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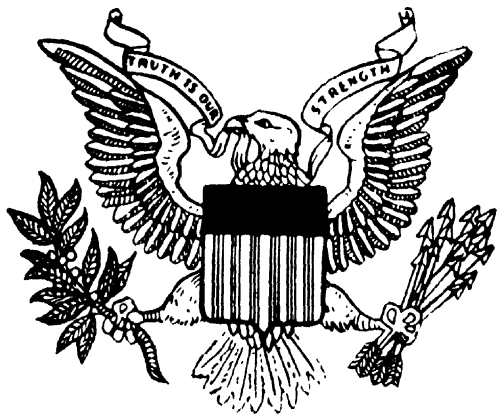

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OF

THE UNITED STATES OF AMERICA

Seventy-First Edition

Statistical Abstract of the United States

1950

Prepared under the Supervision
of Morris B. Ullman in the Office of the
Assistant Director for Statistical Standards

U. S. DEPARTMENT OF COMMERCE
Charles Sawyer, Secretary
BUREAU OF THE CENSUS, Roy V. Peel, Director

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ACKNOWLEDGMENTS

The *Statistical Abstract of the United States* has been published annually for the past 71 years, and its present content and form are the result of the work of many persons during that period. Revisions are made each year to adapt it to meet current needs and uses, and to bring the various statistical series up to date. The present volume was prepared in the office of Morris H. Hansen, Assistant Director for Statistical Standards. The compilation was under the supervision of Morris B. Ullman, Chief, Statistical Reports Section, and was the immediate charge of Bruce L. Jenkinson, Chief, Statistical Abstract Unit, assisted by William Lerner. Kathleen H. Dugan is editor and Elma D. Beynon is editorial supervisor.

The cooperation of many persons acting in either their official positions or as individuals, who contributed to the preparation of this volume, is gratefully acknowledged. The list of tables by source (pages XII–XV), as well as the source note following each table, indicates the various government and private agencies cooperating in furnishing information, assisting in the selection and preparation of the material, or otherwise contributing to the preparation of the *Statitical Abstract.*

AUGUST 1950.

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PREFACE

Use of the Statistical Abstract.—The *Statistical Abstract of the United States* presents in a single annual volume important summary statistics on the industrial, social, political, and economic organization of the United States, and includes a representative selection from most of the important statistical publications. It is, of necessity, limited primarily to national data and to limited summaries by States. It does not attempt to present the great wealth of local data available from many sources.

This book is designed to serve a twofold purpose: *First*, to serve as a convenient reference volume for quantitative summary information; and *second*, to serve as a guide to various important sources of statistical data. If the user finds that the information given here on a particular subject is not sufficiently detailed for his purpose, it is suggested that he refer to the publication or the agency from which the statistics were obtained for publication in the *Statistical Abstract*. The source of each table is given at the foot of the table. The original source usually contains additional statistical detail, and a more complete discussion of the definitions and concepts involved, than can be presented in the *Statistical Abstract;* also, it may supply data for small areas. Further, the agencies initially responsible for the statistics occasionally can supply still more detailed information on the basis of their unpublished tabulations or records.

1950 edition.—This edition, the 71st annual issue of the *Statistical Abstract of the United States*, is designated by the year of publication. The statistics shown are the latest available in the early part of the calendar year. The time periods or dates covered by the information in the tables vary according to the practices followed by the various agencies responsible for their preparation.

This edition includes 1,064 tables in comparison with 1,102 tables in the previous edition. This reduction is the net result of an intensive review of a number of sections. New subject material has been introduced and data eliminated that were less timely or presented greater detail than seemed warranted in a summary publication.

A new section entitled "Business Enterprise" is intended to depict in general the place and the behavior of the business firm and business initiative in the American economy. Data are brought together on business population, on corporate assets and liabilities, on certain types of business income and expenditure, and on patents and copyrights. Most of these comprise materials transferred from other sections of the *Abstract*. Thus, the Bureau of Internal Revenue data on corporation assets and liabilities and corporation profits and dividends are from the section on Federal Government Finances; the Dun and Bradstreet data on industrial and commercial failures and the Federal Reserve Board data on profits and dividends of public utility and industrial corporations are from the Banking and Finance section; the data on patents and copyrights are from the Manufactures section. The other material in this new section is largely of more recent origin, both as to presence within the *Abstract* (data on business population appeared in the 1948 and 1949 editions) and as to appearance in original publications of other agencies.

Other significant changes in this edition include the addition to Section 5, Law Enforcement and Federal Courts (formerly Crime and Criminals), of several tables on Federal courts, stressing their civil activities; the addition of tables on output per man-hour and labor union membership to Section 8, Labor Force, Employment, and Earnings; the inclusion of a table on the "Nation's Economic Budget" from the Council of Economic Advisers in Section 11, Income and Expenditures; the addition of tables on activities of the Soil Conservation Service and the Commodity Credit Corporation; and other additions too numerous to mention.

Integration with historical supplement.—The completion of *Historical Statistics of the United States, 1789–1945* in July 1949 (See p. V) made possible a revision of the annual *Abstract* which was started in the 1949 issue on an experimental basis and continued in this edition. In general, each section of the annual *Statistical Abstract* will be reviewed intensively to bring about an increased emphasis on statistics of current interest and, at the same time, to reduce the amount of historical detail presented.

Sections of the annual volume which have now been revised by comparison with the historical supplement are as follows: 1–3, 7, 8, 11–16, 18–20, and 29 (see Contents, p. VII for section titles). The type and extent of revision varies considerably, section to section.

In all sections containing related data, cross references to the historical supplement have been included in the tabular headnotes. Finally, the historical appendix (see Appendix I, tables A and B) first introduced in the 1949 edition has been continued and brings to date the statistical series shown to 1945 in *Historical Statistics*. This appendix has been arranged to serve a twofold purpose. The user of the annual *Statistical Abstract* will find there the earliest date to which the given statistics are carried in the historical supplement. The user of the supplement will find each series brought to date, where possible, and the table number in the current *Statistical Abstract* in which the same or related data may be found. Where figures for 1945 and earlier years are known to have been revised from those shown in the supplement, the revisions have been listed in Appendix I, table B. No attempt has been made to list specific sources of data in Appendix I because of the space problem. In general, the source agencies are the same as for the same series specified in the supplement or noted at the bottom of the current *Statistical Abstract* table.

With respect to the data contained by Appendix I in this edition, the very serious problem of space has placed limitations on the amount of data which should be shown in order to achieve completely the objectives mentioned above. In order to make room for figures for the current year, 1949 (see Appendix I, table A), it was necessary to omit the column for 1946 which appeared in the 1949 edition. It was further necessary to limit the presentation of the revisions of figures (see Appendix I, table B) only to those which have occurred or been brought officially to the attention of the *Abstract* staff during the current year; revisions shown in the 1949 *Abstract* have not been repeated in this issue. Hence, in order to bring *Historical Statistics* to date, reference is necessary to both the 1949 and the 1950 issues of the *Statistical Abstract*.

Supplements to the Abstract.—The *Statistical Abstract*, as an annual one-volume publication, is of necessity limited in amount of detail shown. Businessmen, teachers, librarians, public officials, professional workers, and others often require data for individual cities, counties, metropolitan areas, and other small areas as well as for States. Economists, teachers, students, and others frequently need more historical information. To meet such requests for more detail, a series of supplements to the *Abstract* has been initiated.

The *County and City Data Book, 1949*, now in press, represents both a revision (bringing to date) and a consolidation of two earlier supplements, the *County Data Book*, issued 1947, and the *Cities Supplement*, issued 1944. The *County and City Data Book, 1949*, brings together 101 items of information for each State, each county, and each standard metropolitan area and 92 items for each of about 400 cities having 25,000 or more inhabitants in 1940. Broad subject fields covered include the 1948 Census of Business, 1947 Census of Manufactures, 1945 Census of Agriculture, 1948 vital statistics, 1949 bank deposits, 1948 city government employment and finances and other items of economic and social importance. This volume will be on sale by the Superintendent of Documents, Washington 25, D. C.

Historical Statistics of the United States, a third supplement, was published in July 1949. This volume brings together 3,000 statistical series which extend back through time. Data are shown for each year back to 1789 or to the earliest data available for the series. In the preparation of this supplement the Bureau had the cooperation of a special committee of the Social Science Research Council set up to advise the Director of the Census on a source book of historical statistics and of the Committee on Research in Economic History under the auspices of the Social Science Research Council. This volume is on sale by the Superintendent of Documents, Washington 25, D. C. for $2.50. These statistics are brought to date each year in the appendix of the annual *Statistical Abstract*, beginning with the 1949 edition.

Responsibility.—As implied in the title, the contents of this volume are taken from a large number of sources, as indicated in the list of agencies furnishing material. (See pages XII–XV.) The Bureau of the Census cannot accept the responsibility for the accuracy or limitations of the data presented here, other than for those which it collects. However, the responsibility for selection of the material for the general user and for proper presentation rests with the Bureau, even though carried out with the cooperation of many technicians who have given unselfishly of their time and knowledge in order to assist the Bureau's staff in making the presentation as meaningful and useful as possible.

The cooperation of the users must also be acknowledged. Many persons have written offering suggestions for improving the presentation of the material. These letters have been most helpful and users are urged to continue to make their needs known. All suggestions will be carefully considered in planning future editions.

FOR ADDITIONAL INFORMATION ON DATA PRESENTED

write to the agency indicated in the source note to the table which covers the desired subject.

SUGGESTIONS AND COMMENTS

should be sent to

The Director

Bureau of the Census

Washington 25, D. C.

STATISTICAL ABSTRACT SUPPLEMENTS

County and City Data Book, 1949. A compact presentation of 101 items of statistical data for each county and standard metropolitan area in the United States and 92 items of statistical data for each of about 400 cities having 25,000 inhabitants or more in 1940. Washington, D. C., 1950. About 500 pages. (In press.) Represents both a revision and a consolidation of two earlier small-area supplements, the *County Data Book* issued in 1947, and the *Cities Supplement—Statistical Abstract of the United States* issued in 1944.

Historical Statistics of the United States, 1789–1945. A supplement to the *Statistical Abstract,* prepared with the cooperation of the Social Science Research Council. A compilation of about 3,000 statistical time series, largely annual, extending back through time to the earliest year for which figures are available. Includes definitions of terms and descriptive text. Specific source notes provide a basic guide to original published sources for further reference and additional data. Detailed alphabetical subject index. 363 pages. Issued 1949. Third printing. Price $2.50 (Buckram).

Purchase orders should be addressed to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

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Federal Council of the Churches of Christ in America:
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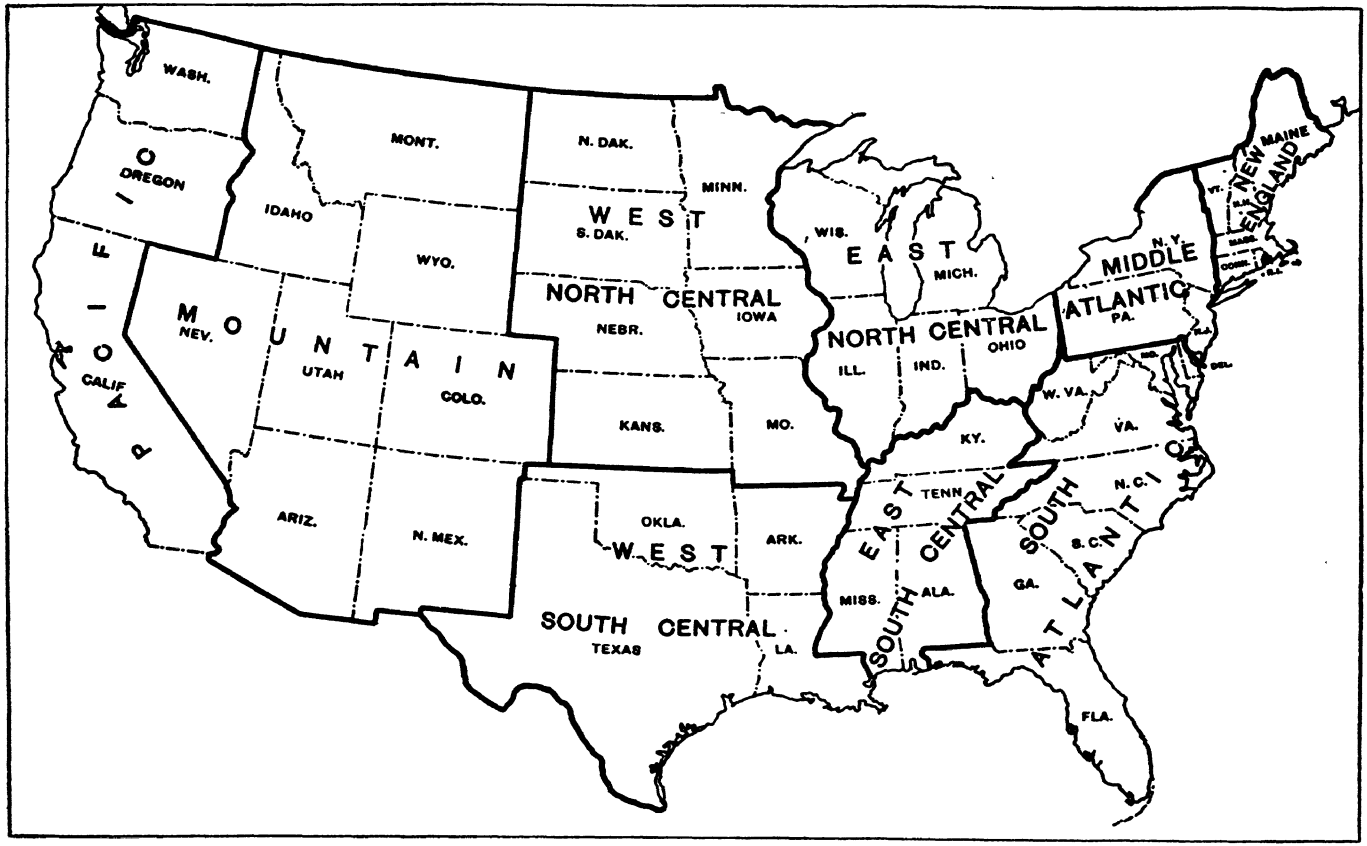
Federal Reserve Bank of New York:
334
Iron Age:
834 (part), 971 (part)
Lloyds, London:
640, 641
Los Angeles Clearing House:
428 (part)
Mineral Industry:
834 (part)
Moody's Investors' Service:
483
National Association of Hosiery Manufacturers:
944
National Board of Fire Underwriters:
501

National Bureau of Economic Research:
331 (part)
National Canners Association:
924 (part)
National Fertilizer Association:
710
National Industrial Conference Board:
337
New York Stock Exchange:
481
New York Times:
480 (part)
Spectator:
494–500, 502–504
Steel:
971 (part)
Tanners' Council of America:
952
United States Savings and Loan League:
460
Western Union Telegraph Co.:
536

FIGURE A.—MAP OF THE UNITED STATES, SHOWING CENSUS DIVISIONS



Source: Department of Commerce, Bureau of the Census.

1. Area and Population

This section relates to the population of the United States, its distribution, and its characteristics. The principal source of these data is the Decennial Census of Population, a house-to-house enumeration made once every ten years beginning with 1790. The data shown here were selected chiefly from the Sixteenth Census (1940), and from special census releases and reports, with the object of giving as complete a description of the population of the United States as space permits. Whenever practicable, a historical series is given in order to show changes that have occurred over periods of time. Most of the data presented apply to continental United States, but some figures for Territories and possessions are included. It should be noted that all State tables (tables 41–57) have been assembled near the end of the section.

Related materials are presented in other sections of this volume. Data on household composition are included in this section, but statistics of marriage and divorce are presented in section 2, Vital Statistics, Health, and Nutrition; statistics on family income are given in section 11, Income and Expenditures; and Census data on employment and occupations are given in section 8, Labor Force, Employment, and Earnings. Data on the population in institutions as enumerated in 1940 are given in this section, but additional data on persons in mental institutions are given in section 2 and on prisoners in section 5, Crime and Criminals. Tables on nativity and citizenship are included in this section, but related data are included in section 3, Immigration, Emigration, and Naturalization.

Population samples.—The use of sampling methods in the Sixteenth Census permitted the collection of statistics on a larger number of inquiries than has heretofore been possible, the release of preliminary population statistics at an early date, and the tabulation of a great many social and economic characteristics of the population at a relatively low cost.

Certain tables in this section and in the related sections mentioned above are based on tabulations of samples of the population. Several samples were drawn and the figures shown were obtained by multiplying the sample results by a factor dependent on the sample size in each case. Sample B is a sample of all individuals from the 1940 Population Schedule; Sample C and Sample W are samples of individual women 15 years old and over from the 1940 and 1910 Population Schedules, respectively; Sample D, a sample of households from the 1940 Population Schedule; and Sample F, a sample of households based for some subjects on 1940 Population Schedule entries, and for other subjects on 1940 Housing Schedule entries. For Sample B, the sample size is 5 percent. Samples C, D, and F are 5 percent in most areas, but they include 2½ percent samples in the most populous areas. Sample W is an 8-percent sample for the North and the South, and about 12 percent for the West.

Exact agreement is not to be expected among the various samples, nor between them and the complete count, but the sample data may be used with confidence when large numbers are involved, and may be assumed to indicate patterns and relationships where small numbers are involved. Specifically, any number of the size of a million or over may be assumed to agree with a complete count within 1½ percent, though most numbers of this size will agree within ¾ of 1 percent. Any number of the size of 100,000 may be assumed to agree with a complete count within 4 percent, though most numbers of this size will agree within 2 percent. Most numbers as small as 10,000 will agree within 10 percent. The sampling errors in subtotals formed by addition of classes are covered by the same statements. More detailed statements regarding the sampling errors are given in the original sources.

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For years since 1940, several of the tables present statistics that are based on the Current Population Survey, conducted monthly by the Bureau of the Census. This survey covers a representative sample of about 25,000 households taken in selected areas throughout the United States. A statement indicating the sampling reliability of estimates based on this sample is given in the Sampling Note, p. 183.

Population estimates.—Population estimates for dates after April 1940, which are not the result of sample surveys, are based on data from the 1940 census; statistics of births and deaths provided by the National Office of Vital Statistics, United States Public Health Service; statistics of immigration and emigration reported by the Immigration and Naturalization Service, Department of Justice; and statistics on the strength and distribution of the armed forces provided by the National Military Establishment. Postcensal estimates of State population are based on the same fundamental series of data and in addition make use of school statistics for both public and private schools, in connection with accounting for interstate migration.

Urban and rural areas.—In the course of its history the Census has employed several definitions of urban population. The definition was adopted in substantially its present form at the time of the 1910 census and was slightly modified at later censuses. In this edition, the urban-rural classification for all years is in accordance with the 1940 definition, as follows:

> The *urban area* is made up for the most part of cities and other incorporated places having 2,500 inhabitants or more. In addition, it includes unincorporated political subdivisions with a population of 10,000 or more and a population density of 1,000 or more per square mile; and in the States of Massachusetts, Rhode Island, and New Hampshire, those towns (townships) which contain a village of 2,500 or more, comprising either by itself or when combined with other villages within the same town, more than 50 percent of the total population of the town.
>
> The remainder of the population is classified as *rural* and is subdivided into the *rural-farm population*, which comprises all rural residents living on farms, without regard to occupation, and the *rural-nonfarm population*, which comprises the remaining rural population.

For the years after 1940, the urban-rural population figures reflect the classification of areas as urban and rural in 1940. Thus, the urban total for 1949 represents the population living, in 1949, in areas which were classified as urban in 1940; it does not represent the total which would have been classified as urban in 1949 if all areas had then been reclassified as urban or rural on the basis of their 1949 population.

Households.—A "household," according to present usage of the Census Bureau, comprises all persons who occupy a dwelling unit, that is, a house, an apartment or other group of rooms, or a room that constitutes "separate living quarters." A household includes the "related persons" (the head of the household and others in the dwelling unit who are related to the head) and also the lodgers, servants, or hired hands, if any, who regularly live in the house. The number of "households," thus defined, is the same as the number of "private households" or "families" as the latter two terms were used in the 1940 census reports. A person living alone or a group of unrelated persons sharing the same living accommodations as partners is counted as a household.

The term "household," as used here, excludes the small number (about 80,000 in 1940) of institutions, hotels, large lodging houses, and other quasi households which are included as households in the census reports (and in figures shown in this edition) for 1920, 1910, 1890, and earlier years. The figures for 1900 and for 1930 and subsequent years, shown in this edition, are in conformance with the present usage of the term "household" as defined above.

Family.—The term "family," as used here, refers to a group of two or more persons related by blood, marriage, or adoption and residing together, and differs from the meaning of the term as used in the 1930 and 1940 censuses. A primary family consists of the head of a household and all (one or more) other persons in the household

related to the head. A secondary family comprises two or more persons, such as lodgers or servants and their relatives, living in a household and related to each other but not related to the household head. A family in a quasi household is a group of two or more related persons living together in a quasi household (other than the negligible number of such groups among inmates of institutions).

Subfamily.—A subfamily is a married couple with or without children, or one parent with one or more children under 18 years old, living in a household and related to, but not including, the head of the household or his wife. Members of a subfamily are also members of the primary family with which they live. The number of subfamilies, therefore, is not included in the number of families.

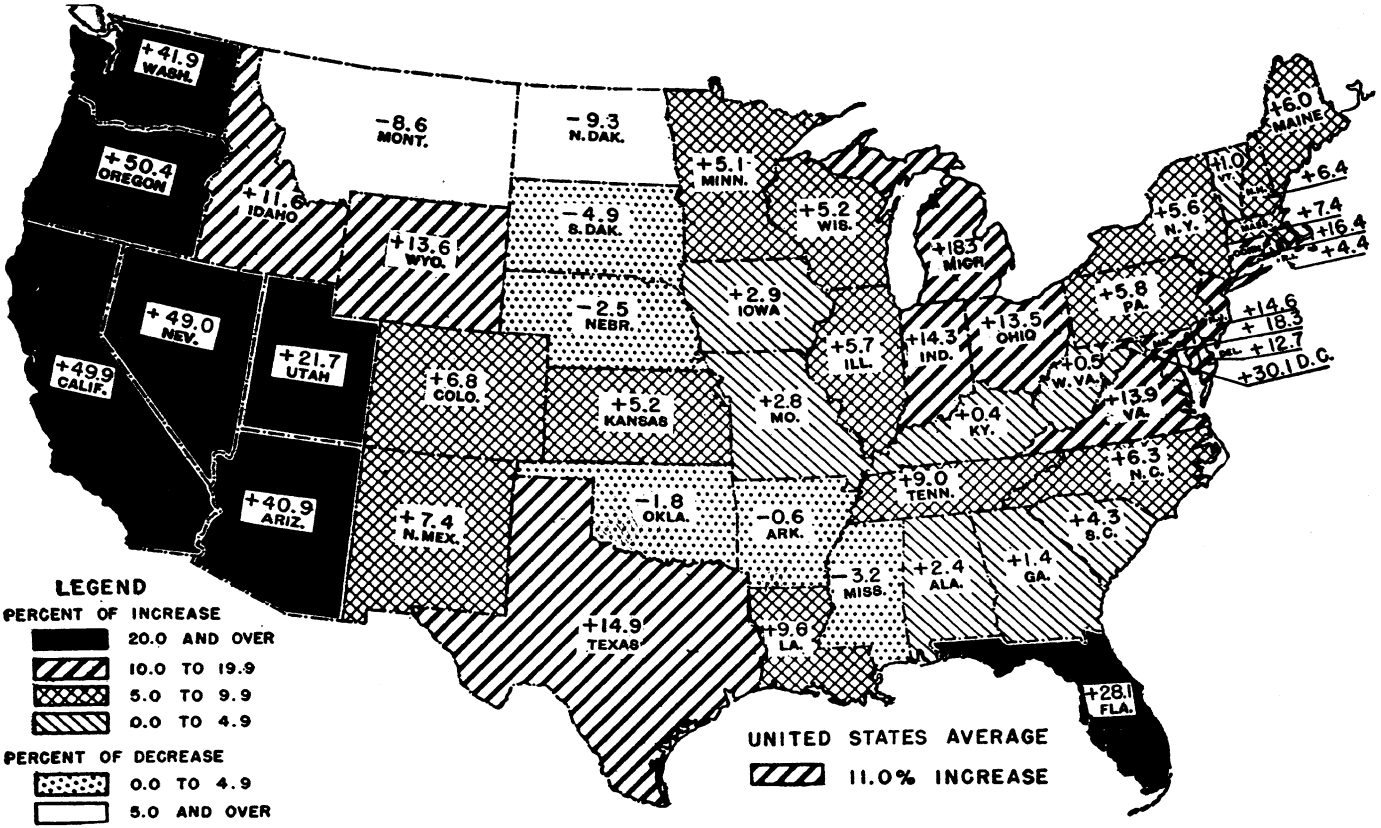
Married couple.—A married couple is a husband and his wife living together.

Individuals not in families.—The term "individuals not in families," as used here, refers to persons (other than inmates of institutions) who are not living with any relatives. A primary individual is a household head living alone or with persons all of whom are unrelated to the head. A secondary individual is a person in a household, such as a lodger or servant, who is not related to the head or to any other person in the household. An individual in a quasi household is a person, such as a guest in a transient hotel, a roomer in a large lodging house, or a resident employee (but not an inmate) of an institution, who is living in a quasi household apart from any relatives.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series B 24–25") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

FIGURE B.—POPULATION CHANGE FOR STATES: 1940 TO 1948

[See table 41]



Source: Department of Commerce, Bureau of the Census.

No. 1.—Territorial Expansion of Continental United States and Acquisitions of Territories and Possessions

[Boundaries of all territories listed under "Continental United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties of cession which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Adjustments have been made in the areas as remeasured in 1940. See also *Historical Statistics*, series B 24-25]

ACCESSION	Date	Gross area (land and water) sq. mi.
Total (excludes P. I.)		**3,619,644**
Continental United States		3,022,387
Territory in 1790 [1]		888,811
Louisiana Purchase	1803	827,192
By treaty with Spain:		
Florida	1819	58,560
Other areas	1819	13,443
Texas	1845	390,144
Oregon	1846	285,580
Mexican Cession	1848	529,017
Gadsden Purchase	1853	29,640
Territories and possessions [2]		597,257
Alaska	1867	586,400
Hawaii [3]	1898	6,454
Puerto Rico	1899	3,435
Guam	1899	206
American Samoa	1900	76
Panama Canal Zone	1904	553
Virgin Islands of the U. S.	1917	133

[1] Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase.

[2] The Philippine Islands (area 115,600 square miles), ceded by Spain in 1898, constituted a territorial possession of United States from 1898 to 1946; granted independence as of July 4, 1946 when they became "Republic of the Philippines."

[3] Includes Howland, Baker, Jarvis, Midway, Kure or Ocean, Wake, Canton and Enderbury (in Phoenix group), and certain other small islands. Canton and Enderbury are under joint use and control of United States and Great Britain.

Source: Department of Commerce, Bureau of the Census; reports and records.

No. 2.—Area, by States: 1940

DIVISION AND STATE	AREA (SQUARE MILES)		
	Gross	Land [1]	Inland water [2]
United States	**3,022,387**	**2,977,128**	**45,259**
New England	**66,608**	**63,206**	**3,402**
Maine	33,215	31,040	2,175
New Hampshire	9,304	9,024	280
Vermont	9,609	9,278	331
Massachusetts	8,257	7,907	350
Rhode Island	1,214	1,058	156
Connecticut	5,009	4,899	110
Middle Atlantic	**102,745**	**100,496**	**2,249**
New York	49,576	47,929	1,647
New Jersey	7,836	7,522	314
Pennsylvania	45,333	45,045	288
East North Central	**248,283**	**245,011**	**3,272**
Ohio	41,222	41,122	100
Indiana	36,291	36,205	86
Illinois	56,400	55,947	453
Michigan	58,216	57,022	1,194
Wisconsin	56,154	54,715	1,439
West North Central	**517,247**	**510,621**	**6,626**
Minnesota	84,068	80,009	4,059
Iowa	56,280	55,986	294
Missouri	69,674	69,270	404
North Dakota	70,665	70,054	611
South Dakota	77,047	76,536	511
Nebraska	77,237	76,653	584
Kansas	82,276	82,113	163
South Atlantic	**278,902**	**268,431**	**10,471**
Delaware	2,057	1,978	79
Maryland	10,577	9,887	690
Dist. of Columbia	69	61	8
South Atlantic—Con.			
Virginia	40,815	39,899	916
West Virginia	24,181	24,090	91
North Carolina	52,712	49,142	3,570
South Carolina	31,055	30,594	461
Georgia	58,876	58,518	358
Florida	58,560	54,262	4,298
East South Central	**181,966**	**180,568**	**1,398**
Kentucky	40,395	40,109	286
Tennessee	42,246	41,961	285
Alabama	51,609	51,078	531
Mississippi	47,716	47,420	296
West South Central	**438,883**	**430,829**	**8,054**
Arkansas	53,102	52,725	377
Louisiana	48,523	45,177	3,346
Oklahoma	69,919	69,283	636
Texas	267,339	263,644	3,695
Mountain	**863,887**	**857,836**	**6,051**
Montana	147,138	146,316	822
Idaho	83,557	82,808	749
Wyoming	97,914	97,506	408
Colorado	104,247	103,967	280
New Mexico	121,666	121,511	155
Arizona	113,909	113,580	329
Utah	84,916	82,346	2,570
Nevada	110,540	109,802	738
Pacific	**323,866**	**320,130**	**3,736**
Washington	68,192	66,977	1,215
Oregon	96,981	96,350	631
California	158,693	156,803	1,890

[1] Dry land and land temporarily or partially covered by water, such as marshland, swamps, and river flood plains; streams, sloughs, estuaries, and canals less than one-eighth of a statute mile in width; and lakes, reservoirs, and ponds less than 40 acres of area.

[2] Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth of a statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water; and islands having less than 40 acres of area. Does not include water surface of the oceans, bays, the Gulf of Mexico, the Great Lakes, Long Island Sound, Puget Sound, and the Straits of Juan de Fuca and Georgia, lying within the jurisdiction of the United States but not defined as inland water.

Source: Department of Commerce, Bureau of the Census; Reports of Sixteenth Census, Areas of the United States, 1940.

No. 3.—Center of Population: 1790 to 1940

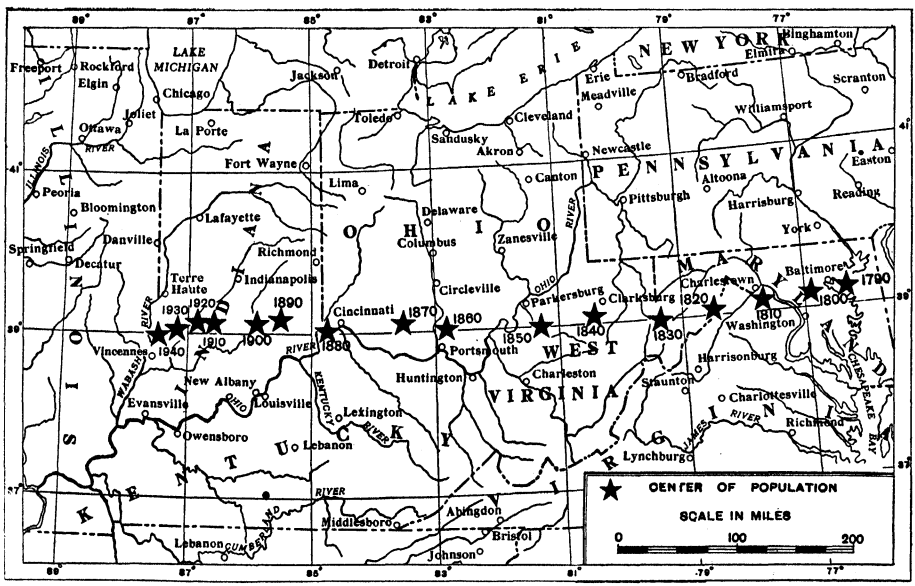
["Center of population" is that point which may be considered as center of gravity of the U. S. or that point upon which the U. S. would balance, if it were a rigid plane without weight and the population distributed thereon with each individual being assumed to have equal weight and to exert an influence on a central point proportional to his distance from the point]

YEAR	North latitude			West longitude			Approximate location
	°	′	″	°	′	″	
1790	39	16	30	76	11	12	23 miles east of Baltimore, Md.
1800	39	16	6	76	56	30	18 miles west of Baltimore, Md.
1810	39	11	30	77	37	12	40 miles northwest by west of Washington, D. C. (in Virginia).
1820	39	5	42	78	33	0	16 miles east of Moorefield, W. Va.[1]
1830	38	57	54	79	16	54	19 miles west-southwest of Moorefield, W. Va.[1]
1840	39	2	0	80	18	0	16 miles south of Clarksburg, W. Va.[1]
1850	38	59	0	81	19	0	23 miles southeast of Parkersburg, W. Va.[1]
1860	39	0	24	82	48	48	20 miles south by east of Chillicothe, Ohio.
1870	39	12	0	83	35	42	48 miles east by north of Cincinnati, Ohio.
1880	39	4	8	84	39	40	8 miles west by south of Cincinnati, Ohio (in Kentucky).
1890	39	11	56	85	32	53	20 miles east of Columbus, Ind.
1900	39	9	36	85	48	54	6 miles southeast of Columbus, Ind.
1910	39	10	12	86	32	20	In the city of Bloomington, Ind.
1920	39	10	21	86	43	15	8 miles south-southeast of Spencer, Owen County, Ind.
1930	39	3	45	87	8	6	3 miles northeast of Linton, Greene County, Ind.
1940	38	56	54	87	22	35	2 miles southeast by east of Carlisle, Haddon Township, Sullivan County, Ind.

[1] West Virginia was set off from Virginia Dec. 31, 1862, and admitted as a State June 19, 1863.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. I.

Figure C.—Center of Population: 1790 to 1940



Source: Department of Commerce, Bureau of the Census.

No. 4.—Area and Population of Continental United States, Territories, and Possessions: 1930 and 1940

[See also *Historical Statistics*, series B 1-12]

AREA	Land area in square miles, 1940	POPULATION				
		Number		Per square mile of land area		Percent increase
		1930	1940	1930	1940	
United States, with Territories and possessions	3,673,660	138,439,069	150,621,231	37.7	41.0	8.8
Continental United States	2,977,128	122,775,046	131,669,275	41.2	44.2	7.2
Territories and possessions, excluding Philippine Islands	581,702	2,061,570	2,477,023	3.5	4.3	20.2
Alaska Territory	571,065	[1] 59,278	[1] 72,524	.1	.1	22.3
American Samoa	76	10,055	12,908	132.3	169.8	28.4
Guam	203	18,509	22,290	91.2	109.8	20.4
Hawaii Territory [2]	6,441	368,336	423,330	57.2	65.7	14.9
Panama Canal Zone	362	39,467	51,827	109.0	143.2	31.3
Puerto Rico	3,423	1,543,913	1,869,255	451.0	546.1	21.1
Virgin Islands	132	22,012	24,889	166.8	188.6	13.1
Philippine Islands [3]	114,830	[4] 13,513,000	[5] 16,356,000	117.7	142.4	21.0
Military and naval, etc., services abroad	----------	89,453	118,933	----------	----------	33.0
Statistical Customs Area—Continental United States, Alaska, Hawaii, and Puerto Rico	3,558,057	124,746,573	134,034,384	35.1	37.7	7.4

[1] Census taken as of Oct. 1 of preceding year.
[2] Includes outlying islands. See note 3, table 1.
[3] See note 2, table 1.
[4] Estimate derived by linear interpolation from census figures for Dec. 31, 1918 (10,314,310), and Jan. 1, 1939 (16,000,303).
[5] Estimate derived by linear extrapolation from census figures for 1918 and 1939.

Source: Department of Commerce, Bureau of the Census; Reports of Sixteenth Census, Population, Vol. I. See also Sixteenth Census Report, Areas of the United States, 1940.

No. 5.—Area and Population of Continental United States: 1790 to 1940

[See also *Historical Statistics*, series B 26-30]

CENSUS DATE	AREA (SQUARE MILES) [1]			POPULATION			
	Gross	Land	Water	Number	Per square mile of land area	Increase over preceding census	
						Number	Percent
1790 (Aug. 2)	892,135	867,980	24,155	3,929,214	4.5	----------	----------
1800 (Aug. 4)	892,135	867,980	24,155	5,308,483	6.1	1,379,269	35.1
1810 (Aug. 6)	1,720,122	1,685,865	34,257	7,239,881	4.3	1,931,398	36.4
1820 (Aug. 7)	1,792,223	1,753,588	38,635	9,638,453	5.5	2,398,572	33.1
1830 (June 1)	1,792,223	1,753,588	38,635	12,866,020	7.3	3,227,567	33.5
1840 (June 1)	1,792,223	1,753,588	38,635	17,069,453	9.7	4,203,433	32.7
1850 (June 1)	2,997,119	2,944,337	52,782	23,191,876	7.9	6,122,423	35.9
1860 (June 1)	3,026,789	2,973,965	52,824	31,443,321	10.6	8,251,445	35.6
1870 (June 1)	3,026,789	2,973,965	52,824	[2] 39,818,449	[2] 13.4	8,375,128	26.6
1880 (June 1)	3,026,789	2,973,965	52,824	50,155,783	16.9	10,337,334	26.0
1890 (June 1)	3,026,789	2,973,965	52,824	62,947,714	21.2	12,791,931	25.5
1900 (June 1)	3,026,789	2,974,159	52,630	75,994,575	25.6	13,046,861	20.7
1910 (Apr. 15)	3,026,789	2,973,890	52,899	91,972,266	30.9	15,977,691	21.0
1920 (Jan. 1)	3,026,789	2,973,776	53,013	105,710,620	35.5	13,738,354	14.9
1930 (Apr. 1) [3]	3,022,387	2,977,128	45,259	122,775,046	41.2	17,064,426	16.1
1940 (Apr. 1)	3,022,387	2,977,128	45,259	131,669,275	44.2	8,894,229	7.2

[1] Area figures for each census year represent all continental area under jurisdiction of United States on indicated date, including in some cases considerable areas not then organized or settled, and not covered by the census.
[2] Revised to include adjustments for under enumeration in Southern States; unrevised number is 38,558,371.
[3] Change in area due to remeasurement for Census of 1940.

Source: Department of Commerce, Bureau of the Census; Reports of Fourteenth, Fifteenth, and Sixteenth Censuses, Population, Vol. I. See also Sixteenth Census Report, Areas of the United States, 1940.

No. 6.—Population, Summary of Characteristics: 1790 to 1940

[See also *Historical Statistics*, series B 13-23, and B 72-80]

Year	Sex		Race			Residence		Median age	
	Male	Female	White	Negro	Other	Urban	Rural	All classes	White
1790			3,172,006	757,208		201,655	3,727,559		
1800			4,306,446	1,002,037		322,371	4,986,112		16.0
1810			5,862,073	1,377,808		525,459	6,714,422		16.0
1820	4,896,605	4,741,848	7,866,797	1,771,656		693,255	8,945,198	16.7	16.5
1830	6,532,489	6,333,531	10,537,378	2,328,642		1,127,247	11,738,773	17.2	17.2
1840	8,688,532	8,380,921	14,195,805	2,873,648		1,845,055	15,224,398	17.8	17.9
1850	11,837,660	11,354,216	19,553,068	3,638,808		3,543,716	19,648,160	18.9	19.2
1860	16,085,204	15,358,117	26,922,537	4,441,830	78,954	6,216,518	25,226,803	19.4	19.7
1870	19,493,565	19,064,806	33,589,377	4,880,009	88,985	9,902,361	28,656,010	20.2	20.4
1880	25,518,820	24,636,963	43,402,970	6,580,793	172,020	14,129,735	36,026,048	20.9	21.4
1890	32,237,101	30,710,613	55,101,258	7,488,676	357,780	22,106,265	40,841,449	22.0	22.5
1900	38,816,448	37,178,127	66,809,196	8,833,994	351,385	30,159,921	45,834,654	22.9	23.4
1910	47,332,277	44,639,989	81,731,957	9,827,763	412,546	41,998,932	49,973,334	24.1	24.5
1920	53,900,431	51,810,189	94,820,915	10,463,131	426,574	54,157,973	51,552,647	25.3	25.6
1930	62,137,080	60,637,966	110,286,740	11,891,143	597,163	68,954,823	53,820,223	26.5	26.9
1940	66,061,592	65,607,683	118,214,870	12,865,518	588,887	74,423,702	57,245,573	29.0	29.5

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol II, and Sixteenth Census Reports, Population, Vol. II, Part 1, and Vol. IV, Part 1.

No. 7.—Estimated Population on July 1, for Continental United States, 1920 to 1949, for Hawaii and Puerto Rico, 1920 to 1948, and for Alaska, 1920 to 1939

[Estimates for continental United States, all years, for Hawaii, 1930 to 1948, and for Puerto Rico, 1940 to 1948, based on statistics of births, deaths, immigration, emigration, and armed forces. Estimates for Alaska and Puerto Rico, 1920 to 1939, and for Hawaii, 1920 to 1929, based on interpolation of census figures. Figures for each area include armed forces stationed in area but exclude residents serving elsewhere in armed forces. All estimates subject to revision after 1950 census. See also table 10 and *Historical Statistics*, series B 5-10]

[In thousands]

Year	Continental U. S.	Alaska	Hawaii	Puerto Rico	Year	Continental U. S.	Alaska	Hawaii	Puerto Rico
1920	106,466	55	261	1,312	1935	127,250	67	390	1,710
1921	108,541	56	272	1,336	1936	128,053	68	396	1,743
1922	110,055	56	283	1,359	1937	128,825	70	401	1,777
1923	111,950	56	294	1,383	1938	129,825	71	410	1,810
1924	114,113	57	305	1,407	1939	130,880	72	416	1,844
1925	115,832	57	316	1,431	1940	131,954	(1)	428	1,879
1926	117,399	58	327	1,455	1941	133,060	(1)	463	1,926
1927	119,038	58	338	1,478	1942	133,771	(1)	574	1,973
1928	120,501	58	349	1,502	1943	133,966	(1)	637	2,012
1929	121,770	59	360	1,526	1944	132,552	(1)	850	2,037
1930	123,077	60	368	1,552	1945	132,019	(1)	812	2,070
1931	124,040	62	378	1,584	1946	139,899	(1)	551	2,100
1932	124,840	63	385	1,615	1947	[2]143,405	(1)	545	2,149
1933	125,579	64	384	1,647	1948	146,113	(1)	533	2,185
1934	126,374	66	384	1,679	1949	148,720	(1)	(1)	(1)

[1] Not available.
[2] Represents more recent and more complete estimate than that shown by States in table 41.

Source: Department of Commerce, Bureau of the Census; reports and records on population estimates; 1940-49, Current Population Reports, Series P-25, Nos. 27 and 29.

No. 8.—Enumerated Population, 1940, and Projections, 1951 to 1960, by Age and Sex

[Figures supersede medium projections for same dates published in *Forecasts of the Population of the United States, 1945–1975* (G. P. O., 1947), but are approximately consistent with medium projections for later dates given in that report for all age groups comprising persons born before July 1, 1945. Projections given here are based on evidence of actual population changes through July 1, 1947, and assume medium mortality, 1½ million net immigration between 1947 and 1960, and somewhat higher fertility during this period than had been assumed in preparing superseded projections. Estimates subject to revision after 1950 census.]

[In thousands]

Age and sex	Enumerated population, 1940 [1]	Projections					
		1951	1952	1953	1954	1955	1960
Total	**131,669**	**151,399**	**152,737**	**153,883**	**154,878**	**155,745**	**159,877**
Under 5 years	10,542	15,729	14,610	13,656	12,844	12,155	11,000
5 to 9 years	10,685	14,202	15,366	15,806	16,167	16,356	12,727
10 to 14 years	11,746	11,631	12,106	12,879	13,424	13,913	16,341
15 to 19 years	12,334	10,642	10,688	10,897	11,172	11,354	13,920
20 to 24 years	11,588	11,569	11,334	11,067	10,833	10,742	11,427
25 to 29 years	11,097	12,220	12,169	12,067	11,926	11,763	10,771
30 to 34 years	10,242	11,575	11,765	11,948	12,076	12,135	11,701
35 to 39 years	9,545	10,960	11,020	11,075	11,153	11,267	11,995
40 to 44 years	8,788	10,112	10,269	10,423	10,557	10,663	11,072
45 to 49 years	8,255	9,256	9,359	9,462	9,575	9,702	10,411
50 to 54 years	7,257	8,273	8,389	8,515	8,638	8,754	9,331
55 to 59 years	5,868	7,417	7,463	7,508	7,564	7,638	8,216
60 to 64 years	4,760	6,245	6,360	6,463	6,548	6,621	6,900
65 to 69 years	3,748	4,668	4,815	4,962	5,100	5,222	5,669
70 to 74 years	2,561	3,259	3,316	3,383	3,462	3,556	4,095
75 years and over	2,655	3,640	3,707	3,774	3,839	3,905	4,300
Median age	29.0	29.9	30.0	30.2	30.4	30.7	31.6
Male	**66,062**	**75,308**	**75,950**	**76,496**	**76,965**	**77,371**	**79,337**
Under 5 years	5,355	8,023	7,452	6,966	6,553	6,202	5,615
5 to 9 years	5,419	7,255	7,851	8,075	8,260	8,356	6,506
10 to 14 years	5,952	5,922	6,173	6,572	6,852	7,107	8,348
15 to 19 years	6,180	5,401	5,425	5,539	5,685	5,781	7,110
20 to 24 years	5,692	5,884	5,769	5,631	5,509	5,461	5,834
25 to 29 years	5,451	6,060	6,070	6,054	6,020	5,970	5,482
30 to 34 years	5,070	5,627	5,740	5,851	5,936	5,985	5,935
35 to 39 years	4,746	5,320	5,336	5,352	5,387	5,447	5,900
40 to 44 years	4,419	4,958	5,020	5,082	5,131	5,167	5,331
45 to 49 years	4,209	4,549	4,594	4,639	4,687	4,740	5,019
50 to 54 years	3,753	4,081	4,125	4,175	4,224	4,272	4,522
55 to 59 years	3,025	3,667	3,677	3,687	3,703	3,727	3,959
60 to 64 years	2,413	3,094	3,135	3,170	3,197	3,218	3,298
65 to 69 years	1,869	2,286	2,353	2,420	2,479	2,529	2,682
70 to 74 years	1,265	1,547	1,573	1,603	1,640	1,682	1,914
75 years and over	1,244	1,633	1,656	1,679	1,703	1,727	1,882
Median age	29.1	29.3	29.4	29.5	29.7	29.8	30.7
Female	**65,608**	**76,091**	**76,786**	**77,388**	**77,913**	**78,375**	**80,540**
Under 5 years	5,187	7,706	7,158	6,690	6,291	5,953	5,385
5 to 9 years	5,266	6,947	7,515	7,730	7,907	8,000	6,221
10 to 14 years	5,794	5,709	5,933	6,307	6,571	6,807	7,993
15 to 19 years	6,153	5,241	5,263	5,358	5,487	5,573	6,810
20 to 24 years	5,895	5,684	5,565	5,436	5,324	5,281	5,594
25 to 29 years	5,646	6,160	6,099	6,013	5,906	5,792	5,289
30 to 34 years	5,172	5,948	6,024	6,096	6,140	6,150	5,766
35 to 39 years	4,800	5,640	5,684	5,722	5,766	5,821	6,096
40 to 44 years	4,369	5,154	5,248	5,342	5,426	5,496	5,741
45 to 49 years	4,046	4,707	4,765	4,823	4,888	4,962	5,392
50 to 54 years	3,504	4,192	4,264	4,340	4,414	4,481	4,809
55 to 59 years	2,843	3,749	3,786	3,821	3,861	3,911	4,257
60 to 64 years	2,347	3,151	3,225	3,293	3,352	3,403	3,602
65 to 69 years	1,879	2,383	2,462	2,542	2,621	2,693	2,987
70 to 74 years	1,296	1,712	1,743	1,780	1,823	1,874	2,182
75 years and over	1,411	2,007	2,051	2,094	2,136	2,178	2,418
Median age	29.0	30.5	30.7	31.0	31.2	31.4	32.6

[1] Figures for population 55 years old and over have been adjusted for age biases in nonwhite population as enumerated.

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P–25, No. 18, and records.

No. 9.—Estimated Population, by Age, Color, and Sex: July 1, 1949

[**In thousands.** Based on 1940 census and births, deaths, immigration, emigration and armed forces between Apr. 1, 1940, and July 1, 1949. Subject to revision after 1950 census. See also *Historical Statistics*, series B 31-39]

Age and sex	Including armed forces overseas			Excluding armed forces overseas			Civilian		
	Total	White	Non-white	Total	White	Non-white	Total	White	Non-white
Total	**149,215**	**133,446**	**15,770**	**148,720**	**133,002**	**15,719**	**147,752**	**132,099**	**15,653**
Under 5 years	15,805	13,894	1,911	15,805	13,894	1,911	15,805	13,894	1,911
5 to 9 years	13,452	11,685	1,767	13,452	11,685	1,767	13,452	11,685	1,767
10 to 14 years	11,161	9,670	1,491	11,161	9,670	1,491	11,161	9,670	1,491
15 to 19 years	10,751	9,415	1,337	10,610	9,288	1,322	10,377	9,071	1,306
20 to 24 years	11,884	10,518	1,366	11,716	10,367	1,349	11,389	10,061	1,328
25 to 29 years	12,156	10,848	1,309	12,074	10,774	1,300	11,893	10,606	1,288
30 to 34 years	11,348	10,163	1,186	11,293	10,113	1,180	11,167	9,996	1,171
35 to 39 years	10,843	9,736	1,107	10,816	9,712	1,104	10,759	9,660	1,100
40 to 44 years	9,912	8,966	946	9,900	8,955	945	9,873	8,930	943
45 to 49 years	9,093	8,187	906	9,087	8,182	905	9,076	8,171	904
50 to 54 years	8,155	7,453	702	8,153	7,451	702	8,148	7,447	701
55 to 59 years	7,341	6,781	560	7,340	6,780	560	7,338	6,778	560
60 to 64 years	6,042	5,627	416	6,042	5,626	416	6,041	5,626	415
65 to 69 years	4,471	4,178	294	4,471	4,177	294	4,471	4,177	294
70 to 74 years	3,211	3,006	205	3,211	3,006	205	3,211	3,006	205
75 years and over	3,588	3,320	268	3,588	3,320	268	3,588	3,320	268
Median age	29.8	30.3	25.1	29.8	30.4	25.1	29.9	30.5	25.1
Male	**74,243**	**66,516**	**7,726**	**73,750**	**66,074**	**7,675**	**72,797**	**65,187**	**7,610**
Under 5 years	8,069	7,113	955	8,069	7,113	955	8,069	7,113	955
5 to 9 years	6,865	5,977	888	6,865	5,977	888	6,865	5,977	888
10 to 14 years	5,676	4,928	748	5,676	4,928	748	5,676	4,928	748
15 to 19 years	5,440	4,777	664	5,299	4,650	649	5,067	4,434	633
20 to 24 years	5,950	5,275	676	5,783	5,124	658	5,459	4,822	638
25 to 29 years	5,974	5,344	630	5,892	5,271	622	5,716	5,107	609
30 to 34 years	5,505	4,957	547	5,450	4,908	542	5,327	4,794	533
35 to 39 years	5,307	4,789	518	5,280	4,765	515	5,226	4,715	511
40 to 44 years	4,892	4,441	451	4,881	4,430	450	4,855	4,406	448
45 to 49 years	4,495	4,065	430	4,490	4,060	429	4,479	4,050	429
50 to 54 years	4,050	3,705	345	4,048	3,703	345	4,043	3,698	345
55 to 59 years	3,659	3,381	278	3,658	3,380	278	3,657	3,378	278
60 to 64 years	3,017	2,803	214	3,016	2,803	214	3,016	2,802	214
65 to 69 years	2,190	2,036	154	2,190	2,036	154	2,190	2,036	154
70 to 74 years	1,524	1,421	104	1,524	1,421	104	1,524	1,421	104
75 years and over	1,630	1,506	124	1,630	1,506	124	1,630	1,506	124
Median age	29.3	29.9	24.5	29.4	30.0	24.5	29.6	30.2	24.6
Female	**74,973**	**66,930**	**8,043**	**74,971**	**66,927**	**8,043**	**74,955**	**66,912**	**8,043**
Under 5 years	7,737	6,781	956	7,737	6,781	956	7,737	6,781	956
5 to 9 years	6,588	5,709	879	6,588	5,709	879	6,588	5,709	879
10 to 14 years	5,485	4,742	743	5,485	4,742	743	5,485	4,742	743
15 to 19 years	5,311	4,638	673	5,311	4,638	673	5,310	4,637	673
20 to 24 years	5,934	5,244	690	5,933	5,243	690	5,930	5,240	690
25 to 29 years	6,182	5,504	679	6,182	5,503	679	6,178	5,499	679
30 to 34 years	5,844	5,205	638	5,843	5,205	638	5,840	5,202	638
35 to 39 years	5,536	4,947	589	5,536	4,947	589	5,533	4,945	589
40 to 44 years	5,020	4,525	495	5,020	4,525	495	5,018	4,524	495
45 to 49 years	4,598	4,122	476	4,598	4,122	476	4,597	4,121	476
50 to 54 years	4,105	3,749	357	4,105	3,749	357	4,105	3,749	357
55 to 59 years	3,682	3,400	282	3,682	3,400	282	3,682	3,400	282
60 to 64 years	3,026	2,824	202	3,026	2,824	202	3,026	2,824	202
65 to 69 years	2,281	2,142	140	2,281	2,142	140	2,281	2,142	140
70 to 74 years	1,686	1,585	101	1,686	1,585	101	1,686	1,585	101
75 years and over	1,959	1,814	144	1,959	1,814	144	1,959	1,814	144
Median age	30.2	30.8	25.6	30.2	30.8	25.6	30.2	30.8	25.6

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-25, No. 39.

No. 10.—Estimated Population of Continental United States, Including Armed Forces Overseas, and Estimated Civilian Population: July 1, 1940 to 1949

[**In thousands.** Subject to revision after 1950 census. See also *Historical Statistics*, series B-31]

YEAR	Estimated population including armed forces overseas	Estimated civilian population	YEAR	Estimated population including armed forces overseas	Estimated civilian population
1940	131,970	131,659	1945	139,586	127,452
1941	133,203	131,558	1946	141,235	138,400
1942	134,665	130,875	1947	144,024	142,650
1943	136,497	127,410	1948	146,571	145,290
1944	138,083	126,536	1949	149,215	147,752

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-25, No. 27.

No. 11.—Estimated Civilian Population, Urban and Rural: 1940 and 1949

[**In thousands.** Areas classified as urban or rural on basis of results of 1940 census. 1940 figures based on 1940 census, including small number then in armed forces. 1949 figures based on Current Population Survey, including small number in armed forces living off post or with their families on post. See Sampling Note, p. 183]

AREA	CIVILIAN POPULATION		PERCENT DISTRIBUTION	
	April 1940	April 1949	April 1940	April 1949
United States	**131,669**	**147,412**	**100.0**	**100.0**
Urban	74,424	86,622	56.5	58.8
Rural	57,246	60,790	43.5	41.2
Rural-nonfarm	27,029	32,035	20.5	21.7
Rural-farm	30,216	28,756	22.9	19.5

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II, and Current Population Reports, Series P-20, No. 22.

No. 12.—Estimated Civilian Population, Farm and Nonfarm, by Age and Sex: April 1940 and 1949

[**In thousands.** 1940 figures based on 1940 census, including small number then in armed forces; 1949 figures based on Current Population Survey. See Sampling Note, p. 183]

AGE	BOTH SEXES			MALE			FEMALE		
	Total	Farm	Nonfarm	Total	Farm	Nonfarm	Total	Farm	Nonfarm
1940									
All ages	**131,669**	**30,547**	**101,122**	**66,062**	**16,115**	**49,947**	**65,608**	**14,432**	**51,176**
Under 14 years	30,566	8,957	21,609	15,508	4,572	10,936	15,059	4,384	10,675
14 years and over	101,103	21,590	79,513	50,554	11,543	39,011	50,549	10,048	40,501
14 to 19 years	14,739	4,095	10,644	7,398	2,166	5,232	7,341	1,929	5,412
20 to 24 years	11,588	2,541	9,047	5,692	1,393	4,299	5,895	1,147	4,748
25 to 44 years	39,672	7,367	32,305	19,686	3,818	15,868	19,986	3,549	16,437
45 to 64 years	26,084	5,586	20,498	13,371	3,018	10,353	12,713	2,568	10,145
65 years and over	9,019	2,002	7,017	4,406	1,147	3,259	4,613	855	3,758
1949[1]									
All ages	**147,415**	**28,258**	**119,157**	**72,813**	**14,623**	**58,190**	**74,603**	**13,635**	**60,968**
Under 14 years	37,965	8,528	29,437	19,365	4,375	14,990	18,600	4,153	14,447
14 years and over	109,450	19,730	89,720	53,448	10,248	43,200	56,003	9,482	46,521
14 to 19 years	12,495	3,138	9,357	6,110	1,654	4,456	6,385	1,484	4,901
20 to 24 years	11,543	1,861	9,682	5,591	973	4,618	5,952	888	5,064
25 to 44 years	43,779	6,896	36,883	21,299	3,440	17,859	22,480	3,456	19,024
45 to 64 years	30,433	5,642	24,791	15,127	2,967	12,160	15,307	2,675	12,632
65 years and over	11,200	2,193	9,007	5,321	1,214	4,107	5,879	979	4,900

[1] Figures differ from those in table 11, because they reflect more recent data on vital statistics.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II other reports, and records.

No. 13.—Population, by Age and Sex, 1910 to 1940, and by White, Nonwhite, and Rural-Farm, 1940

[See also *Historical Statistics*, series B 72-144]

Age and sex	1910	1920	1930	1940			
				Total	White	Nonwhite	Rural-farm population
Total	**91,972,266**	**105,710,620**	**122,775,046**	**131,669,275**	**118,214,870**	**13,454,405**	**30,216,188**
Under 5 years	10,631,364	11,573,230	11,444,390	10,541,524	9,229,505	1,312,019	3,011,556
5 to 9 years	9,760,632	11,398,075	12,607,609	10,684,622	9,328,951	1,355,671	3,154,575
10 to 14 years	9,107,140	10,641,137	12,004,877	11,745,935	10,352,695	1,393,240	3,387,598
15 to 19 years	9,063,603	9,430,556	11,552,115	12,333,523	10,964,047	1,369,476	3,356,475
20 to 24 years	9,056,984	9,277,021	10,870,378	11,587,835	10,340,149	1,247,686	2,513,148
25 to 29 years	8,180,003	9,086,491	9,833,608	11,096,638	9,904,270	1,192,368	2,070,809
30 to 34 years	6,972,185	8,071,193	9,120,421	10,242,388	9,206,478	1,035,910	1,823,840
35 to 39 years	6,396,100	7,775,281	9,208,645	9,545,377	8,516,660	1,028,717	1,742,774
40 to 44 years	5,261,587	6,345,557	7,990,195	8,787,843	7,936,083	851,760	1,649,848
45 to 49 years	4,469,197	5,763,620	7,042,279	8,255,225	7,532,756	722,469	1,645,263
50 to 54 years	3,900,791	4,734,873	5,975,804	7,256,846	6,680,307	576,539	1,524,365
55 to 59 years	2,786,951	3,549,124	4,645,677	5,843,865	5,426,845	417,020	1,296,476
60 to 64 years	2,267,150	2,982,548	3,751,221	4,728,340	4,416,693	311,647	1,059,434
65 to 69 years	1,679,503	2,068,475	2,770,605	3,806,657	3,499,046	307,611	867,436
70 to 74 years	1,113,728	1,395,036	1,950,004	2,569,532	2,400,545	168,987	552,131
75 years and over	1,156,293	1,469,704	1,913,196	2,643,125	2,479,840	163,285	560,460
Not reported	169,055	148,699	94,022				
Median age	24.1	25.3	26.5	29.0	29.5	25.2	24.4
Male	**47,332,277**	**53,900,431**	**62,137,080**	**66,061,592**	**59,448,548**	**6,613,044**	**15,940,370**
Under 5 years	5,380,596	5,857,461	5,806,174	5,354,808	4,701,470	653,338	1,527,308
5 to 9 years	4,924,123	5,753,001	6,381,108	5,418,823	4,744,537	674,286	1,608,363
10 to 14 years	4,601,753	5,369,306	6,068,777	5,952,329	5,259,007	693,322	1,746,987
15 to 19 years	4,527,282	4,673,792	5,757,825	6,180,153	5,515,920	664,233	1,782,872
20 to 24 years	4,580,290	4,527,045	5,336,815	5,692,392	5,113,642	578,750	1,378,215
25 to 29 years	4,244,348	4,538,233	4,860,180	5,450,662	4,892,013	558,649	1,099,823
30 to 34 years	3,656,768	4,130,783	4,561,786	5,070,312	4,573,316	496,996	948,268
35 to 39 years	3,367,016	4,074,361	4,679,860	4,745,659	4,254,368	491,291	886,888
40 to 44 years	2,786,350	3,285,543	4,136,459	4,419,135	3,995,190	423,945	841,402
45 to 49 years	2,378,916	3,117,550	3,671,924	4,209,269	3,842,613	366,656	855,610
50 to 54 years	2,110,013	2,535,545	3,131,645	3,752,750	3,451,717	301,033	818,580
55 to 59 years	1,488,437	1,880,065	2,425,992	3,011,364	2,790,046	221,318	714,239
60 to 64 years	1,185,966	1,581,800	1,941,508	2,397,816	2,232,453	165,363	597,298
65 to 69 years	863,994	1,079,817	1,417,812	1,896,088	1,736,937	159,151	501,457
70 to 74 years	561,644	706,301	991,647	1,270,967	1,183,283	87,684	323,405
75 years and over	560,338	696,953	915,752	1,239,065	1,162,036	77,029	309,655
Not reported	114,443	92,875	51,816				
Median age	24.6	25.8	26.7	29.1	29.5	25.4	24.7
Female	**44,639,989**	**51,810,189**	**60,637,966**	**65,607,683**	**58,766,322**	**6,841,361**	**14,275,818**
Under 5 years	5,250,768	5,715,769	5,638,216	5,186,716	4,528,035	658,681	1,484,248
5 to 9 years	4,836,509	5,645,074	6,226,501	5,265,799	4,584,414	681,385	1,546,212
10 to 14 years	4,505,387	5,271,831	5,936,100	5,793,606	5,093,688	699,918	1,640,611
15 to 19 years	4,536,321	4,756,764	5,794,290	6,153,370	5,448,127	705,243	1,573,603
20 to 24 years	4,476,694	4,749,976	5,533,563	5,895,443	5,226,507	668,936	1,134,933
25 to 29 years	3,935,655	4,548,258	4,973,428	5,645,976	5,012,257	633,719	970,986
30 to 34 years	3,315,417	3,940,410	4,558,635	5,172,076	4,633,162	538,914	875,572
35 to 39 years	3,029,084	3,700,920	4,528,785	4,799,718	4,262,292	537,426	855,886
40 to 44 years	2,475,237	3,060,014	3,853,736	4,368,708	3,940,893	427,815	808,446
45 to 49 years	2,090,281	2,646,070	3,370,355	4,045,956	3,690,143	355,813	789,653
50 to 54 years	1,790,778	2,199,328	2,844,159	3,504,096	3,228,590	275,506	705,785
55 to 59 years	1,298,514	1,669,059	2,219,685	2,832,501	2,636,799	195,702	582,237
60 to 64 years	1,081,184	1,400,748	1,809,713	2,330,524	2,184,240	146,284	462,136
65 to 69 years	815,509	988,658	1,352,793	1,910,569	1,762,109	148,460	365,979
70 to 74 years	552,084	688,735	958,357	1,298,565	1,217,262	81,303	228,726
75 years and over	595,955	772,751	997,444	1,404,060	1,317,804	86,256	250,805
Not reported	54,612	55,824	42,206				
Median age	23.5	24.7	26.2	29.0	29.5	25.1	23.9

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II, Part 1.

No. 14.—Median Age of Urban and Rural Population, by Race and Sex: 1930 and 1940

[Definition of Median.—The median may be defined as that item which is in the middle of a series arranged according to size. Thus, the median age is that age which divides a population group into two equal parts, one half being older, and one half younger, than the median. For definition of urban and rural population, see p. 2. See also *Historical Statistics*, series B 72-80]

Race and year	Total			Urban			Rural-nonfarm			Rural-farm		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1930												
All classes	**26.5**	**26.7**	**26.2**	**28.4**	**28.7**	**28.2**	**25.8**	**26.4**	**25.1**	**21.6**	**22.1**	**21.1**
White	26.9	27.1	26.6	28.6	28.7	28.4	26.1	26.7	25.5	22.4	22.9	21.8
Negro	23.5	23.7	23.3	27.4	28.0	26.8	23.6	24.3	22.9	18.6	18.6	18.7
Other	23.3	25.9	18.6	27.5	29.8	19.7	22.7	24.7	19.4	19.6	21.4	17.6
1940												
All classes	**29.0**	**29.1**	**29.0**	**31.0**	**31.0**	**31.1**	**27.7**	**28.1**	**27.3**	**24.4**	**24.7**	**23.9**
White	29.5	29.5	29.5	31.3	31.2	31.4	28.0	28.3	27.6	25.4	25.8	25.0
Negro	25.3	25.3	25.3	28.9	29.2	28.7	25.0	25.6	24.5	19.8	19.9	19.6
Other	24.1	27.6	19.9	29.3	32.9	21.9	22.3	24.5	19.9	20.9	23.2	18.7

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II, Part 1.

No. 15.—Population for Urban Size Groups and for Rural Territory: 1930 and 1940

[Urban-rural classification is in accordance with 1940 definitions; see p. 2. See also *Historical Statistics*, series B 145-164]

Class	1930		1940		Percent of total population	
	Number of places [1]	Population	Number of places [1]	Population	1930	1940
United States		**122,775,046**		**131,669,275**	**100.0**	**100.0**
Urban territory	**3,165**	**68,954,823**	**3,464**	**74,423,702**	**56.2**	**56.5**
Places of 1,000,000 or more	5	15,064,555	5	15,910,866	12.3	12.1
Places of 500,000 to 1,000,000	8	5,763,987	9	6,456,959	4.7	4.9
Places of 250,000 to 500,000	24	7,956,228	23	7,827,514	6.5	5.9
Places of 100,000 to 250,000	56	7,540,966	55	7,792,650	6.1	5.9
Places of 50,000 to 100,000	98	6,491,448	107	7,343,917	5.3	5.6
Places of 25,000 to 50,000	185	6,425,693	213	7,417,093	5.2	5.6
Places of 10,000 to 25,000	606	9,097,200	665	9,966,898	7.4	7.6
Places of 5,000 to 10,000	851	5,897,156	965	6,681,894	4.8	5.1
Places of 2,500 to 5,000	1,332	4,717,590	1,422	5,025,911	3.8	3.8
Rural territory		**53,820,223**		**57,245,573**	**43.8**	**43.5**
Incorporated places of 1,000 to 2,500	3,087	4,820,707	3,205	5,026,834	3.9	3.8
Incorporated places under 1,000	10,346	4,362,746	10,083	4,315,843	3.6	3.3
Unincorporated territory		44,636,770		47,902,896	36.4	36.4

[1] In 1940, Bluefield, Va., and Bluefield, W. Va.; Bristol, Va., and Bristol, Tenn.; Delmar, Del., and Delmar, Md.; Harrison, Ohio, and West Harrison, Ind.; Junction City, Ark., and Junction City, La.; Texarkana, Ark., and Texarkana, Tex.; Texhoma, Okla., and Texhoma, Tex.; and Union City, Ind., and Union City, Ohio, were counted as separate incorporated places, whereas in 1930 each pair was counted as a single place.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. I.

No. 16.—Population, Urban and Rural, by Race and Sex: 1930 and 1940

[Urban-rural classification in accordance with 1940 definitions; see p. 2. For further statistics on farm population, see table 26, p. 21, and table 49, p. 42. For historical data, see *Historical Statistics*, series B 13–23, B 40–47, B 165–170]

Area and race	1930			1940		
	Total	Male	Female	Total	Male	Female
Total	**122,775,046**	**62,137,080**	**60,637,966**	**131,669,275**	**66,061,592**	**65,607,683**
White	110,286,740	55,922,528	54,364,212	118,214,870	59,448,548	58,766,322
Native	96,303,335	48,420,037	47,883,298	106,795,732	53,437,533	53,358,199
Foreign-born	13,983,405	7,502,491	6,480,914	11,419,138	6,011,015	5,408,123
Negro	11,891,143	5,855,669	6,035,474	12,865,518	6,269,038	6,596,480
Other races	597,163	358,883	238,280	588,887	344,006	244,881
Indian	332,397	170,350	162,047	333,969	171,427	162,542
Chinese	74,954	59,802	15,152	77,504	57,389	20,115
Japanese	138,834	81,771	57,063	126,947	71,967	54,980
All other	50,978	46,960	4,018	50,467	43,223	7,244
Urban	**68,954,823**	**34,154,760**	**34,800,063**	**74,423,702**	**36,363,706**	**38,059,996**
White	63,560,033	31,538,288	32,021,745	67,972,823	33,304,701	34,668,122
Negro	5,193,913	2,479,158	2,714,755	6,253,588	2,929,423	3,324,165
Other races	200,877	137,314	63,563	197,291	129,582	67,709
Rural-nonfarm	**23,662,710**	**12,117,945**	**11,544,765**	**27,029,385**	**13,757,516**	**13,271,869**
White	21,500,462	11,012,799	10,487,663	24,778,585	12,627,240	12,151,345
Negro	2,016,707	1,022,066	994,641	2,109,630	1,053,699	1,055,931
Other races	145,541	83,080	62,461	141,170	76,577	64,593
Rural-farm	**30,157,513**	**15,864,375**	**14,293,138**	**30,216,188**	**15,940,370**	**14,275,818**
White	25,226,245	13,371,441	11,854,804	25,463,462	13,516,607	11,946,855
Negro	4,680,523	2,354,445	2,326,078	4,502,300	2,285,916	2,216,384
Other races	250,745	138,489	112,256	250,426	137,847	112,579

No. 17.—Population, by Race and Nativity, With Individual Minor Races: 1880 to 1940

[See also *Historical Statistics*, series B 18–23, B 41–47]

Class	1880	1890	1900	1910	1920	1930	1940
All classes	**50,155,783**	**62,947,714**	**75,994,575**	**91,972,266**	**105,710,620**	**122,775,046**	**131,669,275**
White	43,402,970	55,101,258	66,809,196	81,731,957	94,820,915	110,286,740	118,214,870
Negro	6,580,793	7,488,676	8,833,994	9,827,763	10,463,131	11,891,143	12,865,518
Indian	[1] 66,407	248,253	237,196	265,683	244,437	332,397	333,969
Chinese	105,465	107,488	89,863	71,531	61,639	74,954	77,504
Japanese	148	2,039	24,326	72,157	111,010	138,834	126,947
All other [2]				3,175	9,488	50,978	50,467
Native (all races)	43,475,840	53,698,154	65,653,299	78,456,380	91,789,928	108,570,897	120,074,379
Foreign-born (all races)	6,679,943	9,249,560	10,341,276	13,515,886	13,920,692	14,204,149	11,594,896
Native white	36,843,291	45,979,391	56,595,379	68,386,412	81,108,161	96,303,335	106,795,732
Foreign-born white	6,559,679	9,121,867	10,213,817	13,345,545	13,712,754	13,983,405	11,419,138
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	86.5	87.5	87.9	88.9	89.7	89.8	89.8
Negro	13.1	11.9	11.6	10.7	9.9	9.7	9.8
Indian	.1	.4	.3	.3	.2	.3	.3
Chinese	.2	.2	.1	.1	.1	.1	.1
Japanese	[3]	[3]	[3]	.1	.1	.1	.1
All other [2]				[3]	[3]	[3]	[3]
Native (all races)	86.7	85.3	86.4	85.3	86.8	88.4	91.2
Foreign-born (all races)	13.3	14.7	13.6	14.7	13.2	11.6	8.8
Native white	73.5	73.0	74.5	74.4	76.7	78.4	81.1
Foreign-born white	13.1	14.5	13.4	14.5	13.0	11.4	8.7

[1] Exclusive of Indians in Indian Territory and on Indian reservations, not enumerated prior to 1890.
[2] Comprises Asiatic Indians, Koreans, Polynesians, and other Asiatics.
[3] Less than one-tenth of 1 percent.

Source of tables 16 and 17: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II, Part 1.

No. 18.—Foreign-Born White Population, 1910 to 1940, and Total Foreign-Born, 1900, by Country of Birth

[All classifications of 1940 population according to country of birth based on political boundaries of Jan. 1, 1937. Classification of population at earlier censuses based for most part on political boundaries of those years. For most countries of Europe, total foreign-born population given for 1900 is almost entirely white. See also *Historical Statistics*, series B 279-303]

Country of birth	Total foreign-born, 1900	Foreign-born white				Percent distribution		Percent urban 1940
		1910	1920	1930	1940	1930	1940	
All countries	10,341,276	13,345,545	13,712,754	13,983,405	11,419,138	100.0	100.0	80.0
Northwestern Europe:								
England	840,513	876,455	812,828	808,684	621,975	5.8	5.4	78.7
Scotland	233,524	261,034	254,567	354,323	279,321	2.5	2.4	82.4
Wales	93,586	82,479	67,066	60,205	35,360	.4	.3	75.6
Northern Ireland	1,615,459	1,352,155	1,037,233	178,832	106,416	1.3	.9	85.0
Irish Free State (Eire)				744,810	572,031	5.3	5.0	89.8
Norway	336,388	403,858	363,862	347,852	262,088	2.5	2.3	58.5
Sweden	582,014	665,183	625,580	595,250	445,070	4.3	3.9	68.7
Denmark	153,690	181,621	189,154	179,474	138,175	1.3	1.2	60.7
Iceland				2,764	2,104	(1)	(1)	54.2
Netherlands [2]	94,931	120,053	131,766	133,133	111,064	1.0	1.0	60.9
Belgium	29,757	49,397	62,686	64,194	53,958	.5	.5	72.9
Luxemburg	3,031	3,068	12,585	9,048	6,886	.1	.1	64.8
Switzerland	115,593	124,834	118,659	113,010	88,293	.8	.8	60.8
France	104,197	117,236	152,890	135,265	102,930	1.0	.9	77.7
Central Europe:								
Germany	2,663,418	[3] 2,311,085	1,686,102	1,608,814	1,237,772	11.5	10.8	74.3
Poland	383,407	[3] 937,884	1,139,978	1,268,583	993,479	9.1	8.7	86.0
Czechoslovakia			362,436	491,638	319,971	3.5	2.8	71.1
Austria	432,798	[3] 845,506	575,625	370,914	479,906	2.7	4.2	79.9
Hungary	145,714	495,600	397,282	274,450	290,228	2.0	2.5	82.2
Yugoslavia			169,437	211,416	161,093	1.5	1.4	74.2
Eastern Europe:								
Russia (U. S. S. R.)	423,726	[3] 1,184,382	1,400,489	1,153,624	1,040,884	8.2	9.1	90.2
Latvia				20,673	18,636	.1	.2	89.6
Estonia				3,550	4,178	(1)	(1)	83.2
Lithuania			135,068	193,606	165,771	1.4	1.5	85.6
Finland	62,641	129,669	149,824	142,478	117,210	1.0	1.0	54.4
Rumania	15,032	65,920	102,823	146,393	115,940	1.0	1.0	90.0
Bulgaria		11,453	10,477	9,399	8,888	.1	.1	77.6
Turkey in Europe	[4] 9,910	32,221	5,284	2,257	4,412	(1)	(1)	85.6
Southern Europe:								
Greece	8,515	101,264	175,972	174,526	163,252	1.2	1.4	91.6
Italy	484,027	1,343,070	1,610,109	1,790,424	1,623,580	12.8	14.2	88.1
Spain	7,050	21,977	49,247	59,033	47,707	.4	.4	79.0
Portugal	30,608	57,623	67,453	69,993	62,347	.5	.5	75.6
Other Europe	2,251	[5] 12,851	11,509	25,065	19,819	.2	.2	88.2
Asia:								
Palestine	(6)	[6] 59,702	3,202	6,135	7,047	(1)	.1	94.4
Syria			51,900	57,227	50,859	.4	.4	90.3
Turkey in Asia			11,014	46,651	52,479	.3	.5	93.7
Other Asia	120,248	4,612	44,334	47,567	39,524	.3	.3	85.9
America:								
Canada—French	395,126	385,083	307,786	370,852	273,366	2.7	2.4	78.6
Canada—Other	784,796	810,987	810,092	907,660	770,753	6.5	6.7	75.4
Newfoundland	(7)	5,076	13,242	23,971	21,361	.2	.2	89.5
Mexico	103,393	219,802	478,383	639,017	377,433	4.6	3.3	63.1
Cuba	11,081	12,869	12,843	16,089	15,277	.1	.1	92.5
Other West Indies	14,354	10,300	13,526	15,511	15,257	.1	.1	87.4
Central America	3,897	1,507	4,074	7,791	7,638	.1	.1	89.7
South America	4,733	7,562	16,855	30,333	28,770	.2	.3	87.7
All other:								
Australia	6,807	8,938	10,801	12,720	10,998	.1	.1	78.2
Azores	9,768	15,795	33,788	35,432	25,751	.3	.2	61.9
Other Atlantic Islands			5,196	4,053	3,232	(1)	(1)	76.2
Other and not reported	15,293	15,434	17,727	18,716	18,649	.1	.2	78.3

[1] Less than one-tenth of 1 percent.
[2] Listed as Holland prior to 1910.
[3] Persons reported in 1910 as of Polish mother tongue born in Austria, Germany, and Russia have been deducted from their respective countries and combined as Poland.
[4] Turkey in Asia included with Turkey in Europe prior to 1910.
[5] Includes 4,635 persons born in Serbia and 5,363 persons born in Montenegro, which became part of Yugoslavia in 1918.
[6] Turkey in Asia included Armenia, Palestine, and Syria in 1910. Subsequent to 1910 Armenia included with "Other Asia."
[7] Newfoundland included with Canada in 1900.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II, Part 1.

No. 19.—White Population, by Nativity and Parentage: 1880 to 1940

[1940 data for native white by parentage based on Sample B; those for foreign-born white from complete count and those for total white, involving addition of native and foreign-born, are composite and therefore differ from corresponding figures presented elsewhere. See p. 1]

CLASS	1880	1890	1900	1910	1920	1930	1940
Total white	**43,402,970**	**55,101,258**	**66,809,196**	**81,731,957**	**94,820,915**	**110,286,740**	**118,701,558**
Native white	36,843,291	45,979,391	56,595,379	68,386,412	81,108,161	96,303,335	107,282,420
Native parentage	28,568,424	34,475,716	40,949,362	49,488,575	58,421,957	70,400,952	84,124,840
Foreign or mixed parentage	8,274,867	11,503,675	15,646,017	18,897,837	22,686,204	25,902,383	23,157,580
Foreign	6,363,769	8,085,019	10,632,280	12,916,311	15,694,539	17,407,527	15,183,740
Mixed	1,911,098	3,418,656	5,013,737	5,981,526	6,991,665	8,494,856	7,973,840
Foreign-born white	6,559,679	9,121,867	10,213,817	13,345,545	13,712,754	13,983,405	11,419,138
PERCENT OF TOTAL							
Total white	**86.5**	**87.5**	**87.9**	**88.9**	**89.7**	**89.8**	**89.8**
Native white	73.5	73.0	74.5	74.4	76.7	78.4	81.2
Native parentage	57.0	54.8	53.9	53.8	55.3	57.3	63.7
Foreign or mixed parentage	16.5	18.3	20.6	20.5	21.5	21.1	17.5
Foreign	12.7	12.8	14.0	14.0	14.8	14.2	11.5
Mixed	3.8	5.4	6.6	6.5	6.6	6.9	6.0
Foreign-born white	13.1	14.5	13.4	14.5	13.0	11.4	8.6

Source: Department of Commerce, Bureau of the Census; 15th Census Reports, Population, Vol. II, and special report of 16th Census, Nativity and Parentage of the White Population—General Characteristics.

No. 20.—White Population, by Mother Tongue: 1930 and 1940

[1940 data based on Sample B; see p. 1]

REGION AND MOTHER TONGUE	NUMBER					PERCENT DISTRIBUTION				
	1940				1930	1940				1930
			Native					Native		
	Total	Foreign born	Foreign or mixed parentage	Native parentage	Foreign born	Total	Foreign born	For. or mixed par.	Native par.	Foreign born
Total	**118,392,040**	**11,109,620**	**23,157,580**	**84,124,840**	**13,983,405**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Northwestern Europe:										
English	93,039,640	2,506,420	12,181,040	78,352,180	3,097,021	78.6	22.6	52.6	93.1	22.1
Norwegian	658,220	232,820	344,240	81,160	345,522	.6	2.1	1.5	.1	2.5
Swedish	830,900	423,200	374,040	33,660	615,465	.7	3.8	1.6	------	4.4
Danish	226,740	122,180	95,460	9,100	178,944	.2	1.1	.4	------	1.3
Dutch	267,140	102,700	103,240	61,200	133,142	.2	.9	.4	.1	1.0
Flemish	54,340	31,900	17,840	4,600	42,263	------	.3	.1	------	.3
French	1,412,060	359,520	533,760	518,780	523,297	1.2	3.2	2.3	.6	3.7
Central Europe:										
German	4,949,780	1,589,040	2,435,700	925,040	2,188,006	4.2	14.3	10.5	1.1	15.6
Polish	2,416,320	801,680	1,428,820	185,820	965,899	2.0	7.2	6.2	.2	6.9
Czech	520,440	159,640	279,040	81,760	201,138	.4	1.4	1.2	.1	1.4
Slovak	484,360	171,580	283,520	29,260	240,196	.4	1.5	1.2	------	1.7
Magyar (Hungarian)	453,000	241,220	198,600	13,180	250,393	.4	2.2	.9	------	1.8
Serbian	37,640	18,060	18,300	1,280	30,121	------	.2	.1	------	.2
Croatian	115,440	52,540	58,980	3,920	79,802	.1	.5	.3	------	.6
Slovenian	178,640	75,560	97,300	5,780	77,671	.2	.7	.4	------	.6
Eastern Europe:										
Russian	585,080	356,940	214,160	13,980	315,721	.5	3.2	.9	------	2.3
Ukrainian	83,600	35,540	45,280	2,780	58,685	.1	.3	.2	------	.4
Armenian	68,320	40,000	26,440	1,880	51,741	.1	.4	.1	------	.4
Lithuanian	272,680	122,660	140,620	9,400	165,053	.2	1.1	.6	------	1.2
Finnish	230,420	97,080	118,460	14,880	124,994	.2	.9	.5	------	.9
Rumanian	65,520	43,120	20,340	2,060	56,964	.1	.4	.1	------	.4
Yiddish	1,751,100	924,440	773,680	52,980	1,222,658	1.5	8.3	3.3	.1	8.7
So. Europe:										
Greek	273,520	165,220	102,140	6,160	189,066	.2	1.5	.4	------	1.4
Italian	3,766,820	1,561,100	2,080,680	125,040	1,808,289	3.2	14.1	9.0	.1	12.9
Spanish	1,861,400	428,360	714,060	718,980	743,286	1.6	3.9	3.1	.9	5.3
Portuguese	215,860	83,780	120,500	11,580	110,197	.2	.8	.5	------	.8
Arabic	107,420	50,940	52,760	3,720	67,830	.1	.5	.2	------	.5
All other	109,480	63,880	34,520	11,080	57,808	.1	.6	.1	------	
Not reported	3,356,160	248,500	264,060	2,843,600	42,233	2.8	2.2	1.1	3.4	

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Nativity and Parentage of the White Population—Mother Tongue.

No. 21.—Nativity and Parentage of the Foreign White Stock by Country of Origin: 1930 and 1940

1940 statistics for native white of foreign or mixed parentage based on Sample B; those for foreign-born white from complete count; those for total foreign white stock are composite. See page 1 for statement on population samples]

Country of origin	1930				1940			
	Total foreign white stock		Foreign-born white	Native white of foreign or mixed parentage	Total foreign white stock		Foreign-born white	Native white of foreign or mixed parentage
	Number	Percent			Number	Percent		
All countries	**39,885,788**	**100.0**	**13,983,405**	**25,902,383**	**34,576,718**	**100.0**	**11,419,138**	**23,157,580**
Northwestern Europe:								
England	2,522,273	6.3	808,684	1,713,589	1,975,975	5.7	621,975	1,354,000
Scotland	899,591	2.3	354,323	545,268	725,861	2.1	279,321	446,540
Wales	236,667	.6	60,205	176,462	148,260	.4	35,360	112,900
Northern Ireland	695,999	1.7	178,832	517,167	377,236	1.1	106,416	270,820
Irish Free State (Eire)	3,086,522	7.7	744,810	2,341,712	2,410,951	7.0	572,031	1,838,920
Norway	1,100,098	2.8	347,852	752,246	924,688	2.7	262,088	662,600
Sweden	1,562,703	3.9	595,250	967,453	1,301,390	3.8	445,070	856,320
Denmark	529,142	1.3	179,474	349,668	443,815	1.3	138,175	305,640
Iceland	7,413	------	2,764	4,649	6,584	------	2,104	4,480
Netherlands	413,966	1.0	133,133	280,833	372,384	1.1	111,064	261,320
Belgium	147,091	.4	64,194	82,897	130,358	.4	53,958	76,400
Luxemburg	34,869	.1	9,048	25,821	27,166	.1	6,886	20,280
Switzerland	374,003	.9	113,010	260,993	293,973	.9	88,293	205,680
France	471,638	1.2	135,265	336,373	349,050	1.0	102,930	246,120
Central Europe:								
Germany	6,873,103	17.2	1,608,814	5,264,289	5,236,612	15.1	1,237,772	3,998,840
Poland	3,342,198	8.4	1,268,583	2,073,615	2,905,859	8.4	993,479	1,912,380
Czechoslovakia	1,382,079	3.5	491,638	890,441	984,591	2.8	319,971	664,620
Austria	954,648	2.4	370,914	583,734	1,261,246	3.6	479,906	781,340
Hungary	590,768	1.5	274,450	316,318	662,068	1.9	290,228	371,840
Yugoslavia	469,395	1.2	211,416	257,979	383,393	1.1	161,093	222,300
Eastern Europe:								
Russia (U. S. S. R.)	2,669,838	6.7	1,153,624	1,516,214	2,610,244	7.5	1,040,884	1,569,360
Latvia	38,091	.1	20,673	17,418	34,656	.1	18,636	16,020
Estonia	5,317	------	3,550	1,767	6,658	------	4,178	2,480
Lithuania	439,195	1.1	193,606	245,589	394,811	1.1	165,771	229,040
Finland	320,536	.8	142,478	178,058	284,290	.8	117,210	167,080
Rumania	293,453	.7	146,393	147,060	247,700	.7	115,940	131,760
Bulgaria	14,929	------	9,399	5,530	15,688	------	8,888	6,800
Turkey in Europe	3,676	------	2,257	1,419	8,372	------	4,412	3,960
Southern Europe:								
Greece	303,751	.8	174,526	129,225	326,672	.9	163,252	163,420
Italy	4,546,877	11.4	1,790,424	2,756,453	4,594,780	13.3	1,623,580	2,971,200
Spain	111,338	.3	59,033	52,305	109,407	.3	47,707	61,700
Portugal	167,910	.4	69,993	97,917	176,407	.5	62,347	114,060
Other Europe [1]	70,113	.2	25,065	45,048	41,459	.1	19,819	21,640
Asia:								
Palestine	10,446	------	6,135	4,311	12,807	------	7,047	5,760
Syria	137,576	.3	57,227	80,349	138,599	.4	50,859	87,740
Turkey in Asia	77,283	.2	46,651	30,632	95,839	.3	52,479	43,360
Other Asia	84,622	.2	47,567	37,055	85,924	.2	39,524	46,400
America:								
Canada—French	1,106,159	2.8	370,852	735,307	908,386	2.6	273,366	635,020
Canada—Other	2,231,277	5.6	907,660	1,323,617	2,001,773	5.8	770,753	1,231,020
Newfoundland	45,733	.1	23,971	21,762	47,001	.1	21,361	25,640
Mexico	1,222,439	3.1	639,017	583,422	1,076,653	3.1	377,433	699,220
Cuba	32,685	.1	16,089	16,596	32,257	.1	15,277	16,980
Other West Indies	31,137	.1	15,511	15,626	33,457	.1	15,257	18,200
Central America	10,822	------	7,791	3,031	12,738	------	7,638	5,100
South America	48,538	.1	30,333	18,205	54,830	.2	28,770	26,060
All other:								
Australia	30,849	.1	12,720	18,129	26,898	.1	10,998	15,900
Azores	91,719	.2	35,432	56,287	74,351	.2	25,751	48,600
Other Atlantic Islands	9,712	------	4,053	5,659	8,592	------	3,232	5,360
All other and not reported	35,601	.1	18,716	16,885	194,009	.6	18,649	175,360

[1] Includes Albania.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Nativity and Parentage of the White Population—Country of Origin of the Foreign Stock.

No. 22.—Migration Status of the Population and Type of Migration, by Sex, for Selected Periods: 1935 to 1949

[Migrants defined: In 1940—Persons 5 years old and over who lived in different counties (or quasi counties) in 1940 and 1935. A city of 100,000 inhabitants or more is treated as one quasi county and remainder of county as another. In 1947—Persons who lived in different counties in 1947 and 1940. For children under 7 years of age, residence of mother when child was born was used in determining migration status. In 1948—Persons who lived in different counties in 1948 and 1947. For children under 1 year of age residence of mother when child was born was used in determining migration status. In 1949—Persons who lived in different counties in 1949 and 1948. The residence of children under one year of age was not obtained. 1947, 1948, and 1949 figures based on Current Population Survey, see Sampling Note, p. 183]

Migration status and type of migration	Number			Percent		
	Total	Male	Female	Total	Male	Female
APRIL 1935 TO APRIL 1940						
Total population, April 1940	**131,669,275**	**66,061,592**	**65,607,683**			
Born on or before Apr. 1, 1935	121,127,751	60,706,784	60,420,967	100.0	100.0	100.0
Reporting migration status	119,991,069	60,077,483	59,913,586	99.1	99.0	99.2
Nonmigrants	103,896,772	51,891,397	52,005,375	85.8	85.5	86.1
Migrants	15,734,798	7,995,097	7,739,701	13.0	13.2	12.8
Within a State	9,239,749	4,643,208	4,596,541	7.6	7.6	7.6
Between contiguous States	3,142,257	1,592,021	1,550,236	2.6	2.6	2.6
Between noncontiguous States	3,352,792	1,759,868	1,592,924	2.8	2.9	2.6
Persons abroad on Apr. 1, 1935	359,499	190,989	168,510	.3	.3	.3
Not reporting migration status	1,136,682	629,301	507,381	.9	1.0	.8
Born after Apr. 1, 1935	10,541,524	5,354,808	5,186,716			
APRIL 1940 TO APRIL 1947						
Total civilian population, April 1947	**142,061,000**	**70,128,000**	**71,933,000**			
Born on or before Apr. 1, 1940	122,633,000	60,218,000	62,415,000	100.0	100.0	100.0
Nonmigrants	96,565,000	47,439,000	49,126,000	78.7	78.8	78.7
Same house	52,136,000	25,425,000	26,711,000	42.5	42.2	42.8
Different house in same county	44,429,000	22,014,000	22,415,000	36.2	36.6	35.9
Migrants	25,469,000	12,491,000	12,978,000	20.8	20.7	20.8
Within a State	13,081,000	6,389,000	6,692,000	10.7	10.6	10 7
Between contiguous States	4,974,000	2,417,000	2,557,000	4.1	4.0	4.1
Between noncontiguous States	7,414,000	3,685,000	3,729,000	6.0	6.1	6.0
Persons abroad on Apr. 1, 1940	599,000	288,000	311,000	.5	.5	.5
Born after Apr. 1, 1940	19,428,000	9,910,000	9,518,000			
APRIL 1947 TO APRIL 1948						
Total civilian population, April 1948	**145,087,000**	**71,825,000**	**73,262,000**			
Born on or before Apr. 1, 1947	141,698,000	70,094,000	71,604,000	100.0	100.0	100.0
Nonmigrants	132,228,000	65,181,000	67,046,000	93.3	93.0	93.6
Same house	113,026,000	55,656,000	57,370,000	79.8	79.4	80.1
Different house in same county	19,202,000	9,525,000	9,676,000	13.6	13.6	13.5
Migrants	9,008,000	4,587,000	4,422,000	6.4	6.5	6.2
Within a State	4,638,000	2,319,000	2,319,000	3.3	3.3	3.2
Between contiguous States	1,749,000	896,000	853,000	1.2	1.3	1.2
Between noncontiguous States	2,621,000	1,372,000	1,250,000	1.8	2.0	1.7
Persons abroad on Apr. 1, 1947	462,000	326,000	136,000	.3	.5	.2
Born after Apr. 1, 1947	3,388,000	1,731,000	1,658,000			
APRIL 1948 TO APRIL 1949						
Total civilian population, April 1949	**147,415,000**	**72,814,000**	**74,601,000**			
Born on or before Apr. 1, 1948	144,101,000	71,118,000	72,983,000	100.0	100.0	100.0
Nonmigrants	135,289,000	66,524,000	68,765,000	93.9	93.5	94.2
Same house	116,498,000	57,321,000	59,177,000	80.8	80.6	81.1
Different house in same county	18,792,000	9,204,000	9,588,000	13.0	12.9	13.1
Migrants	8,335,000	4,301,000	4,034,000	5.8	6.0	5.5
Within a State	3,992,000	2,008,000	1,984,000	2.8	2.8	2.7
Between contiguous States	1,782,000	962,000	819,000	1.2	1.4	1.1
Between noncontiguous States	2,562,000	1,331,000	1,231,000	1.8	1.9	1.7
Persons abroad on Apr. 1, 1948	476,000	292,000	184,000	.3	.4	.3

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 14 and No. 22, and records.

No. 23.—Migration Status of the Civilian Population Born on or Before April 1, 1940, and Type of Migration, by Social and Economic Characteristics: 1947

[In thousands. See headnote, table 22]

Characteristic	Total civilian population, April 1947	Nonmigrants	Migrants by type of migration					Persons abroad on April 1, 1940
			Total	Percent of total population	Within a State	Between contiguous States	Between noncontiguous States	
RELATIONSHIP TO HEAD OF HOUSEHOLD								
Total, 7 years and over	**122,633**	**96,565**	**25,469**	**20.8**	**13,081**	**4,974**	**7,414**	**599**
In households	119,762	94,982	24,257	20.3	12,375	4,784	7,098	523
Head of household	38,980	31,354	7,471	19.2	3,775	1,497	2,199	155
Relative of head	76,408	61,173	14,923	19.5	7,769	2,901	4,253	312
Nonrelative of head	4,374	2,455	1,863	42.6	831	386	646	56
Not in households	2,871	1,583	1,212	42.2	706	190	316	76
YEARS OF SCHOOL COMPLETED								
Total, 25 to 34 years old	**22,627**	**15,724**	**6,693**	**29.6**	**3,025**	**1,415**	**2,253**	**210**
Grade school:								
Less than 7 years [1]	2,312	1,658	630	27.2	310	115	205	24
7 and 8 years	4,402	3,397	961	21.8	486	201	274	44
High school:								
1 to 3 years	4,997	3,610	1,342	26.9	685	266	391	45
4 years	7,630	5,313	2,263	29.7	956	536	771	54
College: 1 year or more	3,286	1,746	1,497	45.6	588	297	612	43
EMPLOYMENT STATUS								
Total, 14 years and over	**107,156**	**84,474**	**22,114**	**20.6**	**11,267**	**4,281**	**6,566**	**568**
In labor force	59,385	46,533	12,550	21.1	6,255	2,423	3,872	302
Employed	56,713	44,709	11,751	20.7	5,973	2,291	3,487	253
Unemployed	2,418	1,754	624	25.8	256	110	258	40
In armed forces [2]	254	70	175	68.9	26	22	127	9
Not in labor force	47,771	37,941	9,564	20.0	5,012	1,858	2,694	266
MAJOR OCCUPATION GROUP								
Males employed	**40,911**	**32,330**	**8,400**	**20.5**	**4,284**	**1,660**	**2,456**	**181**
Professional and semiprofessional workers	2,325	1,555	753	32.4	332	170	251	17
Farmers and farm managers	4,862	4,117	741	15.2	501	127	113	4
Props., mgrs., and officials, except farm	4,978	3,864	1,079	21.7	534	215	330	35
Clerical, sales, and kindred workers	4,904	3,920	957	19.5	474	169	314	27
Craftsmen, foremen, and kindred workers	7,379	5,822	1,531	20.7	763	340	428	26
Operatives and kindred workers	8,754	6,969	1,749	20.0	918	343	488	36
Domestic service workers	142	118	24	16.9	18	2	4	--
Service workers, except domestic	2,285	1,830	435	19.0	205	61	169	20
Farm laborers and foremen	1,954	1,529	421	21.5	234	80	107	4
Laborers, except farm and mine	3,328	2,606	710	21.3	305	153	252	12
Females employed	**15,802**	**12,379**	**3,351**	**21.2**	**1,689**	**631**	**1,031**	**72**
Professional and semiprofessional workers	1,547	1,042	498	32.2	291	75	132	7
Farmers and farm managers	265	237	28	10.6	20	7	1	--
Props., mgrs., and officials, except farm	778	622	155	19.9	67	38	50	1
Clerical, sales, and kindred workers	5,454	4,289	1,136	20.8	565	216	355	29
Craftsmen, foremen, and kindred workers	159	135	24	15.1	7	4	13	--
Operatives and kindred workers	3,419	2,775	619	18.1	304	117	198	25
Domestic service workers	1,685	1,345	337	20.0	164	66	107	3
Service workers, except domestic	1,770	1,340	423	23.9	192	91	140	7
Farm laborers and foremen	647	537	110	17.0	69	17	24	--
Laborers, except farm and mine	78	57	21	26.9	10	--	11	--

[1] Includes the category "School years not reported." [2] Includes only those living off post or with families on post.

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 14.

No. 24.—Native Population, Born in State of Residence and Born Elsewhere: 1850 to 1940

[See also *Historical Statistics*, series B 183–194]

YEAR	Total	Born in State of residence	BORN IN OTHER STATES		State of birth not reported	Born in outlying possessions	American citizens born abroad or at sea
			Number	Percent			
1850	[1] 17,742,961	13,457,049	4,251,250	24.0	34,662	----------	----------
1860	[1] 23,353,386	17,527,069	5,774,434	24.7	49,265	----------	2,618
1870	32,991,142	25,321,340	7,657,320	23.2	12,262	51	169
1880	43,475,840	33,882,734	9,592,764	22.1	----------	51	291
1890	[2] 53,372,703	41,871,611	11,094,108	20.8	396,652	322	10,010
1900	65,653,299	51,901,722	13,501,045	20.6	180,458	2,923	67,151
1910	78,456,380	61,185,305	16,910,114	21.6	285,685	7,365	67,911
1920	91,789,928	71,071,013	20,274,450	22.1	313,582	38,020	92,863
1930	108,570,897	82,677,619	25,388,100	23.4	238,469	136,032	130,677
1940	120,074,379	[3] 92,609,754	[3] 26,905,986	22.4	279,514	156,956	122,169

[1] White and free colored population only.
[2] Exclusive of population of Indian Territory and Indian reservations, specially enumerated in 1890, with a native population of 325,451 not distributed by State of birth. These areas were not enumerated prior to 1890.
[3] Revised.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, State of Birth of the Native Population and records.

No. 25.—Native Male and Female Population, by Geographic Division of Birth and of Residence: 1940

[Excludes small number of native persons born outside continental United States and persons for whom State of birth not reported. See also *Historical Statistics*, series B 195–230]

DIVISION AND SEX	BORN IN SPECIFIED DIVISION			Born in and living in the specified division	LIVING IN SPECIFIED DIVISION		
	Total	Living in other divisions			Total	Born in other divisions	
		Number	Percent			Number	Percent
Total [1]	**119,515,740**	**17,821,344**	**14.9**	**101,694,396**	**119,515,740**	**17,821,344**	**14.9**
MALE [1]							
United States	**59,628,562**	**9,018,057**	**15.1**	**50,610,505**	**59,628,562**	**9,018,057**	**15.1**
New England	3,555,641	422,102	11.9	3,133,539	3,392,769	259,230	7.6
Middle Atlantic	11,372,404	1,166,230	10.3	10,206,174	11,243,676	1,037,502	9.2
East North Central	11,884,272	1,650,900	13.9	10,233,372	12,005,548	1,772,176	14.8
West North Central	7,367,519	1,872,925	25.4	5,494,594	6,376,880	882,286	13.8
South Atlantic	8,967,138	1,106,622	12.3	7,860,516	8,677,089	816,573	9.4
East South Central	6,346,065	1,374,941	21.7	4,971,124	5,330,265	359,141	6.7
West South Central	6,339,454	867,277	13.7	5,472,177	6,387,079	914,902	14.3
Mountain	1,627,478	409,062	25.1	1,218,416	1,985,619	767,203	38.6
Pacific	2,168,591	147,998	6.8	2,020,593	4,229,637	2,209,044	52.2
FEMALE							
United States	**59,887,178**	**8,803,287**	**14.7**	**51,083,891**	**59,887,178**	**8,803,287**	**14.7**
New England	3,608,415	390,758	10.8	3,217,657	3,491,020	273,363	7.8
Middle Atlantic	11,520,634	1,086,435	9.4	10,434,199	11,527,168	1,092,969	9.5
East North Central	11,841,268	1,622,853	13.7	10,218,415	11,971,546	1,753,131	14.6
West North Central	7,337,895	1,886,129	25.7	5,451,766	6,321,390	869,624	13.8
South Atlantic	9,119,393	1,110,377	12.2	8,009,016	8,796,107	787,091	8.9
East South Central	6,347,030	1,316,753	20.7	5,030,277	5,386,155	355,878	6.6
West South Central	6,361,540	834,531	13.1	5,527,009	6,357,754	830,745	13.1
Mountain	1,606,138	420,726	26.2	1,185,412	1,876,058	690,646	36.8
Pacific	2,144,865	134,725	6.3	2,010,140	4,159,980	2,149,840	51.7

[1] Revised.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, State of Birth of the Native Population and records.

No. 26.—Movement of Farm Population: 1910 to 1949

[**In thousands.** Based on benchmark data from Censuses of Population and Agriculture, current enumerative sample surveys, and mailed questionnaires. See also *Historical Statistics*, series B 231–236]

Year	Farm population on Jan. 1	Change through natural increase	Change through migration			Change through change in classification of residence [3]
			Net farm-nonfarm migration	Arrivals from nonfarm areas [1]	Departures for nonfarm areas [2]	
1910	[4] 32,077	([5])	([5])	([5])	([5])	
1920	[6] 31,614	485	−336	560	896	
1925	30,830	491	−702	1,336	2,038	
1930	30,169	377	−325	1,740	2,065	+264
1935	[6] 31,801	375	−642	825	1,467	−157
1936	31,377	363	−690	719	1,409	−144
1937	30,906	375	−529	872	1,401	−132
1938	30,620	405	−420	823	1,243	−125
1939	30,480	410	−491	805	1,296	−130
1940	30,269	400	−681	690	1,371	
1941	29,988	417	−1,357	814	2,171	
1942	29,048	390	−2,779	819	3,598	
1943	26,659	355	−1,493	1,094	2,587	
1944	25,521	345	−676	917	1,593	
1945	25,190	354	+1,306	2,578	1,272	
1946	26,850	419	+281	1,783	1,502	
1947	27,550	483	−593	1,030	1,623	
1948	27,440	479	−143	1,237	1,380	
1949	27,776					

[1] For 1940 and subsequent years, includes persons returning from armed forces.
[2] For 1940 and subsequent years, includes (*a*) inductions and enlistments into armed forces, and (*b*) persons who have not moved but who are no longer in farm population because agricultural operations have ceased on place where they are living.
[3] Positive entry indicates net gain in farm population due to beginning of farming operations on units previously not classified as farms; negative entries represent net loss due to cessation of farming operations on such units.
[4] Estimated by Bureau of Census.
[5] Not available.
[6] Census enumeration.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics, and annual releases.

No. 27.—Marital Status of the Population 15 Years Old and Over, by Sex, 1890 to 1940, and by Urban and Rural, 1940

[1940 figures for "single" include unknown marital status]

Area and class	Population 15 years old and over						Percent of total		
	Total	Single	Married	Widowed	Divorced	Unknown	Single	Married	Widowed
MALE									
1890	20,777,872	8,655,711	11,205,205	815,437	49,100	52,419	41.7	53.9	3.9
1900	25,620,399	10,297,940	13,955,650	1,177,976	84,230	104,603	40.2	54.5	4.6
1910	32,425,805	12,550,129	18,092,600	1,471,390	156,162	155,524	38.7	55.8	4.5
1920	36,920,663	12,967,565	21,849,266	1,758,308	235,284	110,240	35.1	59.2	4.8
1930	43,881,021	14,953,712	26,327,109	2,025,036	489,478	85,686	34.1	60.0	4.6
1940	49,335,632	16,376,595	30,191,087	2,143,552	624,398		33.2	61.2	4.3
Urban	28,312,463	9,218,434	17,488,846	1,195,146	410,037		32.6	61.8	4.2
Rural-nonfarm	9,965,457	3,129,750	6,250,430	456,080	129,197		31.4	62.7	4.6
Rural-farm	11,057,712	4,028,411	6,451,811	492,326	85,164		36.4	58.3	4.5
FEMALE									
1890	19,602,178	6,233,316	11,124,785	2,154,598	71,883	17,596	31.8	56.8	11.0
1900	24,249,191	7,566,530	13,810,057	2,717,715	114,647	40,242	31.2	57.0	11.2
1910	30,047,325	8,933,170	17,684,687	3,176,228	185,068	68,172	29.7	58.9	10.6
1920	35,177,515	9,616,902	21,318,933	3,917,625	273,304	50,751	27.3	60.6	11.1
1930	42,837,149	11,306,653	26,170,756	4,734,207	573,148	52,385	26.4	61.1	11.1
1940	49,361,562	12,751,772	30,087,135	5,700,092	822,563		25.8	61.0	11.5
Urban	30,166,092	8,256,093	17,535,268	3,742,439	632,292		27.4	58.1	12.4
Rural-nonfarm	9,590,723	2,164,104	6,185,943	1,113,076	127,600		22.6	64.5	11.6
Rural-farm	9,604,747	2,331,575	6,365,924	844,577	62,671		24.3	66.3	8.8

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. IV, Part 1.

No. 28.—Marital Status of the Population 14 Years Old and Over, by Age and Sex: April 1940 and 1949

[**In thousands.** 1949 figures based on Current Population Survey; see Sampling Note, p. 183]

Age (years) and sex	Total population, April 1940					Civilian population, April 1949				
	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
Male	**50,554**	**17,593**	**30,192**	**2,144**	**624**	**53,448**	**13,952**	**36,474**	**2,181**	**842**
14 to 19	7,398	7,290	106	1	1	6,110	5,996	114	-------	-------
20 to 24	5,692	4,109	1,557	8	18	5,591	3,113	2,417	9	53
25 to 34	10,521	3,014	7,330	58	120	11,196	2,147	8,799	32	218
35 to 44	9,165	1,284	7,552	155	173	10,103	1,003	8,839	100	162
45 to 54	7,962	885	6,591	328	158	8,490	670	7,378	255	187
55 to 64	5,409	577	4,245	489	98	6,637	581	5,401	520	134
65 and over	4,406	434	2,811	1,104	57	5,321	442	3,526	1,265	88
Female	**50,549**	**13,936**	**30,090**	**5,700**	**823**	**56,001**	**11,174**	**37,013**	**6,582**	**1,233**
14 to 19	7,341	6,608	717	7	9	6,385	5,430	928	3	24
20 to 24	5,895	2,781	3,026	33	56	5,952	1,836	4,023	14	80
25 to 34	10,818	2,050	8,341	200	227	11,982	1,437	10,061	146	338
35 to 44	9,168	951	7,431	538	249	10,498	823	8,842	468	366
45 to 54	7,550	654	5,737	991	168	8,656	663	6,731	1,018	245
55 to 64	5,163	462	3,255	1,365	81	6,650	512	4,279	1,737	122
65 and over	4,613	429	1,584	2,567	33	5,879	474	2,150	3,196	58

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 26.

No. 29.—Households, Families, Subfamilies, Married Couples, and Individuals not in Families, by Type, for the United States, Urban and Rural: April 1949

[For definitions, see pp. 2, 3. See Sampling Note, p. 183]

Subject	Number				Percent			
	United States	Urban	Rural-nonfarm	Rural-farm	United States	Urban	Rural nonfarm	Rural-farm
HOUSEHOLDS								
All households	**42,107,000**	**25,792,000**	**9,257,000**	**7,058,000**	**100.0**	**100.0**	**100.0**	**100.0**
Head with no relatives in household	4,107,000	2,951,000	774,000	383,000	9.8	11.4	8.4	5.4
Head with relatives	38,000,000	22,841,000	8,483,000	6,676,000	90.2	88.6	91.6	94.6
FAMILIES								
All families	**38,537,000**	**23,287,000**	**8,531,000**	**6,720,000**	**100.0**	**100.0**	**100.0**	**100.0**
Husband-wife families	33,538,000	19,887,000	7,575,000	6,076,000	87.0	85.4	88.8	90.4
Other families with male head	1,287,000	809,000	214,000	264,000	3.3	3.5	2.5	3.9
Families with female head	3,713,000	2,591,000	741,000	381,000	9.6	11.1	8.7	5.7
Primary families [1]	38,000,000	22,841,000	8,483,000	6,676,000	98.6	98.1	99.4	99.3
Secondary families	388,000	320,000	32,000	36,000	1.0	1.4	.4	.5
Families in quasi households	149,000	126,000	15,000	8,000	.4	.5	.2	.1
SUBFAMILIES								
All subfamilies	**2,530,000**	**1,664,000**	**425,000**	**440,000**	**100.0**	**100.0**	**100.0**	**100.0**
Husband-wife subfamilies	1,785,000	1,214,000	291,000	281,000	70.6	73.0	68.5	63.9
Other subfamilies with male head	104,000	56,000	27,000	20,000	4.1	3.4	6.4	4.5
Subfamilies with female head	641,000	394,000	107,000	139,000	25.3	23.7	25.2	31.6
MARRIED COUPLES								
All married couples	**35,323,000**	**21,100,000**	**7,866,000**	**6,356,000**	**100.0**	**100.0**	**100.0**	**100.0**
With own household	33,167,000	19,576,000	7,541,000	6,050,000	93.9	92.8	95.9	95.2
Without own household	2,155,000	1,525,000	325,000	306,000	6.1	7.2	4.1	4.8
INDIVIDUALS NOT IN FAMILIES								
All individuals	**8,282,000**	**6,163,000**	**1,214,000**	**906,000**	**100.0**	**100.0**	**100.0**	**100.0**
In housholds	6,700,000	4,905,000	1,115,000	680,000	80.9	79.6	91.8	75.1
Primary individuals	4,107,000	2,951,000	774,000	383,000	49.6	47.9	63.8	42.3
Secondary individuals	2,593,000	1,953,000	342,000	298,000	31.3	31.7	28.2	32.9
In quasi households	1,583,000	1,258,000	99,000	226,000	19.1	20.4	8.2	24.9

[1] Same as head with relative in household.

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 26.

No. 30.—Households, by Color of Head, With Population Per Household: 1890 to 1949

[Figures for 1890 to 1940 based on complete census. Figures for 1941 to 1945 estimated on basis of number of marriages and divorces and allowances for wartime effects on household formation. Figures for 1946 to 1949 based on Current Population Survey, see Sampling Note, p. 183. Statistics for 1900, 1930, and subsequent years represent (private) households only; those for 1890, 1910, and 1920 include the small number of hotels, institutions, and other quasi households. For definition of households, see p. 2. See also *Historical Statistics*, series B 171–181]

DATE	HOUSEHOLDS				COLOR OF HEAD			
		Annual increase over preceding date			White		Nonwhite [3]	
	Number	Number	Percent [1]	Population per household [2]	Number	Percent	Number	Percent
1890 (June 1)	12,690,152			4.93	11,255,169	88.7	1,434,983	11.3
1900 (June 1)	15,963,965	327,381	2.32	4.76	14,063,791	88.1	1,900,174	11.9
1910 (Apr. 15)	20,255,555	434,371	2.44	4.54				
1920 (Jan. 1)	24,351,676	418,398	1.90	4.34	21,825,654	89.6	2,526,022	10.4
1930 (Apr. 1)	29,904,663	541,755	2.02	4.11	26,982,994	90.2	2,921,669	9.8
1940 (Apr. 1)	34,948,666	504,400	1.56	3.77	31,679,766	90.6	3,268,900	9.4
1941 (July 1)	35,850,000	721,000	2.06	3.67				
1942 (July 1)	36,450,000	600,000	1.67	3.59				
1943 (July 1)	36,875,000	425,000	1.17	3.46				
1944 (July 1)	37,100,000	225,000	67	3.41				
1945 (July 1)	37,500,000	400,000	1.08	3.40				
1946 (June 15)	38,183,000	711,000	1.90	3.61				
1947 (Apr. 15)	39,138,000	1,151,000	3.02	3.63	35,593,000	90.9	3,545,000	9.1
1948 (Apr. 15)	40,720,000	1,582,000	4.04	3.56				
1949 (Apr. 15)	42,107,000	1,387,000	3.41	3.50				

[1] Computed by compound interest formula.
[2] Obtained by dividing total population by number of households (members of armed forces excluded 1941 to 1949); hence not strictly average size of household because about 2 5 percent of total population are members of quasi households.
[3] The number of households with a Negro as head was 1,410,769 in 1890; 1,833,759 in 1900; 2,173,018 in 1910; 2,430,828 in 1920; 2,803,756 in 1930; and 3,141,883 in 1940.

Source: Department of Commerce, Bureau of the Census; Thirteenth Census Reports, Population, Vol. I; Sixteenth Census Reports, Population, Vol. IV, Part I; Families—General Characteristics; Population—Special Reports, Series P-46, Nos. 4, 6, and 7, and Series P-S, No. 16; Current Population Reports, Series P-20, Nos. 3, 11, and 26; and records.

No. 31.—Households, by Size, Urban and Rural: April 1940 and 1949

[1940 figures based on count of occupied dwelling units. 1949 figures based on Current Population Survey. See Sampling Note, p. 183. For definition of households and size of households see p. 2]

YEAR AND SIZE	NUMBER				PERCENT DISTRIBUTION			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
1940								
All households [1]	**34,854,532**	**20,596,500**	**7,151,473**	**7,106,559**	**100.0**	**100.0**	**100.0**	**100.0**
1 person	2,677,281	1,671,300	644,963	361,018	7 7	8 1	9 0	5.1
2 persons	8,630,461	5,441,258	1,801,065	1,388,138	24.8	26 4	25 2	19.5
3 persons	7,796,168	4,800,597	1,582,827	1,412,744	22 4	23.3	22.1	19.9
4 persons	6,324,525	3,800,367	1,262,203	1,261,955	18.1	18 5	17.6	17.8
5 persons	4,012,525	2,270,674	794,486	947,365	11 5	11.0	11.1	13.3
6 persons	2,359,857	1,233,089	470,957	655,811	6.8	6 0	6.6	9 2
7 or more persons	3,053,715	1,379,215	594,972	1,079,528	8 8	6 7	8.3	15.2
Median number [2]	3.28	3.16	3.21	3.81				
1949								
All households	**42,107,000**	**25,792,000**	**9,257,000**	**7,058,000**	**100.0**	**100.0**	**100.0**	**100.0**
1 person	3,381,000	2,370,000	672,000	340,000	8 0	9 2	7 3	4 8
2 persons	11,468,000	7,354,000	2,487,000	1,627,000	27 2	28 5	26.9	23.1
3 persons	10,168,000	6,312,000	2,264,000	1,591.000	24 1	24 5	24 5	22 5
4 persons	8,067,000	4,978,000	1,839,000	1,250,000	19 2	19.3	19 9	17 7
5 persons	4,395,000	2,479,000	1,042,000	874,000	10 4	9.6	11.3	12 4
6 persons	2,310,000	1,282,000	437,000	592,000	5.5	5 0	4 7	8 4
7 or more persons	2,319,000	1,019,000	516,000	786,000	5 5	4.0	5 6	11.1
Median number [2]	3 11	3.00	3.15	3.48				

[1] Number of occupied dwelling units.
[2] Median number of persons per household. For definition of median, see headnote, table 14, p. 13.

Source: Dept. of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 26.

No. 32.—Households, by Characteristics: April 1940 and 1949

[1940 figures based on Sample D; see p. 1. 1949 based on Current Population Survey, see Sampling Note, p. 183. For definition of households, see p. 2]

CHARACTERISTIC	ALL HOUSEHOLDS		MALE HEAD				FEMALE HEAD	
			Married, wife present		Other marital status			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
RESIDENCE								
All households, 1940	**35,087,440**	**100.0**	**26,605,800**	**100.0**	**3,128,400**	**100.0**	**5,353,240**	**100.0**
Urban	20,749,200	59.1	15,230,640	57.2	1,716,560	54.9	3,802,000	71.0
Rural-nonfarm	7,261,340	20.7	5,570,000	20.9	689,860	22.1	1,001,480	18.7
Rural-farm	7,076,900	20.2	5,805,160	21.8	721,980	23.1	549,760	10.3
All households, 1949	**42,107,000**	**100.0**	**33,167,000**	**100.0**	**2,628,000**	**100.0**	**6,312,000**	**100.0**
Urban	25,792,000	61 3	19,576,000	59 0	1,654,000	62 9	4,563,000	72.3
Rural-nonfarm	9,257,000	22 0	7,541,000	22.7	512,000	19.5	1,204,000	19.1
Rural-farm	7,058,000	16.8	6,050,000	18.2	462,000	17.6	546,000	8.7
COLOR OF HEAD								
All households, 1940	**35,087,440**	**100.0**	**26,605,800**	**100.0**	**3,128,400**	**100.0**	**5,353,240**	**100.0**
White	31,815,320	90.7	24,466,960	92.0	2,735,480	87.4	4,612,880	86.2
Nonwhite	3,272,120	9.3	2,138,840	8.0	392,920	12.6	740,360	13.8
AGE OF HEAD								
All households, 1940	**35,087,440**	**100.0**	**26,605,800**	**100.0**	**3,128,400**	**100.0**	**5,353,240**	**100.0**
Under 25 years	1,401,280	4.0	1,133,600	4.3	137,840	4.4	129,840	2.4
25 to 29 years	3,155,860	9 0	2,787,220	10 5	169,560	5.4	199,080	3.7
30 to 34 years	3,887,380	11 1	3,402,900	12 8	190,500	6.1	293,980	5.5
35 to 44 years	8,231,960	23.5	6,830,240	25 7	493,440	15 8	908,280	17.0
45 to 54 years	7,859,320	22.4	6,049,040	22 7	647,040	20.7	1,163,240	21.7
55 to 64 years	5,725,520	16.3	3,909,380	14.7	656,000	21.0	1,160,140	21.7
65 years and over	4,826,120	13.8	2,493,420	9.4	834,020	26.7	1,498,680	28.0
All households, 1949	**42,107,000**	**100.0**	**33,169,000**	**100.0**	**2,628,000**	**100.0**	**6,312,000**	**100.0**
Under 25 years	1,999,000	4.7	1,802,000	5.4	92,000	3.5	106,000	1 7
25 to 29 years	3,927,000	9 3	3,599,000	10.9	124,000	4.7	204,000	3.2
30 to 34 years	4,677,000	11 1	4,226,000	12 7	143,000	5.4	308,000	4.9
35 to 44 years	9,637,000	22 9	8,313,000	25 1	331,000	12 6	993,000	15.7
45 to 54 years	8,589,000	20.4	6,797,000	20.5	463,000	17 6	1,329,000	21.1
55 to 64 years	7,022,000	16.7	4,979,000	15.0	600,000	22.8	1,443,000	22 9
65 years and over	6,258,000	14.9	3,453,000	10.4	876,000	33.3	1,929,000	30.6
RELATED CHILDREN UNDER 18 YEARS OLD								
All households, 1940	**35,087,440**	**100.0**	**26,605,800**	**100.0**	**3,128,400**	**100.0**	**5,353,240**	**100.0**
No related children under 18	17,164,680	48 9	10,883,960	40 9	2,548,440	81.5	3,732,280	69 7
1 related child under 18	7,467,960	21.3	6,407,400	24.1	275,360	8.8	784,700	14.7
2 related children under 18	5,082,520	14.5	4,503,100	16.9	154,660	4.9	424,760	7.9
3 or more	5,372,280	15.3	4,811,340	18.1	149,440	4.8	411,500	7.7
All households, 1949	**42,107,000**	**100.0**	**33,169,000**	**100.0**	**2,628,000**	**100.0**	**6,312,000**	**100.0**
No related children under 18	20,456,000	48.6	13,602,000	41.0	2,228,000	84.8	4,626,000	73 3
1 related child under 18	9,097,000	21.6	8,106,000	24.4	197,000	7.5	791,000	12.5
2 related children under 18	6,746,000	16.0	6,195,000	18.7	114,000	4.3	437,000	6.9
3 or more	5,814,000	13.8	5,267,000	15.9	88,000	3.3	459,000	7.3

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 26.

No. 33.—Population in Households, by Relationship to Head and by Sex, and Population Outside Households, by Sex, Urban and Rural: 1940

[For definition of households, see p. 2]

Area and relationship to head	Total		Male		Female		Males per 100 females
	Number	Percent	Number	Percent	Number	Percent	
Total	**131,669,275**	**100.0**	**66,061,592**	**100.0**	**65,607,683**	**100.0**	**100.7**
In households	128,427,069	97.5	64,039,104	96.9	64,387,965	98.1	99.5
Not in households [1]	3,242,206	2.5	2,022,488	3.1	1,219,718	1.9	165.8
Heads of quasi households	80,122	------	49,800	------	30,322	------	164.2
In households	**128,427,069**	**100.0**	**64,039,104**	**100.0**	**64,387,965**	**100.0**	**99.5**
Head (number of households)	34,948,666	27.2	29,679,718	46.3	5,268,948	8.2	563.3
Wife	26,570,502	20.7	------	------	26,570,502	41.3	------
Child	51,304,634	39.9	26,826,049	41.9	24,478,585	38.0	109.6
Grandchild	2,394,462	1.9	1,233,290	1.9	1,161,172	1.8	106.2
Parent	2,226,755	1.7	623,839	1.0	1,602,916	2.5	38.9
Other relative	5,485,672	4.3	2,711,422	4.2	2,774,250	4.3	97.7
Lodger	4,462,606	3.5	2,637,845	4.1	1,824,761	2.8	144.6
Servant or hired hand	1,033,772	.8	326,941	.5	706,831	1.1	46.3
Urban, total	**74,423,702**	**100.0**	**36,363,706**	**100.0**	**38,059,996**	**100.0**	**95.5**
In households	72,393,593	97.3	35,173,862	96.7	37,219,731	97.8	94.5
Not in households [1]	2,030,109	2.7	1,189,844	3.3	840,265	2.2	141.6
Heads of quasi households	60,333	------	35,008	------	24,425	------	147.0
In households	**72,393,593**	**100.0**	**35,173,862**	**100.0**	**37,219,731**	**100.0**	**94.5**
Head (number of households)	20,648,432	28.5	16,916,050	48.1	3,732,382	10.0	453.2
Wife	15,224,707	21.0	------	------	15,224,707	40.9	------
Child	26,835,368	37.1	13,744,743	39.1	13,090,625	35.2	105.0
Grandchild	1,145,499	1.6	581,219	1.7	564,280	1.5	103.0
Parent	1,358,810	1.9	353,807	1.0	1,005,003	2.7	35.2
Other relative	3,341,897	4.6	1,618,425	4.6	1,723,472	4.6	93.9
Lodger	3,327,810	4.6	1,921,273	5.5	1,406,537	3.8	136.6
Servant or hired hand	511,070	.7	38,345	.1	472,725	1.3	8.1
Rural-nonfarm, total	**27,029,385**	**100.0**	**13,757,516**	**100.0**	**13,271,869**	**100.0**	**103.7**
In households	26,013,505	96.2	13,055,117	94.9	12,958,388	97.6	100.7
Not in households [1]	1,015,880	3.8	702,399	5.1	313,481	2.4	224.1
Heads of quasi households	16,792	------	11,472	------	5,320	------	215.6
In households	**26,013,505**	**100.0**	**13,055,117**	**100.0**	**12,958,388**	**100.0**	**100.7**
Head (number of households)	7,225,889	27.8	6,231,971	47.7	993,918	7.7	627.0
Wife	5,556,493	21.4	------	------	5,556,493	42.9	------
Child	10,611,626	40.8	5,564,345	42.6	5,047,281	38.9	110.2
Grandchild	481,070	1.8	247,635	1.9	233,435	1.8	106.1
Parent	389,264	1.5	117,888	.9	271,406	2.1	43.4
Other relative	916,895	3.5	470,670	3.6	446,225	3.4	105.5
Lodger	666,826	2.6	398,204	3.1	268,622	2.1	148.2
Servant or hired hand	165,412	.6	24,404	.2	141,008	1.1	17.3
Rural-farm, total	**30,216,188**	**100.0**	**15,940,370**	**100.0**	**14,275,818**	**100.0**	**111.7**
In households	30,019,971	99.4	15,810,125	99.2	14,209,846	99.5	111.3
Not in households [1]	196,217	.6	130,245	.8	65,972	.5	197.4
Heads of quasi households	2,997	------	2,420	------	577	------	419.4
In households	**30,019,971**	**100.0**	**15,810,125**	**100.0**	**14,209,846**	**100.0**	**111.3**
Head (number of households)	7,074,345	23.6	6,531,697	41.3	542,648	3.8	1,203.7
Wife	5,789,302	19.3	------	------	5,789,302	40.7	------
Child	13,857,640	46.2	7,516,961	47.5	6,340,679	44.6	118.6
Grandchild	767,893	2.6	404,436	2.6	363,457	2.6	111.3
Parent	478,651	1.6	152,144	1.0	326,507	2.3	46.6
Other relative	1,226,880	4.1	622,327	3.9	604,553	4.3	102.9
Lodger	467,970	1.6	318,368	2.0	149,602	1.1	212.8
Servant or hired hand	357,290	1.2	264,192	1.7	93,098	.7	283.8

[1] Persons living in large lodging houses, hotels for transients, institutions, etc.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. IV. Part 1.

No. 34.—Gross and Net Reproduction Rates, by Color, Urban and Rural Residence, and Regions: 1905 to 1910, 1930 to 1935, 1935 to 1940, 1942 to 1947, and 1944 to 1949.

[Statistics for 1905 to 1910 based on Sample W, and those for 1930 to 1935 and 1935 to 1940 based on Sample C (see p. 1); statistics for 1942 to 1947 and for 1944 to 1949 based on Current Population Survey made in April 1947 and April 1949, see Sampling Note, p. 183. Urban-rural classification is in accordance with 1940 definitions; see p. 2. A net reproduction rate of 1,000 means that each generation would just replace itself, if birth and death rates of a specified period were to continue indefinitely, in the absence of net immigration. A rate above 1,000 implies a potentially gaining population, and a rate below 1,000, a potentially declining population. A gross reproduction rate of 1,000 means that if all women born at the beginning of a generation were to live through their reproductive period and continue birth rates existing at the time of their birth, they would barely reproduce themselves, assuming no migration from outside the area. Where gross reproduction rate is less than 1,000, no improvement in mortality alone would prevent a potential decline in population]

COLOR AND AREA	NET REPRODUCTION RATE					GROSS REPRODUCTION RATE			
	1905–10	1930–35	1935–40	1942–47	1944–49	1905–10	1930–35	1935–40	1942–47
COLOR									
All classes	**1,336**	**984**	**978**	**1,292**	**1,385**	**1,793**	**1,108**	**1,101**	**1,402**
White	1,339	972	957	1,269	(1)	1,740	1,080	1,063	1,365
Nonwhite	1,329	1,074	1,137	1,459	(1)	2,240	1,336	1,413	1,713
AREA									
United States	**1,336**	**984**	**978**	**1,292**	**1,385**	**1,793**	**1,108**	**1,101**	**1,402**
Urban	937	747	726	1,085	1,186	1,298	839	815	1,177
Rural-nonfarm	1,499	1,150	1,150	1,465	1,628	1,956	1,296	1,294	1,586
Rural-farm	2,022	1,632	1,661	1,859	1,806	2,663	1,844	1,878	2,029
The Northeastern States [2]	1,120	828	794	1,123	(1)	1,476	919	881	1,203
The North Central States [3]	1,308	942	944	1,267	(1)	1,626	1,044	1,045	1,356
The South [4]	1,614	1,197	1,182	1,447	(1)	2,393	1,382	1,363	1,610
The West [5]	1,166	892	941	1,332	(1)	1,479	1,003	1,057	1,440

[1] Not available.
[2] New England and Middle Atlantic.
[3] East and West North Central.
[4] South Atlantic and East and West South Central.
[5] Mountain and Pacific.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Differential Fertility, 1940 and 1910—Standardized Fertility Rates and Reproduction Rates; and Current Population Reports, Series P–20, Nos. 18 and 27.

No. 35.—Annual Gross and Net Reproduction Rates, by Color: 1940 to 1948

[Statistics based on births reported by National Office of Vital Statistics, adjusted for under registration, and on annual life tables and population estimates by age. For meaning of gross and net reproduction rates, see headnote, table 34. For earlier annual gross reproduction rates, see *Historical Statistics*, series C 37]

YEAR	NET REPRODUCTION RATE			GROSS REPRODUCTION RATE		
	All classes	White	Nonwhite	All classes	White	Nonwhite
1940	1,023	1,000	1,205	1,116	1,079	1,414
1941	1,076	1,054	1,252	1,169	1,133	1,468
1942	1,190	1,173	1,316	1,282	1,252	1,511
1943	1,233	1,214	1,385	1,329	1,297	1,584
1944	1,171	1,141	1,385	1,258	1,216	1,577
1945	1,144	1,111	1,382	1,224	1,180	1,564
1946	1,359	1,340	1,515	1,443	1,411	1,688
1947	1,524	1,502	1,693	1,613	1,578	1,875
1948	1,462	1,415	1,798	1,542	1,484	1,975

Source: 1940–45, Department of Commerce, Bureau of the Census; Population—Special Reports, Series P–47, No. 2. 1946–48, Federal Security Agency, Public Health Service, National Office of Vital Statistics; Vital Statistics—Special Reports, Vol. 35, No. 10.

No. 36.—Number of Children Ever Born Per 1,000 Women 15 to 74 Years Old, by Age and Color of Woman, Urban and Rural: 1940

[Statistics based on Sample C; see p. 1. Rate per 1,000 women based on total women, except women ever married (married, widowed, or divorced) not reporting on children; rate per 1,000 women ever married based on women ever married reporting on children]

Area, color, and age of woman	Total women	Women ever married			Children ever born			
		Total	Number reporting on children		Number of children	Per 1,000 women	Per 1,000 women ever married	Per 1,000 mothers
			Total	Mothers				
UNITED STATES								
All classes, 15 to 74 years	**47,666,800**	**35,108,480**	**30,648,780**	**24,424,820**	**77,584,802**	**1,796**	**2,531**	**3,176**
15 to 19 years	6,149,940	734,620	574,280	292,160	367,780	61	640	1,259
20 to 24 years	5,885,060	3,115,580	2,627,980	1,665,780	2,724,440	505	1,037	1,636
25 to 29 years	5,608,720	4,342,140	3,771,240	2,726,160	5,684,032	1,128	1,507	2,085
30 to 34 years	5,144,160	4,395,080	3,871,460	3,041,000	7,751,958	1,678	2,002	2,549
35 to 44 years	9,096,120	8,151,240	7,204,680	5,970,040	18,906,804	2,320	2,624	3,167
45 to 54 years	7,473,720	6,825,820	6,021,880	5,102,140	18,806,900	2,820	3,123	3,686
55 to 74 years	8,309,080	7,544,000	6,577,260	5,627,540	23,342,888	3,179	3,549	4,148
White, 15 to 74 years	**43,023,060**	**31,582,560**	**27,660,360**	**22,200,820**	**69,383,334**	**1,774**	**2,508**	**3,125**
15 to 19 years	5,455,800	604,160	471,200	231,740	286,120	54	607	1,235
20 to 24 years	5,223,220	2,698,060	2,281,420	1,440,120	2,270,340	472	995	1,576
25 to 29 years	4,985,440	3,836,500	3,343,200	2,432,660	4,885,916	1,088	1,461	2,008
30 to 34 years	4,612,540	3,928,520	3,470,700	2,754,640	6,815,398	1,640	1,964	2,474
35 to 44 years	8,143,920	7,269,620	6,449,780	5,403,860	16,688,124	2,279	2,587	3,088
45 to 54 years	6,854,360	6,237,520	5,517,500	4,697,620	17,025,804	2,775	3,086	3,624
55 to 74 years	7,747,780	7,008,180	6,126,560	5,240,180	21,411,632	3,118	3,495	4,086
Nonwhite, 15 to 74 years	**4,643,740**	**3,525,920**	**2,988,420**	**2,224,000**	**8,201,468**	**1,997**	**2,744**	**3,688**
15 to 19 years	694,140	130,460	103,080	60,420	81,660	122	792	1,352
20 to 24 years	661,840	417,520	346,560	225,660	454,100	769	1,310	2,012
25 to 29 years	623,280	505,640	428,040	293,500	798,116	1,463	1,865	2,719
30 to 34 years	531,620	466,560	400,760	286,360	936,560	2,011	2,337	3,271
35 to 44 years	952,200	881,620	754,900	566,180	2,218,680	2,688	2,939	3,919
45 to 54 years	619,360	588,300	504,380	404,520	1,781,096	3,326	3,531	4,403
55 to 74 years	561,300	535,820	450,700	387,360	1,931,256	4,056	4,285	4,986
URBAN								
Total, 15 to 74 years	**29,137,040**	**21,037,480**	**18,448,440**	**14,095,780**	**40,110,912**	**1,511**	**2,174**	**2,846**
15 to 19 years	3,326,760	307,420	250,420	114,220	141,700	43	566	1,241
20 to 24 years	3,580,000	1,696,040	1,449,040	810,680	1,226,720	368	847	1,513
25 to 29 years	3,498,400	2,575,900	2,249,040	1,494,560	2,743,184	865	1,220	1,835
30 to 34 years	3,231,960	2,683,500	2,368,600	1,759,280	3,907,020	1,339	1,650	2,221
35 to 44 years	5,751,500	5,049,860	4,471,080	3,568,900	9,787,860	1,892	2,189	2,743
45 to 54 years	4,688,800	4,212,360	3,724,660	3,067,840	10,008,316	2,382	2,687	3,262
55 to 74 years	5,059,620	4,512,400	3,935,600	3,280,300	12,296,112	2,743	3,124	3,748
RURAL-NONFARM								
Total, 15 to 74 years	**9,262,760**	**7,114,800**	**6,216,160**	**5,086,120**	**16,585,860**	**1,983**	**2,668**	**3,261**
15 to 19 years	1,244,180	193,240	154,640	83,120	105,080	87	680	1,264
20 to 24 years	1,183,180	743,620	627,700	435,760	730,980	685	1,165	1,677
25 to 29 years	1,145,160	960,920	836,640	649,780	1,448,488	1,419	1,731	2,229
30 to 34 years	1,042,500	933,440	827,020	680,920	1,856,756	1,984	2,245	2,727
35 to 44 years	1,694,100	1,557,760	1,380,700	1,177,420	3,942,132	2,599	2,855	3,348
45 to 54 years	1,314,240	1,215,560	1,072,000	920,800	3,565,056	3,045	3,326	3,872
55 to 74 years	1,639,400	1,510,260	1,317,460	1,138,320	4,937,368	3,413	3,748	4,337
RURAL-FARM								
Total, 15 to 74 years	**9,267,000**	**6,956,200**	**5,984,180**	**5,242,920**	**20,888,030**	**2,518**	**3,491**	**3,984**
15 to 19 years	1,579,000	233,960	169,220	94,820	121,000	80	715	1,276
20 to 24 years	1,121,880	675,920	551,240	419,340	766,740	769	1,391	1,828
25 to 29 years	965,160	805,320	685,560	581,820	1,492,360	1,765	2,177	2,565
30 to 34 years	869,700	778,140	675,840	600,800	1,988,182	2,591	2,942	3,309
35 to 44 years	1,650,520	1,543,620	1,352,900	1,223,720	5,176,812	3,546	3,826	4,230
45 to 54 years	1,470,680	1,397,900	1,225,220	1,113,500	5,233,528	4,032	4,272	4,700
55 to 74 years	1,610,060	1,521,340	1,324,200	1,208,920	6,109,408	4,324	4,614	5,054

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Differential Fertility, 1940 and 1910—Fertility for States and Large Cities; and records of revised figures.

No. 37.—Number of Children Ever Born Per 1,000 Native White Women of Completed Fertility (45 to 54 Years Old) Ever Married and Reporting on Children, by Selected Social and Economic Characteristics: 1940

[Statistics based on Sample C; see p. 1]

ITEM	WOMEN EVER MARRIED, REPORTING ON CHILDREN EVER BORN			CHILDREN EVER BORN		
	Total women	Percent childless [1]	Mothers	Number	Per 1,000 women	Per 1,000 mothers
United States	**4,414,560**	**15.9**	**3,713,740**	**13,097,576**	**2,967**	**3,527**
RESIDENCE						
Urban	2,530,020	19.1	2,046,040	6,147,498	2,430	3,005
Cities of 250,000 inhabitants or more	910,300	22.6	704,460	1,969,346	2,163	2,796
Places of 25,000 to 250,000	964,920	18.3	788,800	2,390,422	2,477	3,030
Places of 2,500 to 25,000	654,800	15.6	552,780	1,787,730	2,730	3,234
Rural-nonfarm	883,480	14.3	757,200	2,816,200	3,188	3,719
Rural-farm	1,001,060	9.0	910,500	4,133,878	4,130	4,540
YEARS OF SCHOOL COMPLETED						
No school years completed	53,580	8.6	48,960	258,191	4,819	5,274
Grade school: 1 to 4 years	282,120	9.4	255,500	1,286,312	4,559	5,034
5 and 6 years	495,920	10.9	441,640	1,970,009	3,972	4,461
7 and 8 years	1,787,820	14.7	1,525,600	5,471,144	3,060	3,586
High school: 1 to 3 years	726,080	17.4	599,600	1,903,828	2,622	3,175
4 years	636,400	21.2	501,600	1,304,549	2,050	2,601
College: 1 to 3 years	269,540	20.2	215,060	563,273	2,090	2,619
4 years or more	135,000	24.5	101,880	248,721	1,842	2,441
School years not reported	28,100	14.9	23,900	91,549	3,258	3,831
MONTHLY RENTAL VALUE OF HOME						
Less than $5	316,180	7.5	292,420	1,504,601	4,759	5,145
$5 to $9	481,020	9.4	435,880	2,007,913	4,174	4,607
$10 to $14	488,440	11.7	431,300	1,771,531	3,627	4,107
$15 to $19	420,660	13.7	370,700	1,365,400	3,178	3,683
$20 to $29	782,860	15.5	661,700	2,202,764	2,814	3,329
$30 to $39	607,220	18.7	493,680	1,471,398	2,423	2,980
$40 to $49	375,740	19.6	302,120	838,117	2,231	2,774
$50 to $74	458,320	20.8	363,080	936,254	2,043	2,579
$75 to $99	133,360	21.9	104,100	262,012	1,965	2,517
$100 and over	150,180	20.2	119,800	302,083	2,011	2,522
Rental not reported	191,580	27.5	138,960	435,503	2,273	3,134
MARITAL STATUS						
Married, husband present	3,571,980	15.5	3,018,280	10,799,126	3,023	3,578
Married once	3,114,620	15.2	2,642,080	9,548,725	3,066	3,614
Married more than once	432,100	18.2	353,380	1,166,670	2,700	3,301
Married unknown times	25,260	9.7	22,820	83,731	3,315	3,669
Married, husband absent	151,700	18.2	124,020	417,847	2,754	3,369
Widowed and divorced	690,880	17.3	571,440	1,880,603	2,722	3,291
AGE AT MARRIAGE (For women married once, husband present)						
Less than 18 years	251,440	3.8	241,980	1,317,932	5,242	5,446
18 and 19 years	553,300	6.2	519,260	2,252,062	4,070	4,337
20 and 21 years	681,800	10.4	610,800	2,225,595	3,264	3,644
22 to 24 years	715,620	13.6	618,600	1,998,689	2,793	3,231
25 and 26 years	326,820	19.6	262,780	742,284	2,271	2,825
27 to 29 years	228,360	24.2	173,140	447,739	1,961	2,586
30 to 34 years	162,600	35.2	105,380	229,923	1,414	2,182
35 to 39 years	55,360	59.8	22,240	38,036	687	1,710
40 years or more	38,260	88.1	4,540	9,761	255	2,150
Age at marriage not reported	101,060	17.5	83,360	286,704	2,837	3,439

[1] For number of childless women, deduct number of "mothers" from number of "total women."

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Differential Fertility, 1940 and 1910—Women by Number of Children Ever Born.

No. 38.—Women 15 to 49 Years Old, by Age and Color of Woman, and Number of Own Children Under 5 Years Old, Urban and Rural: 1940

[Statistics based on Sample C; see p. 1. See also *Historical Statistics*, series C 22-23]

Area, color, and age of woman	Total women	Women with specified number of children under 5 years old				Number of children	
		None	1	2	3 or more	Total	Per 1,000 women
UNITED STATES							
All classes, 15 to 49 years	**35,885,300**	**28,440,480**	**5,242,260**	**1,818,580**	**383,980**	**10,070,260**	**281**
15 to 19 years	6,149,940	5,844,940	252,480	48,200	4,320	362,120	59
20 to 24 years	5,885,060	4,229,320	1,093,500	460,220	102,020	2,328,700	396
25 to 29 years	5,608,720	3,454,100	1,439,420	582,040	133,160	3,016,800	538
30 to 34 years	5,144,160	3,482,600	1,183,260	396,120	82,180	2,231,340	434
35 to 39 years	4,768,260	3,741,160	754,860	224,500	47,740	1,352,380	284
40 to 44 years	4,327,860	3,838,780	385,660	90,380	13,040	606,600	140
45 to 49 years	4,001,300	3,849,580	133,080	17,120	1,520	172,320	43
White, 15 to 49 years	**32,072,200**	**25,349,980**	**4,847,500**	**1,574,060**	**300,660**	**8,927,580**	**278**
15 to 19 years	5,455,800	5,214,240	204,940	34,140	2,480	280,920	51
20 to 24 years	5,223,220	3,762,400	992,280	391,040	77,500	2,012,880	385
25 to 29 years	4,985,440	3,008,940	1,356,440	514,300	105,760	2,712,820	544
30 to 34 years	4,612,540	3,071,160	1,122,240	352,780	66,360	2,034,500	441
35 to 39 years	4,235,900	3,305,060	702,240	191,560	37,040	1,200,620	283
40 to 44 years	3,908,020	3,467,800	352,500	77,140	10,580	539,520	138
45 to 49 years	3,651,280	3,520,380	116,860	13,100	940	146,320	40
Nonwhite, 15 to 49 years	**3,813,100**	**3,090,500**	**394,760**	**244,520**	**83,320**	**1,142,680**	**300**
15 to 19 years	694,140	630,700	47,540	14,060	1,840	81,200	117
20 to 24 years	661,840	466,920	101,220	69,180	24,520	315,820	477
25 to 29 years	623,280	445,160	82,980	67,740	27,400	303,980	488
30 to 34 years	531,620	411,440	61,020	43,340	15,820	196,840	370
35 to 39 years	532,360	436,100	52,620	32,940	10,700	151,760	285
40 to 44 years	419,840	370,980	33,160	13,240	2,460	67,080	160
45 to 49 years	350,020	329,200	16,220	4,020	580	26,000	74
URBAN							
Total, 15 to 49 years	**21,910,900**	**18,181,580**	**2,816,920**	**770,960**	**141,440**	**4,799,500**	**219**
15 to 19 years	3,326,760	3,210,440	98,560	16,220	1,540	135,840	41
20 to 24 years	3,580,000	2,787,500	567,860	188,980	35,660	1,056,620	295
25 to 29 years	3,498,400	2,357,040	831,920	259,240	50,200	1,506,300	431
30 to 34 years	3,231,960	2,337,860	682,040	180,540	31,520	1,141,600	353
35 to 39 years	2,998,620	2,491,360	401,440	88,480	17,340	632,640	211
40 to 44 years	2,752,880	2,534,600	181,760	31,880	4,640	260,020	94
45 to 49 years	2,522,280	2,462,780	53,340	5,620	540	66,480	26
RURAL-NONFARM							
Total, 15 to 49 years	**7,010,980**	**5,252,100**	**1,204,200**	**456,900**	**97,780**	**2,420,800**	**345**
15 to 19 years	1,244,180	1,156,980	72,700	13,560	940	102,660	83
20 to 24 years	1,183,180	748,380	278,160	127,640	29,000	622,500	526
25 to 29 years	1,145,160	630,840	328,400	150,740	35,180	739,220	646
30 to 34 years	1,042,500	665,160	263,540	94,020	19,780	513,040	492
35 to 39 years	915,760	694,980	160,740	50,080	9,960	291,960	319
40 to 44 years	778,340	680,860	76,620	18,180	2,680	121,260	156
45 to 49 years	701,860	674,900	24,040	2,680	240	30,160	43
RURAL-FARM							
Total, 15 to 49 years	**6,963,420**	**5,006,800**	**1,221,140**	**590,720**	**144,760**	**2,849,960**	**409**
15 to 19 years	1,579,000	1,477,520	81,220	18,420	1,840	123,620	78
20 to 24 years	1,121,880	693,440	247,480	143,600	37,360	649,580	579
25 to 29 years	965,160	466,220	279,100	172,060	47,780	771,280	799
30 to 34 years	869,700	479,580	237,680	121,560	30,880	576,700	663
35 to 39 years	853,880	554,820	192,680	85,940	20,440	427,780	501
40 to 44 years	796,640	623,320	127,280	40,320	5,720	225,320	283
45 to 49 years	777,160	711,900	55,700	8,820	740	75,680	97

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Differential Fertility, 1940 and 1910—Fertility for States and Large Cities.

No. 39.—Institutional Population 14 Years Old and Over—Summary for the United States: 1940

[Figures cover persons who were reported in the 1940 census as inmates of public or private institutions of specified types. Officials and attendants were excluded, as were patients in general hospitals and tuberculosis sanitariums. Persons in religious institutions and Veterans' Administration facilities were included only if the establishment had a majority of delinquents, mental patients, aged, or incurables]

SUBJECT	NUMBER OF INMATES						
	Total		Prison or reformatory [1]	Local jail or workhouse	Mental institution	Home for aged, infirm, or needy	Other and not reported
	Number	Percent					
Total, 14 years old and over	**1,176,993**	**100.0**	**217,919**	**99,249**	**591,365**	**245,026**	**23,434**
Regions:							
The North	744,820	63.3	110,839	42,291	402,470	173,961	15,259
The South	305,755	26.0	83,620	41,492	129,852	46,358	4,433
The West	126,418	10.7	23,460	15,466	59,043	24,707	3,742
Urban-rural residence:							
Urban	488,836	41.5	64,719	68,232	224,700	120,319	10,866
Rural-nonfarm	554,275	47.1	123,654	22,812	318,307	79,462	10,040
Rural-farm	133,882	11.4	29,546	8,205	48,358	45,245	2,528
Color and nativity:							
White	1,008,090	85.6	152,994	66,042	536,629	231,538	20,887
Native	825,868	70.2	142,909	59,696	428,912	176,229	18,122
Foreign-born	182,222	15.5	10,085	6,346	107,717	55,309	2,765
Nonwhite	168,903	14.4	64,925	33,207	54,736	13,488	2,547
Sex:							
Male	767,474	65.2	202,098	90,040	317,812	145,597	11,927
Female	409,519	34.8	15,821	9,209	273,553	99,429	11,507
Age:							
14 to 17 years	90,483	7.7	23,967	7,491	19,382	34,922	4,721
18 and 19 years	40,011	3.4	14,187	6,786	12,383	5,041	1,614
20 to 24 years	94,862	8.1	38,456	17,753	33,661	2,745	2,247
25 to 34 years	194,750	16.5	69,155	28,487	90,342	3,483	3,283
35 to 44 years	195,801	16.6	41,880	20,464	119,183	11,360	2,914
45 to 54 years	190,402	16.2	19,541	11,140	129,530	27,149	3,042
55 to 64 years	148,719	12.6	7,882	5,111	98,910	34,696	2,120
65 years and over	221,965	18.9	2,851	2,017	87,974	125,630	3,493
Marital status:							
Single	671,332	57.0	128,952	56,168	342,945	128,557	14,710
Married	321,471	27.3	70,344	35,011	178,554	31,944	5,618
Widowed	138,297	11.8	6,731	3,462	49,310	76,456	2,338
Divorced	45,893	3.9	11,892	4,608	20,556	8,069	768
Citizenship:							
Citizen—Native	991,457	84.2	207,178	92,540	481,737	189,366	20,636
Citizen—Naturalized	71,350	6.1	3,454	2,318	35,897	28,163	1,518
Alien—First papers	5,377	.5	622	518	2,418	1,697	122
Alien—No papers	66,217	5.6	5,656	2,776	38,285	18,766	734
Citizenship not reported	42,592	3.6	1,009	1,097	33,028	7,034	424
Years of school completed:							
Total, 25 years old and over	951,637	100.0	141,309	67,219	525,939	202,318	14,852
No school years completed	100,265	10.5	10,533	3,470	68,362	17,065	835
Grade school: 1 to 4 years	126,909	13.3	27,225	10,464	59,972	27,524	1,724
5 or 6 years	108,194	11.4	23,526	8,997	49,223	24,549	1,899
7 or 8 years	243,179	25.6	41,970	17,067	126,577	53,142	4,423
High school: 1 to 3 years	67,545	7.1	21,260	8,485	25,301	11,037	1,462
4 years	47,565	5.0	7,882	3,989	24,298	10,051	1,345
College: 1 to 3 years	16,326	1.7	3,063	1,633	7,683	3,208	649
4 years or more	11,763	1.2	1,325	723	6,364	2,781	570
Not reported	229,891	24.2	4,525	12,391	158,159	52,871	1,945

[1] Includes training schools for youthful offenders and all penal institutions under Federal or State control.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Special Report on Institutional Population.

No. 40.—Religious Bodies—Number of Churches and Membership

[Due to differing bases of computing membership, figures of different bodies are not always comparable. Roman Catholic, Eastern Orthodox, and Protestant Episcopal, for example, include all baptized persons. However, in most Protestant bodies there are very few if any members under 13 years of age]

RELIGIOUS BODY	Year	Number of churches reported	Church membership
Total	.....	[1] 265,583	[1] 77,386,188
SUMMARY			
Roman Catholic Church	.....	14,523	25,286,178
Eastern Orthodox Churches	.....	586	600,000
Jewish Congregations	.....	3,728	4,641,000
"Protestant" bodies over 50,000	.....	224,479	44,571,486
Other bodies	.....	22,267	2,287,524
INDIVIDUAL BODIES			
Seventh Day Adventists	1947	2,589	215,545
Assemblies of God	1947	5,548	243,515
Baptist bodies:			
Northern Baptist Convention	1947	7,180	1,541,991
Southern Baptist	1947	26,764	6,270,819
National Baptist Convention, U. S. A., Inc.	1946	24,460	4,122,315
National Baptist Convention of America	1947	8,993	2,580,921
American Baptist Association	1948	2,272	245,861
National Association Free Will Baptist	1947	3,467	255,127
Church of the Brethren	1947	1,021	184,584
Church of God (Anderson, Ind.)	1947	1,665	92,604
Church of God (Cleveland, Tenn.)	1947	2,037	90,666
Church of God in Christ	1947	3,000	300,000
Church of the Nazarene	1947	3,316	209,277
Churches of Christ	1947	10,000	682,172
Congregational Christian Churches	1947	5,640	1,157,764
Disciples of Christ	1947	7,765	1,703,010
Eastern Orthodox Churches:			
Greek Orthodox	1947	286	300,000
Russian Orthodox	1942	300	300,000
Evangelical and Reformed Church	1946	2,791	708,382
Federated Churches	1936	508	88,411
Religious Society of Friends	1947-48	[2] 822	[2] 112,541
Jewish Congregations	1936	3,728	4,641,000
Latter Day Saints:			
Church of Jesus Christ of Latter Day Saints	1947	1,815	916,789
Reorganized Church of Jesus Christ of Latter Day Saints	1947	574	127,381
Lutherans:			
American Lutheran Conference:			
American Lutheran Church	1946	1,861	646,700
Evangelical Lutheran Augustana Synod of N. A.	1946	1,121	408,565
Evangelical Lutheran Church of America	1946	2,432	686,739
Lutheran Synodical Conference of N. A.:			
Evangelical Lutheran Synod of Missouri, Ohio, and other States	1946	4,064	1,469,213
Evangelical Lutheran Joint Synod of Wisconsin and other States	1946	828	288,355
United Lutheran Church of America	1946	3,798	1,778,943
Methodist bodies:			
African Methodist Episcopal Church	1942	7,265	868,735
African Methodist Episcopal Zion Church	1947	3,054	520,175
Colored Methodist Episcopal Church	1946	4,300	381,000
The Methodist Church	1948	40,321	8,567,772
Polish National Catholic Church	1944	146	250,000
Presbyterian bodies:			
Presbyterian Church in the U. S.	1947	3,542	613,701
Presbyterian Church in the U. S. A.	1947	8,523	2,234,798
United Presbyterian Church of North America	.....	835	202,605
The Protestant Episcopal Church	1947	6,985	2,160,207
Reformed bodies:			
Christian Reformed Church	1947	318	135,788
Reformed Church in America	1947	748	178,318
The Roman Catholic Church	1945	14,523	25,286,178
The Salvation Army	1947	1,376	209,341
International General Assembly of Spiritualists	1947	175	150,000
Evangelical United Brethren	1947	4,434	712,616
Other bodies	.....	28,393	2,545,764

[1] Excludes figures of the Church of Christ, Scientist; not available.
[2] Includes all Societies of Friends.

Source: Yearbook of American Churches 1949; issued biennially under auspices of the Federal Council of the Churches of Christ in America.

No. 41.—Estimated Population on July 1, by States: 1939 to 1948

[Includes members of armed services in United States, but excludes those overseas. Based on data from 1930 and 1940 Federal censuses, State censuses, school statistics, vital statistics, registrations for war ration books, immigration statistics, and data on armed forces. Subject to revision after 1950 census. For enumerated population, 1790 to 1940, see table 43]

[In thousands]

DIVISION AND STATE	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
United States	130,880	131,954	133,060	133,772	133,966	132,552	132,019	139,899	143,414	146,113
New England	8,438	8,427	8,438	8,438	8,288	82,08	8,241	8,880	9,138	9,156
Maine	846	847	844	828	802	797	801	863	885	898
New Hampshire	490	492	493	490	470	464	466	508	534	523
Vermont	358	360	353	343	325	314	325	351	366	363
Massachusetts	4,347	4,309	4,324	4,290	4,201	4,130	4,166	4,504	4,635	4,638
Rhode Island	701	711	707	714	733	760	735	741	745	745
Connecticut	1,696	1,708	1,717	1,773	1,757	1,744	1,747	1,912	1,974	1,989
Middle Atlantic	27,552	27,546	27,397	27,119	26,588	26,321	26,303	28,532	29,304	29,476
New York	13,523	13,460	13,353	13,193	12,921	12,815	12,839	13,823	14,165	14,231
New Jersey	4,129	4,154	4,166	4,168	4,149	4,135	4,112	4,507	4,627	4,768
Pennsylvania	9,901	9,931	9,877	9,758	9,517	9,371	9,352	10,202	10,512	10,478
East North Central	26,457	26,653	26,714	26,660	26,348	26,253	26,237	28,251	29,223	29,623
Ohio	6,886	6,905	6,898	6,878	6,763	6,839	6,873	7,481	7,675	7,842
Indiana	3,403	3,437	3,479	3,520	3,528	3,479	3,484	3,746	3,835	3,917
Illinois	7,890	7,892	7,884	7,890	7,671	7,601	7,521	8,000	8,397	8,348
Michigan	5,156	5,278	5,332	5,334	5,385	5,381	5,425	5,870	6,069	6,216
Wisconsin	3,121	3,141	3,121	3,037	3,000	2,953	2,935	3,154	3,247	3,300
West North Central	13,503	13,528	13,452	13,329	13,030	12,742	12,697	13,467	13,709	13,811
Minnesota	2,771	2,800	2,789	2,737	2,646	2,613	2,625	2,830	2,888	2,934
Iowa	2,520	2,542	2,523	2,478	2,407	2,370	2,400	2,562	2,591	2,612
Missouri	3,783	3,797	3,841	3,899	3,789	3,653	3,600	3,827	3,903	3,892
North Dakota	644	638	616	580	535	510	510	536	541	582
South Dakota	645	639	610	577	568	538	539	551	578	611
Nebraska	1,318	1,315	1,280	1,251	1,271	1,236	1,230	1,285	1,284	1,283
Kansas	1,824	1,798	1,794	1,809	1,814	1,823	1,793	1,877	1,925	1,895
South Atlantic	17,593	17,918	18,518	18,962	19,045	18,895	18,520	18,994	19,286	19,656
Delaware	263	269	273	270	271	274	273	281	291	300
Maryland	1,793	1,835	1,909	1,978	1,993	1,999	1,979	2,123	2,139	2,155
District of Columbia	658	679	764	824	883	894	880	843	861	863
Virginia	2,670	2,721	2,803	3,002	2,972	3,053	2,935	2,980	2,999	3,051
West Virginia	1,868	1,913	1,912	1,880	1,777	1,717	1,696	1,830	1,882	1,911
North Carolina	3,514	3,584	3,670	3,667	3,690	3,601	3,514	3,668	3,698	3,798
South Carolina	1,872	1,894	1,965	2,006	1,967	1,948	1,909	1,902	1,951	1,982
Georgia	3,120	3,108	3,190	3,197	3,179	3,131	3,040	3,129	3,138	3,167
Florida	1,836	1,914	2,032	2,139	2,313	2,279	2,294	2,238	2,328	2,430
East South Central	10,682	10,797	10,895	10,809	10,854	10,510	10,213	10,615	10,801	11,049
Kentucky	2,825	2,856	2,814	2,777	2,737	2,657	2,568	2,745	2,780	2,856
Tennessee	2,874	2,933	2,973	2,925	2,951	2,858	2,817	3,002	3,091	3,179
Alabama	2,814	2,825	2,826	2,815	2,814	2,746	2,696	2,808	2,834	2,901
Mississippi	2,168	2,183	2,283	2,293	2,352	2,249	2,131	2,060	2,096	2,114
West South Central	12,975	13,063	13,063	13,190	13,667	13,272	13,136	13,673	13,844	14,195
Arkansas	1,948	1,950	1,955	1 924	1,876	1,845	1,829	1,882	1,913	1,937
Louisiana	2,334	2,366	2,459	2,501	2,549	2,504	2,405	2,528	2,544	2,591
Oklahoma	2,333	2,321	2,060	2,074	2,286	2,075	2,195	2,297	2,284	2,295
Texas	6,360	6,426	6,589	6,690	6,956	6,847	6,708	6,966	7,104	7,371
Mountain	4,100	4,189	4,248	4,324	4,478	4,248	4,113	4,289	4,393	4,690
Montana	555	560	555	528	488	453	446	478	488	511
Idaho	521	529	521	523	535	559	522	524	525	586
Wyoming	248	255	268	279	272	262	252	263	265	285
Colorado	1,120	1,136	1,146	1,133	1,166	1,115	1,071	1,134	1,144	1,199
New Mexico	523	536	539	537	542	520	515	525	547	571
Arizona	484	506	532	595	690	598	570	596	644	704
Utah	543	555	569	599	643	596	597	635	640	670
Nevada	107	112	118	131	142	144	140	133	139	164
Pacific	9,580	9,835	10,336	10,942	11,669	12,103	12,559	13,197	13,714	14,456
Washington	1,715	1,752	1,819	1,920	2,036	2,100	2,175	2,293	2,357	2,463
Oregon	1,081	1,102	1,141	1,160	1,257	1,305	1,311	1,434	1,545	1,639
California	6,785	6,980	7,376	7,862	8,376	8,697	9,073	9,471	9,812	10,354

Source: Department of Commerce, Bureau of the Census; 1939 figures from Population—Special Reports, Series P-45, No. 4; 1940-47 from Current Population Reports, Series P-25, No. 12; 1948 from Current Population Reports, Series P-25, No. 26.

No. 42.—Population per Square Mile, by States: 1800 to 1940

[For United States, population of continental U. S. has been divided by total land area. For each State or Territory, population at given census has been divided by land area as then constituted. However, 1930 figures are based on revised land areas used for 1940. Areas of Indian reservations, outside Indian Territory, are included in areas of States and Territories for all years; however, populations of reservations were not ascertained and therefore were not taken into account in computing densities prior to 1890]

DIVISION AND STATE	1800	1860	1870	1880	1890	1900	1910	1920	1930 [1]	1940
United States	**6.1**	**10.6**	**[2]13.4**	**16.9**	**21.2**	**25.6**	**30.9**	**35.5**	**41.2**	**44.2**
New England	19.9	50.6	56.3	64.7	75.8	90.2	105.7	119.4	129.2	133.5
Maine	5.1	21.0	21.0	21.7	22.1	23.2	24.8	25.7	25.7	27.3
New Hampshire	20.4	36.1	35.2	38.4	41.7	45.6	47.7	49.1	51.6	54.5
Vermont	16.9	34.5	36.2	36.4	36.4	37.7	39.0	38.6	38.8	38.7
Massachusetts	52.6	153.1	181.3	221.8	278.5	349.0	418.8	479.2	537.4	545.9
Rhode Island	64.8	163.7	203.7	259.2	323.8	401.6	508.5	566.4	649.8	674.2
Connecticut	52.1	95.5	111.5	129.2	154 8	188.5	231.3	286.4	328.0	348.9
Middle Atlantic	**14.0**	**74.6**	**88.1**	**105.0**	**127.1**	**154.5**	**193.2**	**222.6**	**261.3**	**274.0**
New York	12.4	81.4	92.0	106.7	126 0	152.5	191.2	217.9	262.6	281.2
New Jersey	28.1	89.4	120.6	150.5	192.3	250.7	337.7	420.0	537.3	553.1
Pennsylvania	13.4	64.8	78.6	95.5	117.3	140.6	171.0	194.5	213.8	219.8
East North Central	**.2**	**28.2**	**37.2**	**45.7**	**54.9**	**65.2**	**74.3**	**87.5**	**103.2**	**108.7**
Ohio	1.1	57.4	65.4	78.5	90.1	102.1	117.0	141.4	161.6	168.0
Indiana	[3]	37.6	46.8	55.1	61.1	70.1	74.9	81.3	89.4	94.7
Illinois	-------	30.6	45.4	55.0	68.3	86.1	100.6	115.7	136.4	141.2
Michigan	-------	13.0	20.6	28.5	36.4	42.1	48.9	63.8	84.9	92.2
Wisconsin	-------	14.0	19.1	23.8	30.6	37.4	42.2	47.6	53.7	57.3
West North Central	-------	**3.0**	**7.6**	**12.1**	**17.5**	**20.3**	**22.8**	**24.6**	**26.0**	**26.5**
Minnesota	-------	2.1	5.4	9.7	16.2	21.7	25.7	29.5	32.0	34.9
Iowa	-------	12.1	21.5	29.2	34.4	40.2	40.0	43.2	44.1	45.3
Missouri	-------	17.2	25.0	31.6	39.0	45.2	47.9	49.5	52.4	54.6
North Dakota	-------	[4]	[4]	[4]	2.7	4.5	8.2	9.2	9.7	9.2
South Dakota	-------	[4]	[4]	[4]	4.5	5.2	7.6	8.3	9.1	8.4
Nebraska	-------	.2	1.6	5.9	13.8	13.9	15.5	16.9	18.0	17.2
Kansas	-------	1.3	4.5	12.2	17.5	18.0	20.7	21.6	22.9	21.9
South Atlantic	**8.6**	**19.9**	**21.8**	**28.2**	**32.9**	**38.8**	**45.3**	**52.0**	**58.8**	**66.4**
Delaware	32.7	57.1	63.6	74.6	85 7	94.0	103 0	113.5	120.5	134.7
Maryland	34.4	69 1	78 6	94.0	104.9	119.5	130.3	145.8	165.0	184.2
Dist. of Columbia	156.6	1,294 5	2,270.7	3,062.5	3,972.3	4,645.3	5,517.8	7,292.9	7,981.5	10,870.3
Virginia	13.7	24.8	30.4	37 6	41.1	46.1	51.2	57.4	60.7	67.1
West Virginia	-------	-------	18.4	25.7	31.8	39.9	50.8	60.9	71.8	79.0
North Carolina	9.8	20.4	22.0	28.7	33.2	38.9	45.3	52.5	64.5	72.7
South Carolina	11.3	23 1	23.1	32.6	37.7	44.0	49.7	55.2	56.8	62.1
Georgia	1.5	18.0	20.2	26.3	31.3	37.7	44.4	49.3	49.7	53.4
Florida	-------	2.6	3.4	4.9	7.1	9.6	13.7	17.7	27.1	35.0
East South Central	**2.9**	**22.4**	**24.5**	**31.1**	**35.8**	**42.0**	**46.8**	**49.5**	**54.8**	**59.7**
Kentucky	5.5	28.8	32.9	41.0	46.3	53.4	57.0	60.1	65.2	70.9
Tennessee	2.5	26.6	30.2	37.0	42.4	48.5	52.4	56.1	62.4	69.5
Alabama	-------	18.8	19.4	24.6	29.5	35.7	41.7	45.8	51.8	55.5
Mississippi	.3	17.1	17.9	24.4	27.8	33.5	38.8	38.6	42.4	46.1
West South Central	-------	**4.9**	**5.6**	**9.3**	**11.0**	**15.2**	**20.4**	**23.8**	**28.3**	**30.3**
Arkansas	-------	8.3	9.2	15.3	21.5	25 0	30.0	33.4	35.2	37.0
Louisiana	-------	15.6	16.0	20.7	24.6	30.4	36.5	39.6	46.5	52.3
Oklahoma	-------	-------	-------	-------	[5]3.7	[5]11.4	23.9	29.2	34.6	33.7
Texas	-------	2.3	3.1	6.1	8.5	11.6	14.8	17.8	22.1	24.3
Mountain	-------	**.3**	**.4**	**.8**	**1.4**	**1.9**	**3.1**	**3.9**	**4.3**	**4.8**
Montana	-------	-------	.1	.3	1.0	1.7	2.6	3.8	3.7	3.8
Idaho	-------	-------	.2	.4	1.1	1.9	3.9	5.2	5.4	6.3
Wyoming	-------	-------	.1	.2	.6	.9	1.5	2.0	2.3	2.6
Colorado	-------	.3	.4	1.9	4.0	5.2	7.7	9.1	10.0	10.8
New Mexico	-------	.4	.7	1.0	1.3	1.6	2.7	2.9	3.5	4.4
Arizona	-------	-------	.1	.4	.8	1.1	1.8	2.9	3.8	4.4
Utah	-------	.3	1.1	1.8	2.6	3.4	4.5	5.5	6.2	6.7
Nevada	-------	.1	.4	.6	.4	.4	.7	.7	.8	1.0
Pacific	-------	**1.0**	**2.1**	**3.5**	**5.9**	**7.6**	**13.2**	**17.5**	**25.6**	**30.4**
Washington	-------	.1	.4	1.1	5.3	7 8	17.1	20.3	23.3	25.9
Oregon	-------	.5	1.0	1.8	3.3	4.3	7.0	8.2	9.9	11.3
California	-------	2.4	3.6	5.5	7.8	9.5	15.3	22.0	36.2	44.1

[1] Based on 1940 land-area measurement.
[2] Revised. Census of Southern States considered incomplete, but there has been no revision of State figures.
[3] Less than one-tenth of 1 person per square mile.
[4] Dakota Territory: Less than one-tenth of 1 person per square mile in 1860, 0.1 in 1870, and 0.9 in 1880.
[5] Oklahoma and Indian Territory combined. Separate data are as follows: Indian Territory 5.9 in 1890 and 12.7 in 1900; Oklahoma, 2.0 in 1890 and 10.3 in 1900.

Source: Department of Commerce, Bureau of the Census; Reports of Fourteenth and Sixteenth Censuses, Population, Vol. I.

No. 43.—Population, by

[For regional totals, see *Historical*

	DIVISION AND STATE	POPULATION							
		1790	1800	1810	1820	1830	1840	1850	1860
1	**United States**	**3,929,214**	**5,308,483**	**7,239,881**	**9,638,453**	[1] **12,866,020**	[1] **17,069,453**	**23,191,876**	**31,443,321**
2	**New England**	**1,009,408**	**1,233,011**	**1,471,973**	**1,660,071**	**1,954,717**	**2,234,822**	**2,728,116**	**3,135,283**
3	Maine	96,540	151,719	228,705	298,335	399,455	501,793	583,169	628,279
4	New Hampshire	141,885	183,858	211,460	244,161	269,328	284,574	317,976	326,073
5	Vermont	85,425	154,465	217,895	235,981	280,652	291,948	314,120	315,098
6	Massachusetts	378,787	422,845	472,040	523,287	610,408	737,699	994,514	1,231,066
7	Rhode Island	68,825	69,122	76,931	83,059	97,199	108,830	147,545	174,620
8	Connecticut	237,946	251,002	261,942	275,248	297,675	309,978	370,792	460,147
9	**Middle Atlantic**	**958,632**	**1,402,565**	**2,014,702**	**2,699,845**	**3,587,664**	**4,526,260**	**5,898,735**	**7,458,985**
10	New York	340,120	589,051	959,049	1,372,812	1,918,608	2,428,921	3,097,394	3,880,735
11	New Jersey	184,139	211,149	245,562	277,575	320,823	373,306	489,555	672,035
12	Pennsylvania	434,373	602,365	810,091	1,049,458	1,348,233	1,724,033	2,311,786	2,906,215
13	**East North Central**		**51,006**	**272,324**	**792,719**	**1,470,018**	**2,924,728**	**4,523,260**	**6,926,884**
14	Ohio		45,365	230,760	581,434	937,903	1,519,467	1,980,329	2,339,511
15	Indiana		5,641	24,520	147,178	343,031	685,866	988,416	1,350,428
16	Illinois			12,282	55,211	157,445	476,183	851,470	1,711,951
17	Michigan			4,762	8,896	31,639	212,267	397,654	749,113
18	Wisconsin						30,945	305,391	775,881
19	**West North Central**			**19,783**	**66,586**	**140,455**	**426,814**	**880,335**	**2,169,832**
20	Minnesota							6,077	172,023
21	Iowa						43,112	192,214	674,913
22	Missouri			19,783	66,586	140,455	383,702	682,044	1,182,012
23	North Dakota								[4]
24	South Dakota								[4] 4,837
25	Nebraska								28,841
26	Kansas								107,206
27	**South Atlantic**	**1,851,806**	**2,286,494**	**2,674,891**	**3,061,063**	**3,645,752**	**3,925,299**	**4,679,090**	**5,364,703**
28	Delaware	59,096	64,273	72,674	72,749	76,748	78,085	91,532	112,216
29	Maryland	319,728	341,548	380,546	407,350	447,040	470,019	583,034	687,049
30	Dist. of Columbia		14,093	24,023	33,039	39,834	43,712	51,687	75,080
31	Virginia [5]	747,610	880,200	974,600	1,065,366	1,211,405	1,239,797	1,421,661	1,596,318
32	West Virginia [5]								
33	North Carolina	393,751	478,103	555,500	638,829	737,987	753,419	869,039	992,622
34	South Carolina	249,073	345,591	415,115	502,741	581,185	594,398	668,507	703,708
35	Georgia	82,548	162,686	252,433	340,989	516,823	691,392	906,185	1,057,286
36	Florida					34,730	54,477	87,445	140,424
37	**East South Central**	**109,368**	**335,407**	**708,590**	**1,190,489**	**1,815,969**	**2,575,445**	**3,363,271**	**4,020,991**
38	Kentucky	73,677	220,955	406,511	564,317	687,917	779,828	982,405	1,155,684
39	Tennessee	35,691	105,602	261,727	422,823	681,904	829,210	1,002,717	1,109,801
40	Alabama				127,901	309,527	590,756	771,623	964,201
41	Mississippi		8,850	40,352	75,448	136,621	375,651	606,526	791,305
42	**West South Central**			**77,618**	**167,680**	**246,127**	**449,985**	**940,251**	**1,747,667**
43	Arkansas			1,062	14,273	30,388	97,574	209,897	435,450
44	Louisiana			76,556	153,407	215,739	352,411	517,762	708,002
45	Oklahoma								
46	Texas							212,592	604,215
47	**Mountain**							**72,927**	**174,923**
48	Montana								
49	Idaho								
50	Wyoming								
51	Colorado								34,277
52	New Mexico							61,547	93,516
53	Arizona								
54	Utah							11,380	40,273
55	Nevada								6,857
56	**Pacific**							**105,891**	**444,053**
57	Washington								11,594
58	Oregon							13,294	52,465
59	California							92,597	379,994

[1] Includes persons (5,318 in 1830 and 6,100 in 1840) on public ships in service of the United States, not credited to any division or State.

[2] Revised; unrevised figure is 38,558,371. Census of Southern States considered incomplete but there has been no revision of State figures hence State figures do not add to total shown here.

[3] Includes 325,464 population of Indian Territory and Indian reservations, specially enumerated.

STATES: 1790 TO 1940

Statistics, series B 48-71]

POPULATION—continued								PERCENT INCREASE OR DECREASE (—)		
1870	1880	1890	1900	1910	1920	1930	1940	1920–1930	1930–1940	
[3] 39,818,449	50,155,783	[3] 62,947,714	75,994,575	91,972,266	105,710,620	122,775,046	131,669,275	16.1	7.2	1
3,487,924	4,010,529	4,700,749	5,592,017	6,552,681	7,400,909	8,166,341	8,437,290	10.3	3.3	2
626,915	648,936	661,086	694,466	742,371	768,014	797,423	847,226	3.8	6.2	3
318,300	346,991	376,530	411,588	430,572	443,083	465,293	491,524	5.0	5.6	4
330,551	332,286	332,422	343,641	355,956	352,428	359,611	359,231	2.0	−.1	5
1,457,351	1,783,085	2,238,947	2,805,346	3,366,416	3,852,356	4,249,614	4,316,721	10.3	1.6	6
217,353	276,531	345,506	428,556	542,610	604,397	687,497	713,346	13.7	3.8	7
537,454	622,700	746,258	908,420	1,114,756	1,380,631	1,606,903	1,709,242	16.4	6.4	8
8,810,806	10,496,878	12,706,220	15,454,678	19,315,892	22,261,144	26,260,750	27,539,487	18.0	4.9	9
4,382,759	5,082,871	6,003,174	7,268,894	9,113,614	10,385,227	12,588,066	13,479,142	21.2	7.1	10
906,096	1,131,116	1,444,933	1,883,669	2,537,167	3,155,900	4,041,334	4,160,165	28.1	2.9	11
3,521,951	4,282,891	5,258,113	6,302,115	7,665,111	8,720,017	9,631,350	9,900,180	10.5	2.8	12
9,124,517	11,206,668	13,478,305	15,985,581	18,250,621	21,475,543	25,297,185	26,626,342	17.8	5.3	13
2,665,260	3,198,062	3,672,329	4,157,545	4,767,121	5,759,394	6,646,697	6,907,612	15.4	3.9	14
1,680,637	1,978,301	2,192,404	2,516,462	2,700,876	2,930,390	3,238,503	3,427,796	10.5	5.8	15
2,539,891	3,077,871	3,826,352	4,821,550	5,638,591	6,485,280	7,630,654	7,897,241	17.7	3.5	16
1,184,059	1,636,937	2,093,890	2,420,982	2,810,173	3,668,412	4,842,325	5,256,106	32.0	8.5	17
1,054,670	1,315,497	1,693,330	2,069,042	2,333,860	2,632,067	2,939,006	3,137,587	11.7	6.8	18
3,856,594	6,157,443	8,932,112	10,347,423	11,637,921	12,544,249	13,296,915	13,516,990	6.0	1.7	19
439,706	780,773	1,310,283	1,751,394	2,075,708	2,387,125	2,563,953	2,792,300	7.4	8.9	20
1,194,020	1,624,615	1,912,297	2,231,853	2,224,771	2,404,021	2,470,939	2,538,268	2.8	2.7	21
1,721,295	2,168,380	2,679,185	3,106,665	3,293,335	3,404,055	3,629,367	3,784,664	6.6	4.3	22
[4] 2,405	[4] 36,909	190,983	319,146	577,056	646,872	680,845	641,935	5.3	−5.7	23
[4] 11,776	[4] 98,268	348,600	401,570	583,888	636,547	692,849	642,961	8.8	−7.2	24
122,993	452,402	1,062,656	1,066,300	1,192,214	1,296,372	1,377,963	1,315,834	6.3	−4.5	25
364,399	996,096	1,428,108	1,470,495	1,690,949	1,769,257	1,880,999	1,801,028	6.3	−4.3	26
5,853,610	7,597,197	8,857,922	10,443,480	12,194,895	13,990,272	15,793,589	17,823,151	12.9	12.9	27
125,015	146,608	168,493	184,735	202,322	223,003	238,380	266,505	6.9	11.8	28
780,894	934,943	1,042,390	1,188,044	1,295,346	1,449,661	1,631,526	1,821,244	12.5	11.6	29
131,700	177,624	230,392	278,718	331,069	437,571	486,869	663,091	11.3	36.2	30
1,225,163	1,512,565	1,655,980	1,854,184	2,061,612	2,309,187	2,421,851	2,677,773	4.9	10.6	31
442,014	618,457	762,794	958,800	1,221,119	1,463,701	1,729,205	1,901,974	18.1	10.0	32
1,071,361	1,399,750	1,617,949	1,893,810	2,206,287	2,559,123	3,170,276	3,571,623	23.9	12.7	33
705,606	995,577	1,151,149	1,340,316	1,515,400	1,683,724	1,738,765	1,899,804	3.3	9.3	34
1,184,109	1,542,180	1,837,353	2,216,331	2,609,121	2,895,832	2,908,506	3,123,723	.4	7.4	35
187,748	269,493	391,422	528,542	752,619	968,470	1,468,211	1,897,414	51.6	29.2	36
4,404,445	5,585,151	6,429,154	7,547,757	8,409,901	8,893,307	9,887,214	10,778,225	11.2	9.0	37
1,321,011	1,648,690	1,858,635	2,147,174	2,289,905	2,416,630	2,614,589	2,845,627	8.2	8.8	38
1,258,520	1,542,359	1,767,518	2,020,616	2,184,789	2,337,885	2,616,556	2,915,841	11.9	11.4	39
996,992	1,262,505	1,513,401	1,828,697	2,138,093	2,348,174	2,646,248	2,832,961	12.7	7.1	40
827,922	1,131,597	1,289,600	1,551,270	1,797,114	1,790,618	2,009,821	2,183,796	12.2	8.7	41
2,029,965	3,334,220	4,740,983	6,532,290	8,784,534	10,242,224	12,176,830	13,064,525	18.9	7.3	42
484,471	802,525	1,128,211	1,311,564	1,574,449	1,752,204	1,854,482	1,949,387	5.8	5.1	43
726,915	939,946	1,118,588	1,381,625	1,656,388	1,798,509	2,101,593	2,363,880	16.9	12.5	44
		[6] 258,657	[6] 790,391	1,657,155	2,028,283	2,396,040	2,336,434	18.1	−2.5	45
818,579	1,591,749	2,235,527	3,048,710	3,896,542	4,663,228	5,824,715	6,414,824	24.9	10.1	46
315,385	653,119	1,213,935	1,674,657	2,633,517	3,336,101	3,701,789	4,150,003	11.0	12.1	47
20,595	39,159	142,924	243,329	376,053	548,889	537,606	559,456	−2.1	4.1	48
14,999	32,610	88,548	161,772	325,594	431,866	445,032	524,873	3.0	17.9	49
9,118	20,789	62,555	92,531	145,965	194,402	225,565	250,742	16.0	11.2	50
39,864	194,327	413,249	539,700	799,024	939,629	1,035,791	1,123,296	10.2	8.4	51
91,874	119,565	160,282	195,310	327,301	360,350	423,317	531,818	17.5	25.6	52
9,658	40,440	88,243	122,931	204,354	334,162	435,573	499,261	30.3	14.6	53
86,786	143,963	210,779	276,749	373,351	449,396	507,847	550,310	13.0	8.4	54
42,491	62,266	47,355	42,335	81,875	77,407	91,058	110,247	17.6	21.1	55
675,125	1,114,578	1,888,334	2,416,692	4,192,304	5,566,871	8,194,433	9,733,262	47.2	18.8	56
23,955	75,116	357,232	518,103	1,141,990	1,356,621	1,563,396	1,736,191	15.2	11.1	57
90,923	174,768	317,704	413,536	672,765	783,389	953,786	1,089,684	21.8	14.2	58
560,247	864,694	1,213,398	1,485,053	2,377,549	3,426,861	5,677,251	6,907,387	65.7	21.7	59

[4] Figure for 1860 for South Dakota represents entire Dakota Territory. Figures for 1870 and 1880 for North Dakota and South Dakota are for the parts of Dakota Territory which later constituted the respective States.
[5] Area now constituting West Virginia formed part of Virginia in 1860 and prior years.
[6] Includes population of Indian Territory, as follows: 1890, 180,182; 1900, 392,060.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. I.

No. 44.—Population, by Sex, by States: 1920, 1930, and 1940

[For U. S. totals, see also *Historical Statistics*, series B 13-15]

Division and State	1920		1930			1940		
	Male	Female	Male	Female	Males per 100 females	Male	Female	Males per 100 females
United States	**53,900,431**	**51,810,189**	**62,137,080**	**60,637,966**	**102.5**	**66,061,592**	**65,607,683**	**100.7**
New England	**3,672,591**	**3,728,318**	**4,024,657**	**4,141,684**	**97.2**	**4,154,760**	**4,282,530**	**97.0**
Maine	388,752	379,262	401,285	396,138	101.3	425,821	421,405	101.0
New Hampshire	222,112	220,971	231,759	233,534	99.2	244,909	246,615	99.3
Vermont	178,854	173,574	183,266	176,345	103.9	182,224	177,007	102.9
Massachusetts	1,890,014	1,902,342	2,071,672	2,177,942	95.1	2,102,479	2,214,242	95.0
Rhode Island	297,524	306,873	335,372	352,125	95.2	349,404	363,942	96.0
Connecticut	695,335	685,296	801,303	805,600	99.5	849,923	859,319	98.9
Middle Atlantic	**11,206,445**	**11,054,699**	**13,188,681**	**13,072,069**	**100.9**	**13,710,692**	**13,828,795**	**99.1**
New York	6,187,350	6,197,877	6,312,520	6,275,546	100.6	6,690,326	6,788,816	98.5
New Jersey	1,590,075	1,565,825	2,030,644	2,010,690	101.0	2,069,159	2,091,006	99.0
Pennsylvania	4,429,020	4,290,997	4,845,517	4,785,833	101.2	4,951,207	4,948,973	100.0
E. North Central	**11,035,041**	**10,440,502**	**12,904,783**	**12,392,402**	**104.1**	**13,438,325**	**13,188,017**	**101.9**
Ohio	2,955,980	2,803,414	3,361,141	3,285,556	102.3	3,461,072	3,446,540	100.4
Indiana	1,489,074	1,441,316	1,640,061	1,598,442	102.6	1,725,201	1,702,595	101.3
Illinois	3,304,833	3,180,447	3,873,457	3,757,197	103.1	3,957,149	3,940,092	100.4
Michigan	1,928,436	1,739,976	2,519,309	2,323,016	108.4	2,694,727	2,561,379	105.2
Wisconsin	1,356,718	1,275,349	1,510,815	1,428,191	105.8	1,600,176	1,537,411	104.1
W. North Central	**6,459,067**	**6,085,182**	**6,785,442**	**6,511,473**	**104.2**	**6,829,335**	**6,687,655**	**102.1**
Minnesota	1,245,537	1,141,588	1,316,571	1,247,382	105.5	1,427,545	1,364,755	104.6
Iowa	1,229,392	1,174,629	1,255,101	1,215,838	103.2	1,280,494	1,257,774	101.8
Missouri	1,723,319	1,680,736	1,822,866	1,806,501	100.9	1,881,252	1,903,412	98.8
North Dakota	341,673	305,199	359,615	321,230	111.9	335,402	306,533	109.4
South Dakota	337,120	299,427	363,650	329,199	110.5	332,514	310,447	107.1
Nebraska	672,805	623,567	706,348	671,615	105.2	665,788	650,046	102.4
Kansas	909,221	860,036	961,291	919,708	104.5	906,340	894,688	101.3
South Atlantic	**7,035,843**	**6,954,429**	**7,880,634**	**7,912,955**	**99.6**	**8,870,589**	**8,952,562**	**99.1**
Delaware	113,755	109,248	121,257	117,123	103.5	134,333	132,172	101.6
Maryland	729,455	720,206	821,009	810,517	101.3	915,038	906,206	101.0
Dist. of Columbia	203,543	234,028	231,883	254,986	90.9	317,522	345,569	91.9
Virginia	1,168,492	1,140,695	1,216,046	1,205,805	100.8	1,349,004	1,328,769	101.5
West Virginia	763,100	700,601	889,871	839,334	106.0	968,582	933,392	103.8
North Carolina	1,279,062	1,280,061	1,575,208	1,595,068	98.8	1,772,990	1,798,633	98.6
South Carolina	838,293	845,431	853,158	885,607	96.3	935,239	964,565	97.0
Georgia	1,444,823	1,451,009	1,434,527	1,473,979	97.3	1,534,758	1,588,965	96.6
Florida	495,320	473,150	737,675	730,536	101.0	943,123	954,291	98.8
E. South Central	**4,471,690**	**4,421,617**	**4,947,502**	**4,939,712**	**100.2**	**5,366,024**	**5,412,201**	**99.1**
Kentucky	1,227,494	1,189,136	1,322,793	1,291,796	102.4	1,435,812	1,409,815	101.8
Tennessee	1,173,967	1,163,918	1,304,559	1,311,997	99.4	1,445,829	1,470,012	98.4
Alabama	1,173,105	1,175,069	1,315,009	1,331,239	98.8	1,399,901	1,433,060	97.7
Mississippi	897,124	893,494	1,005,141	1,004,680	100.0	1,084,482	1,099,314	98.7
W. South Central	**5,265,829**	**4,976,395**	**6,186,924**	**5,989,906**	**103.3**	**6,558,293**	**6,506,232**	**100.8**
Arkansas	895,228	856,976	939,843	914,639	102.8	982,916	966,471	101.7
Louisiana	903,335	895,174	1,047,823	1,053,770	99.4	1,172,382	1,191,498	98.4
Oklahoma	1,058,044	970,239	1,233,264	1,162,776	106.1	1,181,892	1,154,542	102.4
Texas	2,409,222	2,254,006	2,965,994	2,858,721	103.8	3,221,103	3,193,721	100.9
Mountain	**1,789,299**	**1,546,802**	**1,949,798**	**1,751,991**	**111.3**	**2,149,398**	**2,000,605**	**107.4**
Montana	299,941	248,948	293,228	244,378	120.0	299,009	260,447	114.8
Idaho	233,919	197,947	237,347	207,685	114.3	276,579	248,294	111.4
Wyoming	110,359	84,043	124,785	100,780	123.8	135,055	115,687	116.7
Colorado	492,731	446,898	530,752	505,039	105.1	568,778	554,518	102.6
New Mexico	190,456	169,894	219,222	204,095	107.4	271,846	259,972	104.6
Arizona	183,602	150,560	231,304	204,269	113.2	258,170	241,091	107.1
Utah	232,051	217,345	259,999	247,848	104.9	278,620	271,690	102.6
Nevada	46,240	31,167	53,161	37,897	140.3	61,341	48,906	125.4
Pacific	**2,964,626**	**2,602,245**	**4,268,659**	**3,925,774**	**108.7**	**4,984,176**	**4,749,086**	**105.0**
Washington	734,701	621,920	826,392	737,004	112.1	905,757	830,434	109.1
Oregon	416,334	367,055	499,672	454,114	110.0	562,689	526,995	106.8
California	1,813,591	1,613,270	2,942,595	2,734,656	107.6	3,515,730	3,391,657	103.7

Source: Department of Commerce, Bureau of Census; Sixteenth Census Reports, Population, Vol. II.

No. 45.—Population, by Race, by States: 1920, 1930, and 1940

Division and State	1920			1930			1940		
	White	Negro	Other races	White	Negro	Other races	White	Negro	Other races
U. S.	**94,820,915**	**10,463,131**	**426,574**	**110,286,740**	**11,891,143**	**597,163**	**118,214,870**	**12,865,518**	**588,887**
New England	7,316,079	79,051	5,779	8,065,220	94,086	7,035	8,329,146	101,509	6,635
Maine	765,695	1,310	1,009	795,185	1,096	1,142	844,543	1,304	1,379
New Hampshire	442,331	621	131	464,351	790	152	490,989	414	121
Vermont	351,817	572	39	358,966	568	77	358,806	384	41
Massachusetts	3,803,524	45,466	3,366	4,192,992	52,365	4,257	4,257,596	55,391	3,734
Rhode Island	593,980	10,036	381	677,026	9,913	558	701,805	11,024	517
Connecticut	1,358,732	21,046	853	1,576,700	29,354	849	1,675,407	32,992	843
Mid. Atlantic	21,641,840	600,183	19,121	25,178,861	1,052,899	28,990	26,237,622	1,268,366	33,499
New York	10,172,027	198,483	14,717	12,153,191	412,814	22,061	12,879,546	571,221	28,375
New Jersey	3,037,087	117,132	1,681	3,829,663	208,828	2,843	3,931,087	226,973	2,105
Pennsylvania	8,432,726	284,568	2,723	9,196,007	431,257	4,086	9,426,989	470,172	3,019
E. N. Central	20,938,862	514,554	22,127	24,335,980	930,450	30,755	25,528,451	1,069,326	28,565
Ohio	5,571,893	186,187	1,314	6,335,173	309,304	2,220	6,566,531	339,461	1,620
Indiana	2,849,071	80,810	509	3,125,778	111,982	743	3,305,323	121,916	557
Illinois	6,299,333	182,274	3,673	7,295,267	328,972	6,415	7,504,202	387,446	5,593
Michigan	3,601,627	60,082	6,703	4,663,507	169,453	9,365	5,039,643	208,345	8,118
Wisconsin	2,616,938	5,201	9,928	2,916,255	10,739	12,012	3,112,752	12,158	12,677
W. N. Central	12,225,387	278,521	40,341	12,913,292	331,784	51,839	13,111,519	350,992	54,479
Minnesota	2,368,936	8,809	9,380	2,542,599	9,445	11,909	2,768,982	9,928	13,390
Iowa	2,384,181	19,005	835	2,452,677	17,380	882	2,520,691	16,694	883
Missouri	3,225,044	178,241	770	3,403,876	223,840	1,651	3,539,187	244,386	1,091
North Dakota	639,954	467	6,451	671,851	377	8,617	631,464	201	10,270
South Dakota	619,147	832	16,568	670,269	646	21,934	619,075	474	23,412
Nebraska	1,279,219	13,242	3,911	1,360,023	13,752	4,188	1,297,624	14,171	4,039
Kansas	1,708,906	57,925	2,426	1,811,997	66,344	2,658	1,734,496	65,138	1,394
S. Atlantic	9,648,940	4,325,120	16,212	11,349,975	4,421,388	22,226	13,095,227	4,698,863	29,061
Delaware	192,615	30,335	53	205,718	32,602	60	230,528	35,876	101
Maryland	1,204,737	244,479	445	1,354,226	276,379	921	1,518,481	301,931	832
Dist. of Col.	326,860	109,966	745	353,981	132,068	820	474,326	187,266	1,499
Virginia	1,617,909	690,017	1,261	1,770,441	650,165	1,245	2,015,583	661,449	741
West Virginia	1,377,235	86,345	121	1,614,191	114,893	121	1,784,102	117,754	118
North Carolina	1,783,779	763,407	11,937	2,234,958	918,647	16,671	2,567,635	981,298	22,690
South Carolina	818,538	864,719	467	944,049	793,681	1,035	1,084,308	814,164	1,332
Georgia	1,689,114	1,206,365	353	1,837,021	1,071,125	360	2,038,278	1,084,927	518
Florida	638,153	329,487	830	1,035,390	431,828	993	1,381,986	514,198	1,230
E. S. Central	6,367,547	2,523,532	2,228	7,226,017	2,658,238	2,959	7,993,755	2,780,635	3,835
Kentucky	2,180,560	235,938	132	2,388,452	226,040	97	2,631,425	214,031	171
Tennessee	1,885,993	451,758	134	2,138,644	477,646	266	2,406,906	508,736	199
Alabama	1,447,032	900,652	490	1,700,844	944,834	570	1,849,097	983,290	574
Mississippi	853,962	935,184	1,472	998,077	1,009,718	2,026	1,106,327	1,074,578	2,891
W. S. Central	8,115,727	2,063,579	62,918	9,795,977	2,281,951	98,902	10,569,596	2,425,121	69,808
Arkansas	1,279,757	472,220	227	1,375,315	478,463	704	1,466,084	482,578	725
Louisiana	1,096,611	700,257	1,641	1,322,712	776,326	2,555	1,511,739	849,303	2,838
Oklahoma	1,821,194	149,408	57,681	2,130,778	172,198	93,064	2,104,228	168,849	63,357
Texas	3,918,165	741,694	3,369	4,967,172	854,964	2,579	5,487,545	924,391	2,888
Mountain	3,212,899	30,801	92,401	3,552,900	30,225	118,664	3,978,913	36,411	134,679
Montana	534,260	1,658	12,971	519,898	1,256	16,452	540,468	1,120	17,868
Idaho	425,668	920	5,278	438,840	668	5,524	519,292	595	4,986
Wyoming	190,146	1,375	2,881	221,241	1,250	3,074	246,597	956	3,189
Colorado	924,103	11,318	4,208	1,018,793	11,828	5,170	1,106,502	12,176	4,618
New Mexico	334,673	5,733	19,944	391,095	2,850	29,372	492,312	4,672	34,834
Arizona	291,449	8,005	34,708	378,551	10,749	46,273	426,792	14,993	57,476
Utah	441,901	1,446	6,049	499,967	1,108	6,772	542,920	1,235	6,155
Nevada	70,699	346	6,362	84,515	516	6,027	104,030	664	5,553
Pacific	5,353,634	47,790	165,447	7,868,518	90,122	235,793	9,370,641	134,295	228,326
Washington	1,319,777	6,883	29,961	1,521,661	6,840	34,895	1,698,147	7,424	30,620
Oregon	769,146	2,144	12,099	938,597	2,234	12,955	1,075,731	2,565	11,388
California	3,264,711	38,763	123,387	5,408,260	81,048	187,943	6,596,763	124,306	186,318

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

No. 46.—Population, by Race and Sex, by States: 1940

[For U. S. totals, see also *Historical Statistics*, series B 13-23]

Division and State	Native white			Foreign-born white			Negro			Other races	
	Male	Female	Males per 100 females	Male	Female	Males per 100 females	Male	Female	Males per 100 females	Male	Female
U. S.	**53,437,533**	**53,358,199**	**100.1**	**6,011,015**	**5,408,123**	**111.1**	**6,269,038**	**6,596,480**	**95.0**	**344,006**	**244,881**
N. E.	**3,367,347**	**3,463,558**	**97.2**	**733,032**	**765,209**	**95.8**	**49,795**	**51,714**	**96.3**	**4,586**	**2,049**
Maine	382,605	378,297	101.1	41,722	41,919	99.5	725	579	125.2	769	610
N. H.	210,877	211,816	99.6	33,731	34,565	97.6	222	192	115.6	79	42
Vt.	165,572	161,507	102.5	16,403	15,324	107.0	220	164	134.1	29	12
Mass.	1,666,162	1,742,582	95.6	406,353	442,496	91.8	27,240	28,151	96.8	2,724	1,010
R. I.	276,638	287,383	96.3	67,006	70,778	94.7	5,384	5,640	95.5	376	141
Conn.	665,493	681,973	97.6	167,817	160,124	104.8	16,004	16,988	94.2	609	234
M. A.	**10,746,864**	**10,968,158**	**98.0**	**2,337,516**	**2,185,084**	**107.0**	**601,648**	**666,718**	**90.2**	**24,664**	**8,835**
N. Y.	4,946,869	5,079,147	97.4	1,461,323	1,392,207	105.0	261,306	309,915	84.3	20,828	7,547
N. J.	1,600,433	1,634,844	97.9	357,272	338,538	105.5	109,865	117,108	93.8	1,589	516
Pa.	4,199,562	4,254,167	98.7	518,921	454,339	114.2	230,477	239,695	96.2	2,247	772
E. N. C.	**11,505,557**	**11,451,820**	**100.5**	**1,388,584**	**1,182,490**	**117.4**	**526,830**	**542,496**	**97.1**	**17,354**	**11,211**
Ohio	3,010,664	3,036,601	99.1	280,416	238,850	117.4	168,849	170,612	99.0	1,143	477
Ind.	1,602,390	1,592,302	100.6	62,316	48,315	129.0	60,105	61,811	97.2	390	167
Ill.	3,250,881	3,283,948	99.0	515,822	453,551	113.7	186,067	201,379	92.4	4,379	1,214
Mich.	2,214,069	2,142,544	103.3	370,390	312,640	118.5	105,491	102,854	102.6	4,777	3,341
Wis.	1,427,553	1,396,425	102.2	159,640	129,134	123.6	6,318	5,840	108.2	6,665	6,012
W. N. C.	**6,197,487**	**6,136,169**	**101.0**	**430,121**	**347,742**	**123.7**	**173,118**	**177,874**	**97.3**	**28,609**	**25,870**
Minn.	1,250,159	1,223,919	102.1	165,010	129,894	127.0	5,185	4,743	109.3	7,191	6,199
Iowa	1,206,759	1,196,687	100.8	64,744	52,501	123.3	8,467	8,227	102.9	524	359
Mo.	1,699,786	1,725,276	98.5	61,153	52,972	115.4	119,554	124,832	95.8	759	332
N. Dak.	288,034	269,158	107.0	42,013	32,259	130.2	128	73	175.3	5,227	5,043
S. Dak.	295,126	279,897	105.4	25,062	18,990	132.0	263	211	124.6	12,063	11,349
Nebr.	612,252	603,519	101.4	44,415	37,438	118.6	7,069	7,102	99.5	2,052	1,987
Kans.	845,371	837,713	100.9	27,724	23,688	117.0	32,452	32,686	99.3	793	601
S. A.	**6,401,749**	**6,402,409**	**100.0**	**159,248**	**131,821**	**120.8**	**2,294,031**	**2,404,832**	**95.4**	**15,561**	**13,500**
Del.	107,787	107,908	99.9	8,019	6,814	117.7	18,449	17,427	105.9	78	23
Md.	720,043	716,723	100.5	42,758	38,957	109.8	151,617	150,314	100.9	620	212
D. C.	209,828	230,484	91.0	17,920	16,094	111.3	88,672	98,594	89.9	1,102	397
Va.	1,005,138	987,458	101.8	12,981	10,006	129.7	330,378	331,071	99.8	507	234
W. Va.	881,718	860,602	102.5	26,188	15,594	167.9	60,595	57,159	106.0	81	37
N. C.	1,276,525	1,282,064	99.6	5,237	3,809	137.5	479,816	501,482	95.7	11,412	11,278
S. C.	537,764	541,629	99.3	2,833	2,082	136.1	393,958	420,206	93.8	684	648
Ga.	1,009,843	1,016,519	99.3	6,845	5,671	135.0	517,747	567,180	91.3	323	195
Fla.	653,103	659,022	99.1	36,467	33,394	109.2	252,799	261,399	96.7	754	476
E. S. C.	**3,986,516**	**3,962,343**	**100.6**	**25,842**	**19,054**	**135.6**	**1,351,501**	**1,429,134**	**94.6**	**2,165**	**1,670**
Ky.	1,320,826	1,294,968	102.0	8,799	6,832	128.8	106,066	107,965	98.2	121	50
Tenn.	1,193,198	1,202,388	99.2	6,382	4,938	129.2	246,129	262,607	93.7	120	79
Ala.	919,996	917,144	100.3	7,000	4,957	141.2	472,590	510,700	92.5	315	259
Miss.	552,496	547,843	100.8	3,661	2,327	157.3	526,716	547,862	96.1	1,609	1,282
W. S. C.	**5,182,474**	**5,097,411**	**101.7**	**153,660**	**136,051**	**112.9**	**1,186,013**	**1,239,108**	**95.7**	**36,146**	**33,662**
Ark.	739,805	718,587	103.0	4,433	3,259	136.0	238,236	244,342	97.5	442	283
La.	741,633	742,834	99.8	15,746	11,526	136.6	413,322	435,981	94.8	1,681	1,157
Okla.	1,054,799	1,029,070	102.5	11,459	8,900	128.8	83,465	85,384	97.8	32,169	31,188
Tex.	2,646,237	2,606,920	101.5	122,022	112,366	108.6	450,990	473,401	95.3	1,854	1,034
Mt.	**1,911,496**	**1,805,428**	**105.9**	**148,141**	**113,848**	**130.1**	**19,187**	**17,224**	**111.4**	**70,574**	**64,105**
Mont.	255,904	228,922	111.8	33,071	22,571	146.5	647	473	136.8	9,387	8,481
Idaho	259,055	236,121	109.7	14,457	9,659	149.7	342	253	135.2	2,725	2,261
Wyo.	122,407	107,411	114.0	10,375	6,404	162.0	492	464	106.0	1,781	1,408
Colo.	521,002	515,029	101.2	39,320	31,151	126.2	5,832	6,344	91.9	2,624	1,994
N. Mex.	243,004	234,061	103.8	8,513	6,734	126.4	2,406	2,266	106.2	17,923	16,911
Ariz.	201,171	188,784	106.6	18,787	18,050	104.1	8,423	6,570	128.2	29,789	27,687
Utah	258,015	252,607	102.1	16,572	15,726	105.4	682	553	123.3	3,351	2,804
Nev.	50,938	42,493	119.9	7,046	3,553	198.3	363	301	120.6	2,994	2,559
Pac.	**4,138,043**	**4,070,903**	**101.6**	**634,871**	**526,824**	**120.5**	**66,915**	**67,380**	**99.3**	**144,347**	**83,979**
Wash.	768,247	726,737	105.7	115,441	87,722	131.6	4,321	3,103	139.3	17,748	12,872
Oreg.	504,832	483,260	104.5	49,887	37,752	132.1	1,384	1,181	117.2	6,586	4,802
Calif.	2,864,964	2,860,906	100.1	469,543	401,350	117.0	61,210	63,096	97.0	120,013	66,305

Source: Department of Commerce Bureau of Census; Sixteenth Census Reports. Population, Vol. II.

No. 47.—Population, by Age, by States: 1940

[For totals for all ages, see table 43, p. 34. For U. S. totals by age groups, see *Historical Statistics*, series B 81–144]

Division and State	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years
United States	**10,541,524**	**10,684,622**	**11,745,935**	**12,333,523**	**11,587,835**	**11,096,638**	**10,242,388**	**9,545,377**
New England	**572,727**	**612,668**	**704,271**	**763,039**	**728,410**	**679,222**	**629,358**	**595,024**
Maine	69,994	73,854	77,459	78,779	66,373	61,457	58,732	54,426
New Hampshire	35,805	37,496	41,596	43,349	39,519	37,052	35,012	33,121
Vermont	29,953	30,232	32,344	32,599	28,940	26,212	25,090	23,336
Massachusetts	281,697	304,742	353,987	385,251	369,972	346,731	323,154	308,840
Rhode Island	46,617	50,559	60,624	68,181	63,444	59,242	54,361	51,616
Connecticut	108,661	115,785	138,261	154,880	160,162	148,528	133,009	123,685
Middle Atlantic	**1,818,113**	**1,938,637**	**2,290,894**	**2,466,538**	**2,423,451**	**2,366,965**	**2,250,024**	**2,130,943**
New York	835,784	895,102	1,046,410	1,124,336	1,146,721	1,173,379	1,153,722	1,114,286
New Jersey	256,264	280,722	337,776	375,112	376,912	361,291	340,976	322,760
Pennsylvania	726,065	762,813	906,708	967,090	899,818	832,295	755,326	693,897
East North Central	**2,007,977**	**1,971,537**	**2,226,283**	**2,374,005**	**2,294,492**	**2,213,877**	**2,071,260**	**1,962,698**
Ohio	507,316	495,366	576,178	626,072	598,762	567,056	529,896	494,515
Indiana	268,535	261,352	292,661	311,912	288,932	275,304	255,377	240,439
Illinois	546,962	542,759	618,280	672,996	687,842	683,556	643,176	612,917
Michigan	431,384	418,855	463,917	478,220	457,151	438,366	410,482	395,357
Wisconsin	253,780	253,205	275,247	284,805	261,805	249,595	232,329	219,470
West North Central	**1,079,157**	**1,082,941**	**1,176,561**	**1,249,151**	**1,125,470**	**1,054,722**	**992,669**	**933,261**
Minnesota	230,057	220,176	238,918	257,349	245,592	225,097	204,311	192,452
Iowa	207,117	199,857	216,876	231,986	211,145	193,678	178,851	169,311
Missouri	279,471	289,988	316,184	335,160	304,119	300,862	292,992	277,763
North Dakota	61,793	62,422	66,375	66,049	57,452	50,655	45,282	39,769
South Dakota	57,863	58,531	62,035	64,716	54,868	48,464	43,598	41,476
Nebraska	104,546	108,552	118,433	125,101	107,339	100,045	95,553	88,742
Kansas	138,310	143,415	157,740	168,790	144,955	135,921	132,082	123,748
South Atlantic	**1,687,908**	**1,712,113**	**1,808,333**	**1,854,773**	**1,705,459**	**1,562,546**	**1,358,397**	**1,222,774**
Delaware	19,478	19,682	21,352	23,297	24,268	22,822	21,312	19,772
Maryland	136,665	140,830	156,352	167,777	164,932	158,181	148,787	138,902
Dist. of Columbia	39,851	37,245	41,089	48,680	65,483	74,346	65,768	58,348
Virginia	244,077	252,468	270,287	282,053	253,320	228,915	200,633	181,267
West Virginia	196,579	191,987	205,792	205,836	173,477	156,724	137,501	123,392
North Carolina	375,998	383,841	401,380	404,850	355,734	313,254	261,961	228,352
South Carolina	210,660	214,036	215,989	224,090	193,891	160,513	128,812	115,046
Georgia	313,122	319,056	325,009	328,410	304,638	277,500	236,138	209,545
Florida	151,478	152,968	171,083	169,780	169,716	170,291	157,485	148,150
East South Central	**1,095,923**	**1,108,522**	**1,144,296**	**1,121,789**	**970,590**	**898,721**	**796,566**	**716,560**
Kentucky	285,192	284,999	293,858	294,807	245,842	222,848	199,280	183,845
Tennessee	278,112	283,807	294,084	297,044	264,938	249,845	225,553	200,488
Alabama	297,319	304,498	314,341	300,291	261,776	242,848	210,896	187,486
Mississippi	235,300	235,218	242,013	229,647	198,034	183,180	160,837	144,741
West South Central	**1,223,135**	**1,248,056**	**1,314,813**	**1,322,456**	**1,156,264**	**1,123,416**	**1,034,363**	**948,386**
Arkansas	197,502	200,273	206,340	204,913	172,073	158,057	143,070	128,457
Louisiana	230,627	227,976	243,836	240,398	216,396	207,021	186,454	174,149
Oklahoma	219,326	226,325	237,232	241,064	199,358	189,776	178,316	162,194
Texas	575,680	593,482	627,405	636,081	568,437	568,562	526,523	483,586
Mountain	**405,063**	**385,085**	**391,940**	**398,088**	**369,400**	**346,560**	**310,386**	**275,656**
Montana	48,581	45,213	48,101	51,136	51,278	47,028	41,152	36,361
Idaho	52,153	48,077	49,924	51,866	47,982	44,347	38,760	32,847
Wyoming	22,681	21,706	22,332	24,002	23,296	21,961	19,873	17,653
Colorado	96,660	93,705	97,618	102,144	95,233	91,870	84,579	76,397
New Mexico	64,001	61,156	58,435	54,301	46,630	44,306	38,761	34,510
Arizona	53,133	50,911	49,890	48,070	44,135	42,761	38,542	35,046
Utah	58,772	56,431	57,762	58,220	51,262	43,943	39,236	34,188
Nevada	9,082	7,886	7,878	8,349	9,584	10,344	9,483	8,654
Pacific	**651,521**	**625,063**	**688,544**	**783,684**	**814,299**	**850,609**	**799,365**	**760,075**
Washington	121,918	116,762	127,842	146,725	148,867	146,594	134,757	124,990
Oregon	76,109	73,209	81,987	92,358	90,502	91,166	83,859	77,565
California	453,494	435,092	478,715	544,601	574,930	612,849	580,749	557,520

No. 47.—Population, by Age, by States: 1940—Continued

Division and State	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 to 74 years	75 years and over	Median age
U. S.	**8,787,843**	**8,255,225**	**7,256,846**	**5,843,865**	**4,728,340**	**3,806,657**	**2,569,532**	**2,643,125**	**29.0**
N. E.	**585,655**	**571,438**	**506,907**	**417,148**	**356,074**	**293,081**	**207,353**	**214,915**	**31.3**
Maine	52,718	50,190	45,716	41,178	36,025	31,119	23,143	26,063	29.6
N. H.	32,681	31,731	28,344	24,720	22,378	18,656	14,336	15,728	31 6
Vt.	21,940	21,307	19,688	17,464	15,634	13,149	10,234	11,109	29.9
Mass.	306,967	299,276	265,053	217,660	184,417	152,480	106,642	109,852	31.8
R. I.	50,424	47,989	42,395	34,831	28,779	23,147	15,944	15,193	30.7
Conn.	120,925	120,945	105,711	81,295	68,841	54,530	37,054	36,970	31.1
M. A.	**2,043,238**	**1,907,415**	**1,669,231**	**1,306,594**	**1,048,799**	**800,664**	**544,770**	**533,211**	**31.0**
N. Y.	1,068,203	975,242	847,313	653,239	523,049	395,772	266,943	259,641	32.2
N. J.	315,720	297,595	259,570	198,622	158,024	119,172	80,239	79,410	31.3
Pa.	659,315	634,578	562,348	454,733	367,726	285,720	197,588	194,160	29.1
E. N. C.	**1,859,597**	**1,798,861**	**1,587,410**	**1,273,829**	**1,015,752**	**801,889**	**567,456**	**599,419**	**30.5**
Ohio	476,605	465,511	412,990	339,532	278,084	221,229	155,768	162,732	30.8
Ind.	224,229	214,731	197,681	170,153	138,454	114,898	83,416	89,722	30.3
Ill.	579,785	561,573	493,139	385,511	300,782	235,125	165,281	167,557	31.5
Mich.	368,276	353,299	301,048	230,268	178,629	135,556	94,286	101,012	29.3
Wis.	210,702	203,747	182,552	148,365	119,803	95,081	68,705	78,396	29.8
W. N. C.	**885,504**	**861,515**	**778,537**	**650,628**	**534,146**	**437,995**	**317,964**	**356,769**	**30.0**
Minn.	187,196	182,525	162,931	129,941	103,137	82,635	60,455	69,528	29.5
Iowa	164,434	162,216	145,667	124,261	105,102	87,319	65,944	74,504	30.2
Mo.	255,033	245,347	219,608	187,378	155,014	130,197	94,729	100,819	31.1
N. Dak.	36,071	34,755	32,457	27,779	21,686	16,510	10,975	11,905	25.7
S. Dak.	39,751	39,161	36,059	29,227	22,772	17,668	12,358	14,414	27.4
Nebr.	85,942	84,078	77,719	63,245	50,907	41,252	29,564	34,816	29.7
Kans.	117,077	113,433	104,096	88,797	75,528	62,414	43,939	50,783	30 4
S. A.	**1,052,132**	**935,154**	**802,099**	**634,214**	**518,258**	**440,012**	**267,891**	**261,088**	**25.5**
Del.	18,831	17,354	15,225	12,204	10,342	8,295	5,824	6,447	30.6
Md.	127,260	115,111	99,600	78,372	64,959	52,494	35,183	35,839	29.6
D. C.	53,889	46,641	37,918	28,870	23,757	18,309	11,651	11,246	31 9
Va.	159,458	143,185	124,019	99,638	83,509	68,772	43,415	42,757	25.8
W. Va.	107,657	96,087	82,430	68,895	54,643	44,562	28,198	28,214	24.3
N. C.	189,054	162,980	140,112	110,844	86,723	73,637	41,627	41,276	23 1
S. C.	95,827	85,689	72,885	56,021	45,031	40,419	21,573	19,322	22.2
Ga.	174,120	156,489	134,244	102,773	83,965	75,095	42,732	40,887	24 5
Fla.	126,036	111,618	95,666	76,597	65,329	58,429	37,688	35,100	28 9
E. S. C.	**600,604**	**544,867**	**473,985**	**383,028**	**310,085**	**276,903**	**167,691**	**168,095**	**24.7**
Ky.	163,094	150,630	131,346	100,798	90,804	80,951	53,344	54,989	25 4
Tenn.	167,844	151,161	135,375	109,043	86,769	79,145	47,281	45,352	25.8
Ala.	151,443	139,114	118,630	93,317	74,793	62,041	36,903	37,265	23.8
Miss.	118,223	103,962	88,634	70,870	57,719	54,766	30,163	30,489	23.8
W. S. C.	**798,885**	**718,366**	**596,151**	**480,007**	**381,535**	**325,126**	**196,718**	**196,848**	**26.2**
Ark.	107,677	103,851	88,261	72,966	58,687	48,937	29,863	28,460	24.8
La.	141,381	126,685	102,269	81,324	63,361	56,162	31,636	31,205	25 5
Okla.	138,921	126,964	108,082	90,391	73,551	63,713	40,830	40,391	26.2
Tex.	407,906	360,866	297,539	235,326	185,936	156,314	94,389	96,792	26.8
Mt.	**248,361**	**239,610**	**215,511**	**175,161**	**138,021**	**104,863**	**72,218**	**74,080**	**26.8**
Mont.	32,816	35,399	36,116	28,788	21,230	15,356	10,410	10,491	28 8
Idaho	29,881	29,203	27,397	22,668	18,068	13,183	9,154	9,363	26.4
Wyo.	16,446	15,870	14,033	10,568	7,763	5,485	3,511	3,562	27.6
Colo.	71,219	69,495	61,973	52,385	43,580	34,927	25,427	26,084	29 2
N. Mex.	29,277	26,567	21,579	16,472	12,539	10,041	6,498	6,745	23 0
Ariz.	30,139	27,354	22,922	18,383	14,066	10,620	6,566	6,723	25.4
Utah	30,711	28,188	24,760	20,356	16,266	12,166	8,714	9,335	24.3
Nev.	7,872	7,534	6,731	5,541	4,509	3,085	1,938	1,777	31.1
Pac.	**713,867**	**677,999**	**627,015**	**523,256**	**425,670**	**326,124**	**227,471**	**238,700**	**32.8**
Wash.	118,525	117,709	112,915	96,698	77,569	57,963	41,943	44,414	32.2
Oreg.	75,718	75,091	70,939	60,071	48,382	37,085	26,650	28,993	32.4
Calif.	519,624	485,199	443,161	366,487	299,719	231,076	158,878	165,293	33.0

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

No. 48.—Population, Urban and Rural, by States: 1920, 1930, and 1940

[Urban-rural classification in accordance with 1940 definitions; see p. 2. For U. S. totals, see also *Historical Statistics*, series B 16–17]

Division and State	1920		1930		1940		Percent urban		
	Urban	Rural	Urban	Rural	Urban	Rural	1920	1930	1940
United States	**54,157,973**	**51,552,647**	**68,954,823**	**53,820,223**	**74,423,702**	**57,245,573**	**51.2**	**56.2**	**56.5**
New England	**5,620,384**	**1,780,525**	**6,311,976**	**1,854,365**	**6,420,542**	**2,016,748**	**75.9**	**77.3**	**76.1**
Maine	290,569	468,445	321,506	475,917	343,057	504,169	39.0	40.3	40.5
New Hampshire	250,438	192,645	273,079	192,214	283,225	208,299	56.5	58.7	57.6
Vermont	109,976	242,452	118,766	240,845	123,239	235,992	31.2	33.0	34.3
Massachusetts	3,468,916	383,440	3,831,426	418,188	3,859,476	457,245	90.0	90.2	89.4
Rhode Island	555,146	49,251	635,429	52,068	653,383	59,963	91.9	92.4	91.6
Connecticut	936,339	444,292	1,131,770	475,133	1,158,162	551,080	67.8	70.4	67.8
Middle Atlantic	**16,783,474**	**5,477,670**	**20,394,707**	**5,866,043**	**21,147,543**	**6,391,944**	**75.4**	**77.7**	**76.8**
New York	8,588,586	1,796,641	10,521,952	2,066,114	11,165,893	2,313,249	82.7	83.6	82.8
New Jersey	2,522,435	633,465	3,339,244	702,090	3,394,773	765,392	79.9	82.6	81.6
Pennsylvania	5,672,453	3,047,564	6,533,511	3,097,839	6,586,877	3,313,303	65.1	67.8	66.5
East North Central	**13,050,086**	**8,425,457**	**16,794,908**	**8,502,277**	**17,444,359**	**9,181,983**	**60.8**	**66.4**	**65.5**
Ohio	3,677,136	2,082,258	4,507,371	2,139,326	4,612,986	2,294,626	63.8	67.8	66.8
Indiana	1,482,855	1,447,535	1,795,892	1,442,611	1,887,712	1,540,084	50.6	55.5	55.1
Illinois	4,403,677	2,081,603	5,635,727	1,994,927	5,809,650	2,087,591	67.9	73.9	73.6
Michigan	2,241,560	1,426,852	3,302,075	1,540,250	3,454,867	1,801,239	61.1	68.2	65.7
Wisconsin	1,244,858	1,387,209	1,553,843	1,385,163	1,679,144	1,458,443	47.3	52.9	53.5
West North Central	**4,725,880**	**7,818,369**	**5,556,181**	**7,740,734**	**5,993,124**	**7,523,866**	**37.7**	**41.8**	**44.3**
Minnesota	1,051,593	1,335,532	1,257,616	1,306,337	1,390,098	1,402,202	44.1	49.0	49.8
Iowa	875,495	1,528,526	979,292	1,491,647	1,084,231	1,454,037	36.4	39.6	42.7
Missouri	1,586,903	1,817,152	1,859,119	1,770,248	1,960,696	1,823,968	46.6	51.2	51.8
North Dakota	88,239	558,633	113,306	567,539	131,923	510,012	13.6	16.6	20.6
South Dakota	101,872	534,675	130,907	561,942	158,087	484,874	16.0	18.9	24.6
Nebraska	405,293	891,079	486,107	891,856	514,148	801,686	31.3	35.3	39.1
Kansas	616,485	1,152,772	729,834	1,151,165	753,941	1,047,087	34.8	38.8	41.9
South Atlantic	**4,336,482**	**9,653,790**	**5,698,122**	**10,095,467**	**6,921,726**	**10,901,425**	**31.0**	**36.1**	**38.8**
Delaware	120,767	102,236	123,146	115,234	139,432	127,073	54.2	51.7	52.3
Maryland	869,422	580,239	974,869	656,657	1,080,351	740,893	60.0	59.8	59.3
Dist. of Columbia	437,571		486,869		663,091		100.0	100.0	100.0
Virginia	673,984	1,635,203	785,537	1,636,314	944,675	1,733,098	29.2	32.4	35.3
West Virginia	369,007	1,094,694	491,504	1,237,701	534,292	1,367,682	25.2	28.4	28.1
North Carolina	490,370	2,068,753	809,847	2,360,429	974,175	2,597,448	19.2	25.5	27.3
South Carolina	293,987	1,389,737	371,080	1,367,685	466,111	1,433,693	17.5	21.3	24.5
Georgia	727,859	2,167,973	895,492	2,013,014	1,073,808	2,049,915	25.1	30.8	34.4
Florida	353,515	614,955	759,778	708,433	1,045,791	851,623	36.5	51.7	55.1
East South Central	**1,994,207**	**6,899,100**	**2,778,687**	**7,108,527**	**3,165,356**	**7,612,869**	**22.4**	**28.1**	**29.4**
Kentucky	633,543	1,783,087	799,026	1,815,563	849,327	1,996,300	26.2	30.6	29.8
Tennessee	611,226	1,726,659	896,538	1,720,018	1,027,206	1,888,635	26.1	34.3	35.2
Alabama	509,317	1,838,857	744,273	1,901,975	855,941	1,977,020	21.7	28.1	30.2
Mississippi	240,121	1,550,497	338,850	1,670,971	432,882	1,750,914	13.4	16.9	19.8
West South Central	**2,969,366**	**7,272,858**	**4,427,439**	**7,749,391**	**5,203,401**	**7,861,124**	**29.0**	**36.4**	**39.8**
Arkansas	290,497	1,461,707	382,878	1,471,604	431,910	1,517,477	16.6	20.6	22.2
Louisiana	628,163	1,170,346	833,532	1,268,061	980,439	1,383,441	34.9	39.7	41.5
Oklahoma	538,017	1,490,266	821,681	1,574,359	879,663	1,456,771	26.5	34.3	37.6
Texas	1,512,689	3,150,539	2,389,348	3,435,367	2,911,389	3,503,435	32.4	41.0	45.4
Mountain	**1,217,988**	**2,118,113**	**1,457,922**	**2,243,867**	**1,771,742**	**2,378,261**	**36.5**	**39.4**	**42.7**
Montana	172,011	376,878	181,036	356,570	211,535	347,921	31.3	33.7	37.8
Idaho	119,037	312,829	129,507	315,525	176,708	348,165	27.6	29.1	33.7
Wyoming	57,095	137,307	70,097	155,468	93,577	157,165	29.4	31.1	37.3
Colorado	453,259	486,370	519,882	515,909	590,756	532,540	48.2	50.2	52.6
New Mexico	64,960	295,390	106,816	316,501	176,401	355,417	18.0	25.2	33.2
Arizona	120,788	213,374	149,856	285,717	173,981	325,280	36.1	34.4	34.8
Utah	215,584	233,812	266,264	241,583	305,493	244,817	48.0	52.4	55.5
Nevada	15,254	62,153	34,464	56,594	43,291	66,956	19.7	37.8	39.3
Pacific	**3,460,106**	**2,106,765**	**5,534,881**	**2,639,552**	**6,355,909**	**3,377,353**	**62.2**	**67.5**	**65.3**
Washington	742,801	613,820	884,539	678,857	921,969	814,222	54.8	56.6	53.1
Oregon	390,346	393,043	489,746	464,040	531,675	558,009	49.8	51.3	48.8
California	2,326,959	1,099,902	4,160,596	1,516,655	4,902,265	2,005,122	67.9	73.3	71.0

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. I.

No. 49.—Farm Population, 1930 and 1940, and Rural-Nonfarm Population, 1940

[Urban-rural classification in accordance with 1940 definitions; see p. 2. For U. S. totals, see also *Historical Statistics*, series B 165–170]

Division and state	Farm population								Rural-nonfarm population, 1940
	Total		Percent of total population		Rural-farm		Urban-farm		
	1930	1940	1930	1940	1930	1940	1930	1940	
United States	**30,445,350**	**30,546,911**	**24.8**	**23.2**	**30,157,513**	**30,216,188**	**287,837**	**330,723**	**27,029,385**
New England	**573,251**	**622,621**	**7.0**	**7.4**	**499,083**	**532,062**	**74,168**	**90,559**	**1,484,686**
Maine	170,995	176,273	21.4	20.8	161,429	165,450	9,566	10,823	338,719
New Hampshire	62,850	70,484	13.5	14.3	54,911	61,649	7,939	8,835	146,650
Vermont	112,904	106,532	31.4	29.7	111,898	105,512	1,006	1,020	130,480
Massachusetts	123,255	147,214	2.9	3.4	80,309	94,033	42,946	53,181	363,212
Rhode Island	16,477	17,308	2.4	2.4	10,289	9,793	6,188	7,515	50,170
Connecticut	86,770	104,810	5.4	6.1	80,247	95,625	6,523	9,185	455,455
Middle Atlantic	**1,707,719**	**1,788,310**	**6.5**	**6.5**	**1,673,694**	**1,753,199**	**34,025**	**35,111**	**4,638,745**
New York	719,929	730,453	5.7	5.4	706,446	715,812	13,483	14,641	1,597,437
New Jersey	131,096	143,058	3.2	3.4	121,008	132,219	10,088	10,839	633,173
Pennsylvania	856,694	914,799	8.9	9.2	846,240	905,168	10,454	9,631	2,408,135
E. N. Central	**4,488,933**	**4,637,740**	**17.7**	**17.4**	**4,453,114**	**4,583,444**	**35,819**	**54,296**	**4,598,539**
Ohio	1,013,229	1,088,655	15.2	15.8	1,004,288	1,070,299	8,941	18,356	1,224,327
Indiana	813,007	816,408	25.1	23.8	808,981	812,651	4,026	3,757	727,433
Illinois	999,249	978,907	13.1	12.4	991,401	968,103	7,848	10,804	1,119,488
Michigan	782,394	870,832	16.2	16.6	775,436	860,202	6,958	10,630	941,037
Wisconsin	881,054	882,938	30.0	28.1	873,008	872,189	8,046	10,749	586,254
W. N. Central	**5,068,135**	**4,711,257**	**38.1**	**34.9**	**5,035,561**	**4,675,245**	**32,574**	**36,012**	**2,848,621**
Minnesota	895,349	914,609	34.9	32.8	888,049	905,440	7,300	9,169	496,762
Iowa	977,966	930,810	39.6	36.7	964,659	916,768	13,247	14,042	537,269
Missouri	1,114,484	1,125,413	30.7	29.7	1,108,969	1,118,644	5,515	6,769	705,324
North Dakota	397,294	327,943	58.4	51.1	396,871	327,498	423	445	182,514
South Dakota	390,205	307,318	56.3	47.8	389,431	306,670	774	648	178,204
Nebraska	585,701	498,220	42.5	37.9	582,981	495,447	2,720	2,773	306,239
Kansas	707,196	606,944	37.6	33.7	704,601	604,778	2,595	2,166	442,309
South Atlantic	**5,898,176**	**6,059,841**	**37.3**	**34.0**	**5,878,956**	**6,038,206**	**19,220**	**21,635**	**4,863,219**
Delaware	46,530	45,974	19.5	17.3	46,302	45,673	228	301	81,400
Maryland	237,456	245,623	14.6	13.5	236,172	243,060	1,284	2,563	497,833
Dist. of Columbia	435	227	.1	(1)			435	227	
Virginia	950,757	986,447	39.3	36.8	948,746	983,359	2,011	3,088	749,739
West Virginia	449,114	532,615	26.0	28.0	447,750	531,452	1,364	1,163	836,230
North Carolina	1,599,918	1,659,477	50.5	46.5	1,597,220	1,656,501	2,698	2,976	940,947
South Carolina	916,471	916,611	52.7	48.2	914,098	913,312	2,373	3,299	520,381
Georgia	1,418,514	1,367,627	48.8	43.8	1,413,719	1,363,966	4,795	3,661	685,949
Florida	278,981	305,240	19.0	16.1	274,949	300,883	4,032	4,357	550,740
E. S. Central	**5,095,096**	**5,282,844**	**51.5**	**49.0**	**5,084,435**	**5,268,391**	**10,661**	**14,453**	**2,344,478**
Kentucky	1,176,524	1,261,040	45.0	44.3	1,174,232	1,257,899	2,292	3,141	738,401
Tennessee	1,215,452	1,275,582	46.5	43.7	1,213,065	1,271,944	2,387	3,638	616,691
Alabama	1,340,277	1,343,080	50.6	47.4	1,336,409	1,338,664	3,868	4,416	638,356
Mississippi	1,362,843	1,403,142	67.8	64.3	1,360,729	1,399,884	2,114	3,258	351,030
W. S. Central	**5,326,412**	**5,057,011**	**43.7**	**38.7**	**5,307,939**	**5,037,317**	**18,473**	**19,694**	**2,823,807**
Arkansas	1,119,464	1,113,102	60.4	57.1	1,117,330	1,111,007	2,134	2,095	406,470
Louisiana	830,606	853,949	39.5	36.1	826,882	850,382	3,724	3,567	533,059
Oklahoma	1,024,070	930,412	42.7	39.8	1,021,174	926,741	2,896	3,671	530,030
Texas	2,352,272	2,159,548	40.4	33.7	2,342,553	2,149,187	9,719	10,361	1,354,248
Mountain	**1,138,718**	**1,117,708**	**30.8**	**26.9**	**1,123,693**	**1,101,202**	**15,025**	**16,506**	**1,277,059**
Montana	204,594	176,054	38.1	31.5	203,962	175,707	632	347	172,214
Idaho	188,365	202,582	42.3	38.6	186,100	200,016	2,265	2,566	148,149
Wyoming	73,152	72,892	32.4	29.1	72,905	72,674	247	218	84,491
Colorado	282,827	252,863	27.3	22.5	281,038	251,692	1,789	1,171	280,848
New Mexico	158,631	178,349	37.5	33.5	157,906	177,114	725	1,235	178,303
Arizona	98,995	114,448	22.7	22.9	98,819	114,022	176	426	211,258
Utah	115,713	104,658	22.8	19.0	106,667	94,352	9,046	10,306	150,465
Nevada	16,441	15,862	18.1	14.4	16,296	15,625	145	237	51,331
Pacific	**1,148,910**	**1,269,579**	**14.0**	**13.0**	**1,101,038**	**1,227,122**	**47,872**	**42,457**	**2,150,231**
Washington	304,737	340,402	19.5	19.6	300,143	335,450	4,594	4,952	478,772
Oregon	223,667	258,751	23.5	23.7	221,545	256,283	2,122	2,468	301,726
California	620,506	670,426	10.9	9.7	579,350	635,389	41,156	35,037	1,369,733

[1] Less than 0.1 percent.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

No. 50.—Population 21 Years Old and Over, by Citizenship and Nativity, by States: 1940

[For U. S. totals, see also *Historical Statistics*, series B 237-278]

Division and State	Total	Citizen				Alien		Citizenship not reported
		Total		Native	Naturalized	First papers	No papers	
		Number	Percent					
United States	**83,996,629**	**79,863,451**	**95.1**	**72,703,808**	**7,159,643**	**910,416**	**2,424,976**	**797,786**
New England	**5,636,471**	**5,015,624**	**89.0**	**4,162,263**	**853,361**	**114,978**	**383,102**	**122,767**
Maine	533,230	493,506	92.6	452,892	40,614	6,734	26,370	6,620
New Hampshire	325,206	295,859	91.0	258,602	37,257	5,698	15,785	7,864
Vermont	228,037	214,248	94.0	197,948	16,300	3,036	7,854	2,899
Massachusetts	2,916,202	2,575,477	88.3	2,076,927	498,550	61,296	211,439	67,990
Rhode Island	474,195	424,876	89.6	338,024	86,852	8,896	29,422	11,001
Connecticut	1,159,601	1,011,658	87.2	837,870	173,788	29,318	92,232	26,393
Middle Atlantic	**18,536,034**	**16,951,733**	**91.5**	**14,073,263**	**2,878,470**	**372,585**	**926,568**	**285,148**
New York	9,350,026	8,327,563	89.1	6,525,884	1,801,679	238,882	620,254	163,327
New Jersey	2,834,600	2,592,978	91.5	2,153,787	439,191	47,341	138,231	56,050
Pennsylvania	6,351,408	6,031,192	95.0	5,393,592	637,600	86,362	168,083	65,771
East North Central	**17,594,155**	**16,796,537**	**95.5**	**15,076,893**	**1,719,644**	**221,070**	**429,815**	**146,733**
Ohio	4,583,907	4,404,423	96.1	4,074,271	330,152	50,016	96,441	33,027
Indiana	2,235,350	2,198,935	98.4	2,126,986	71,949	9,757	18,345	8,313
Illinois	5,381,944	5,119,854	95.1	4,428,862	690,992	73,557	143,917	44,616
Michigan	3,374,373	3,131,722	92.8	2,712,838	418,884	68,091	136,749	37,811
Wisconsin	2,018,581	1,941,603	96.2	1,733,936	207,667	19,649	34,363	22,966
West North Central	**8,697,425**	**8,501,797**	**97.8**	**7,927,077**	**574,720**	**40,442**	**72,925**	**82,261**
Minnesota	1,796,857	1,730,547	96.3	1,504,683	225,864	15,027	23,402	27,881
Iowa	1,639,266	1,608,926	98.1	1,523,355	85,571	4,873	9,761	15,706
Missouri	2,501,472	2,463,726	98.5	2,388,912	74,814	9,250	17,590	10,906
North Dakota	373,216	358,090	95.9	299,489	58,601	2,551	4,337	8,238
South Dakota	388,165	378,405	97.5	344,357	34,048	2,187	2,175	5,398
Nebraska	836,581	817,280	97.7	755,289	61,991	3,941	7,926	7,434
Kansas	1,161,868	1,144,823	98.5	1,110,992	33,831	2,613	7,734	6,698
South Atlantic	**10,402,423**	**10,285,903**	**98.9**	**10,108,718**	**177,185**	**24,473**	**60,237**	**31,810**
Delaware	177,635	171,856	96.7	163,057	8,799	1,073	2,838	1,868
Maryland	1,185,654	1,153,510	97.3	1,105,113	48,397	6,966	16,090	9,088
Dist. of Columbia	484,738	474,793	97.9	450,837	23,956	2,616	5,271	2,058
Virginia	1,575,481	1,567,517	99.5	1,552,877	14,640	1,606	2,933	3,425
West Virginia	1,066,732	1,046,107	98.1	1,025,876	20,231	4,292	12,413	3,920
North Carolina	1,929,051	1,925,483	99.8	1,920,199	5,284	722	1,013	1,833
South Carolina	991,536	989,841	99.8	986,750	3,091	314	458	923
Georgia	1,772,936	1,768,969	99.8	1,761,092	7,877	849	1,493	1,625
Florida	1,218,660	1,187,827	97.5	1,142,917	44,910	6,035	17,728	7,070
East South Central	**6,100,838**	**6,084,611**	**99.7**	**6,056,293**	**28,318**	**3,110**	**5,912**	**7,205**
Kentucky	1,635,781	1,630,772	99.7	1,620,424	10,348	1,063	1,536	2,410
Tennessee	1,707,760	1,703,391	99.7	1,696,635	6,756	867	1,753	1,749
Alabama	1,559,680	1,555,369	99.7	1,547,799	7,570	829	1,447	2,035
Mississippi	1,197,617	1,195,079	99.8	1,191,435	3,644	351	1,176	1,011
West South Central	**7,707,724**	**7,536,731**	**97.8**	**7,426,917**	**109,814**	**13,458**	**132,173**	**25,362**
Arkansas	1,101,860	1,098,986	99.7	1,094,127	4,859	441	855	1,578
Louisiana	1,374,947	1,364,933	99.3	1,347,638	17,295	1,949	5,978	2,087
Oklahoma	1,369,196	1,362,438	99.5	1,349,071	13,367	1,328	2,315	3,115
Texas	3,861,721	3,710,374	96.1	3,636,081	74,293	9,740	123,025	18,582
Mountain	**2,494,824**	**2,393,992**	**96.0**	**2,233,240**	**160,752**	**15,475**	**61,097**	**24,260**
Montana	356,096	343,180	96.4	300,717	42,463	2,564	5,304	5,048
Idaho	312,965	305,311	97.6	288,939	16,372	1,749	3,181	2,724
Wyoming	155,433	150,031	96.5	138,624	11,407	1,075	2,936	1,391
Colorado	713,968	688,410	96.4	643,383	45,027	4,498	14,935	6,125
New Mexico	284,296	275,227	96.8	269,495	5,732	753	7,043	1,273
Arizona	288,265	263,346	91.4	251,638	11,708	1,890	19,824	3,205
Utah	308,439	298,160	96.7	275,892	22,268	2,040	5,021	3,218
Nevada	75,362	70,327	93.3	64,552	5,775	906	2,853	1,276
Pacific	**6,826,735**	**6,296,523**	**92.2**	**5,639,144**	**657,379**	**104,825**	**353,147**	**72,240**
Washington	1,192,982	1,123,725	94.2	988,885	134,840	18,113	35,737	15,407
Oregon	748,212	717,121	95.8	660,537	56,584	7,980	15,324	7,787
California	4,885,541	4,455,677	91.2	3,989,722	465,955	78,732	302,086	49,046

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II, Part 1.

No. 51.—Native White Population, by Parentage, by States: 1920, 1930, and 1940

[1940 data based on Sample B; see p. 1]

Division and State	Total native white, 1940	Native parentage			Foreign or mixed parentage		
		1920	1930	1940	1920	1930	1940
United States	107,282,420	58,421,957	70,400,952	84,124,840	22,686,204	25,902,383	23,157,580
New England	6,872,580	2,803,149	3,167,091	4,024,080	2,642,276	3,063,751	2,848,500
Maine	764,340	495,780	515,244	590,060	162,566	179,573	174,280
New Hampshire	424,680	225,512	239,438	285,640	125,586	142,252	139,040
Vermont	328,740	228,325	234,090	257,560	78,966	81,814	71,180
Massachusetts	3,427,440	1,230,773	1,429,791	1,868,220	1,495,217	1,708,524	1,559,220
Rhode Island	566,700	173,553	210,963	288,360	246,928	295,343	278,340
Connecticut	1,360,680	449,206	537,565	734,240	533,013	656,245	626,440
Middle Atlantic	21,818,600	9,631,012	11,450,123	14,107,240	7,098,253	8,454,467	7,711,360
New York	10,076,960	3,668,266	4,474,067	5,796,840	3,717,649	4,485,182	4,280,120
New Jersey	3,256,260	1,212,675	1,571,558	1,980,720	1,085,799	1,413,321	1,275,540
Pennsylvania	8,485,380	4,750,071	5,404,498	6,329,680	2,294,805	2,555,964	2,155,700
East North Central	23,061,860	11,790,370	14,501,781	17,445,560	5,925,213	6,569,062	5,616,300
Ohio	6,075,080	3,669,122	4,325,406	4,944,040	1,224,074	1,362,679	1,131,040
Indiana	3,203,800	2,329,544	2,605,883	2,920,140	368,659	377,350	283,660
Illinois	6,554,400	3,066,563	3,769,466	4,590,540	2,025,819	2,287,574	1,963,860
Michigan	4,388,120	1,670,447	2,364,482	3,060,800	1,204,545	1,449,728	1,327,320
Wisconsin	2,840,460	1,054,694	1,436,544	1,930,040	1,102,116	1,091,731	910,420
West North Central	12,376,960	7,475,548	8,549,047	9,709,740	3,377,878	3,282,568	2,667,220
Minnesota	2,483,940	827,627	1,114,485	1,575,120	1,055,145	1,037,834	908,820
Iowa	2,417,220	1,528,553	1,697,589	1,953,880	629,981	587,008	463,340
Missouri	3,428,380	2,536,936	2,776,434	3,063,220	502,082	475,033	365,160
North Dakota	560,680	207,966	256,715	311,320	300,485	309,655	249,360
South Dakota	576,120	308,598	375,666	398,780	228,158	228,661	177,340
Nebraska	1,220,000	757,064	874,217	929,060	372,503	367,049	290,940
Kansas	1,690,620	1,308,804	1,453,941	1,478,360	289,524	277,328	212,260
South Atlantic	12,844,940	8,779,416	10,412,419	12,259,320	553,604	632,819	585,620
Delaware	216,180	139,876	155,026	185,040	32,929	33,785	31,140
Maryland	1,448,260	893,088	1,039,798	1,264,480	209,472	219,287	183,780
Dist. of Columbia	444,460	239,488	262,432	378,160	58,824	61,563	66,300
Virginia	1,903,380	1,534,494	1,692,707	1,942,380	52,630	53,894	51,000
West Virginia	1,744,500	1,232,857	1,461,560	1,655,080	82,472	100,952	89,420
North Carolina	2,559,820	1,765,203	2,208,567	2,543,540	11,477	17,597	16,280
South Carolina	1,080,800	799,418	925,445	1,069,820	12,719	13,335	10,980
Georgia	2,034,860	1,642,697	1,792,508	2,009,200	30,231	30,570	25,660
Florida	1,322,680	532,295	874,376	1,211,620	62,850	101,836	111,060
East South Central	7,968,640	6,092,782	6,972,148	7,835,080	202,826	195,525	133,560
Kentucky	2,621,160	2,039,134	2,269,546	2,560,460	110,646	97,008	60,700
Tennessee	2,405,520	1,832,757	2,087,386	2,375,760	37,758	38,171	29,760
Alabama	1,843,100	1,394,129	1,646,347	1,817,000	35,241	38,748	26,100
Mississippi	1,098,860	826,762	968,869	1,081,860	19,181	21,598	17,000
West South Central	10,317,480	6,959,785	8,503,918	9,552,820	696,609	854,369	764,660
Arkansas	1,458,080	1,226,692	1,329,246	1,432,480	39,090	35,687	25,600
Louisiana	1,487,380	941,724	1,175,459	1,403,700	110,016	111,262	83,680
Oklahoma	2,089,700	1,679,107	1,995,209	2,011,740	102,119	105,320	77,960
Texas	5,282,320	3,112,262	4,004,004	4,704,900	445,384	602,100	577,420
Mountain	3,730,480	2,002,508	2,381,452	3,018,500	757,166	797,038	711,980
Montana	486,340	275,803	283,715	341,320	164,837	161,535	145,020
Idaho	496,920	294,252	320,268	417,320	92,453	87,269	79,600
Wyoming	230,740	122,884	150,669	186,260	42,007	47,903	44,480
Colorado	1,038,760	603,041	702,062	849,220	204,108	218,509	189,540
New Mexico	478,300	273,317	328,339	439,500	32,279	38,976	38,800
Arizona	390,760	151,145	229,202	304,780	62,205	85,903	85,980
Utah	514,160	245,781	319,414	407,720	139,665	134,564	106,440
Nevada	94,500	36,285	47,783	72,380	19,612	22,379	22,120
Pacific	8,290,880	2,887,387	4,462,973	6,172,500	1,432,379	2,052,784	2,118,380
Washington	1,505,260	711,706	873,664	1,116,620	358,016	403,331	388,640
Oregon	998,420	497,726	630,036	804,780	169,269	201,846	193,640
California	5,787,200	1,677,955	2,959,273	4,251,100	905,094	1,447,607	1,536,100

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Nativity and Parentage of the White Population—General Characteristics.

No. 52.—In-Migrants, Out-Migrants, and Net Migration by Sex, by States: 1940

[In-migrants are classified by division or State of residence in 1940; out-migrants by division or State of residence in 1935. In-migrants shown here represent "migrants between States" in table 22. See headnote, table 22. Minus sign (−) denotes net out-migration]

Division and State	Number					Percent of 1940 population				
	In-migrants	Out-migrants	Net migration			In-migrants	Out-migrants	Net migration		
			Total	Male	Female			Total	Male[1]	Female[2]
United States	6,495,049	6,495,049				4.9	4.9			
New England	306,796	321,982	−15,186	−7,756	−7,430	3.6	3.8	−0.2	−0.2	−0.2
Maine	26,517	35,144	−8,627	−3,425	−5,202	3.1	4.1	−1.0	−.8	−1.2
New Hampshire	34,114	27,996	+6,118	+3,107	+3,011	6.9	5.7	+1.2	+1.3	+1.2
Vermont	18,965	24,696	−5,731	−2,291	−3,440	5.3	6.9	−1.6	−1.3	−1.9
Massachusetts	110,139	142,381	−32,242	−18,902	−13,340	2.6	3.3	−.7	−.9	−.6
Rhode Island	29,056	28,645	+411	+1,109	−698	4.1	4.0	+.1	+.3	−.2
Connecticut	88,005	63,120	+24,885	+12,646	+12,239	5.1	3.7	+1.5	+1.5	+1.4
Middle Atlantic	760,658	892,100	−131,442	−84,079	−47,363	2.8	3.2	−.5	−.6	−.3
New York	360,398	417,548	−57,150	−42,793	−14,357	2.7	3.1	−.4	−.6	−.2
New Jersey	193,108	163,727	+29,381	+13,673	+15,708	4.6	3.9	+.7	+.7	+.8
Pennsylvania	207,152	310,825	−103,673	−54,959	−48,714	2.1	3.1	−1.0	−1.1	−1.0
East North Central	1,067,473	1,025,767	+41,706	+15,768	+25,938	4.0	3.9	+.2	+.1	+.2
Ohio	242,183	251,934	−9,751	−7,625	−2,126	3.5	3.6	−.1	−.2	−.1
Indiana	171,035	144,753	+26,282	+14,319	+11,963	5.0	4.2	+.8	+.8	+.7
Illinois	333,032	352,087	−19,055	−11,860	−7,195	4.2	4.5	−.2	−.3	−.2
Michigan	231,571	155,565	+76,006	+37,430	+38,576	4.4	3.0	+1.4	+1.4	+1.5
Wisconsin	89,652	121,428	−31,776	−16,496	−15,280	2.9	3.9	−1.0	−1.0	−1.0
West North Central	628,164	1,137,871	−509,707	−260,157	−249,550	4.6	8.4	−3.8	−3.8	−3.7
Minnesota	116,481	134,425	−17,944	−8,671	−9,273	4.2	4.8	−.6	−.6	−.7
Iowa	105,817	166,700	−60,883	−30,186	−30,697	4.2	6.6	−2.4	−2.4	−2.4
Missouri	197,888	283,377	−85,489	−46,282	−39,207	5.2	7.5	−2.3	−2.5	−2.1
North Dakota	20,218	86,699	−66,481	−33,195	−33,286	3.1	13.5	−10.4	−9.9	−10.9
South Dakota	27,702	88,914	−61,212	−31,360	−29,852	4.3	13.8	−9.5	−9.4	−9.6
Nebraska	58,605	165,253	−106,648	−55,054	−51,594	4.5	12.6	−8.1	−8.3	−7.9
Kansas	101,453	212,503	−111,050	−55,409	−55,641	5.6	11.8	−6.2	−6.1	−6.2
South Atlantic	1,065,953	872,438	+193,515	+114,628	+78,887	6.0	4.9	+1.1	+1.3	+.9
Delaware	23,451	13,126	+10,325	+5,809	+4,516	8.8	4.9	+3.9	+4.3	+3.4
Maryland	136,982	75,664	+61,318	+34,190	+27,128	7.5	4.2	+3.4	+3.7	+3.0
Dist. of Columbia	121,206	98,719	+22,487	+9,318	+13,169	18.3	14.9	+3.4	+2.9	+3.8
Virginia	171,398	127,448	+43,950	+30,531	+13,419	6.4	4.8	+1.6	+2.3	+1.0
West Virginia	68,714	95,956	−27,242	−14,446	−12,796	3.6	5.0	−1.4	−1.5	−1.4
North Carolina	105,191	120,131	−14,940	−6,325	−8,615	2.9	3.4	−.4	−.4	−.5
South Carolina	65,616	81,603	−15,987	−4,996	−10,991	3.5	4.3	−.8	−.5	−1.1
Georgia	125,134	158,379	−33,245	−11,993	−21,252	4.0	5.1	−1.1	−.8	−1.3
Florida	248,261	101,412	+146,849	+72,540	+74,309	13.1	5.3	+7.7	+7.7	+7.8
East South Central	356,828	551,799	−194,971	−98,503	−96,468	3.3	5.1	−1.8	−1.8	−1.8
Kentucky	93,922	148,735	−54,813	−25,935	−28,878	3.3	5.2	−1.9	−1.8	−2.0
Tennessee	122,700	161,450	−38,750	−21,936	−16,814	4.2	5.5	−1.3	−1.5	−1.1
Alabama	74,362	147,340	−72,978	−37,190	−35,788	2.6	5.2	−2.6	−2.7	−2.5
Mississippi	65,844	94,274	−28,430	−13,442	−14,988	3.0	4.3	−1.3	−1.2	−1.4
West South Central	588,916	859,771	−270,855	−139,563	−131,292	4.5	6.6	−2.1	−2.1	−2.0
Arkansas	103,672	179,135	−75,463	−35,894	−39,569	5.3	9.2	−3.9	−3.7	−4.1
Louisiana	97,186	88,548	+8,638	+5,075	+3,563	4.1	3.7	+.4	+.4	+.3
Oklahoma	125,024	308,923	−183,899	−96,653	−87,246	5.4	13.2	−7.9	−8.2	−7.6
Texas	263,034	283,165	−20,131	−12,091	−8,040	4.1	4.4	−.3	−.4	−.3
Mountain	496,404	432,126	+64,278	+34,899	+29,379	12.0	10.4	+1.5	+1.6	+1.5
Montana	45,763	56,892	−11,129	−5,156	−5,973	8.2	10.2	−2.0	−1.7	−2.3
Idaho	73,784	57,408	+16,376	+9,347	+7,029	14.1	10.9	+3.1	+3.4	+2.8
Wyoming	38,599	35,858	+2,741	+2,314	+427	15.4	14.3	+1.1	+1.7	+.4
Colorado	119,518	110,406	+9,112	+4,187	+4,925	10.6	9.8	+.8	+.7	+.9
New Mexico	68,688	54,903	+13,785	+6,674	+7,111	12.9	10.3	+2.6	+2.5	+2.7
Arizona	92,425	54,654	+37,771	+19,249	+18,522	18.5	10.9	+7.6	+7.5	+7.7
Utah	30,826	43,218	−12,392	−6,216	−6,176	5.6	7.9	−2.3	−2.2	−2.3
Nevada	26,801	18,787	+8,014	+4,500	+3,514	24.3	17.0	+7.3	+7.3	+7.2
Pacific	1,223,857	401,195	+822,662	+424,763	+397,899	12.6	4.1	+8.5	+8.5	+8.4
Washington	187,212	106,861	+80,351	+46,777	+33,574	10.8	6.2	+4.6	+5.2	+4.0
Oregon	159,816	82,371	+77,445	+41,425	+36,020	14.7	7.6	+7.1	+7.4	+6.8
California	876,829	211,963	+664,866	+336,561	+328,305	12.7	3.1	+9.6	+9.6	+9.7

[1] Percent based on total male population. [2] Percent based on total female population.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Internal Migration, 1935 to 1940—Color and Sex of Migrants.

No. 53.—Native Population, by State of Birth and by State of Residence: 1940

[Excludes small number of native persons born outside continental United States and persons for whom State of birth not reported. For related historical data, see *Historical Statistics*, series B 182-230]

State	Born in specified State [1]			Born in and living in specified State [1]	Living in specified State		
	Total	Living in other States			Total	Born in other States [1]	
		Number	Percent			Number	Percent
United States	**119,515,740**	**26,905,986**	**22.5**	**92,609,754**	**119,515,740**	**26,905,986**	**22.5**
New England:							
Maine	880,216	199,348	22.6	680,868	757,475	76,607	10.1
New Hampshire	444,171	140,691	31.7	303,480	420,073	116,593	27.8
Vermont	415,221	150,287	36.2	264,934	324,477	59,543	18.4
Massachusetts	3,569,556	618,000	17.3	2,951,556	3,438,211	486,655	14.2
Rhode Island	570,412	120,907	21.2	449,505	572,052	122,547	21.4
Connecticut	1,284,480	251,031	19.5	1,033,449	1,371,501	338,052	24.6
Middle Atlantic:							
New York	10,258,418	1,477,192	14.4	8,781,226	10,424,237	1,643,011	15.8
New Jersey	2,874,093	481,538	16.8	2,392,555	3,442,039	1,049,484	30.5
Pennsylvania	9,760,527	1,796,884	18.4	7,963,643	8,904,568	940,925	10.6
East North Central:							
Ohio	6,148,889	1,127,977	18.3	5,020,912	6,368,964	1,348,052	21.2
Indiana	3,458,564	861,055	24.9	2,597,509	3,309,947	712,438	21.5
Illinois	6,991,297	1,658,089	23.7	5,333,208	6,903,476	1,570,268	22.7
Michigan	3,986,807	604,365	15.2	3,382,442	4,552,287	1,169,845	25.7
Wisconsin	3,139,983	685,698	21.8	2,454,285	2,842,420	388,135	13.7
West North Central:							
Minnesota	2,587,104	634,933	24.5	1,952,171	2,486,655	534,484	21.5
Iowa	3,044,997	1,083,669	35.6	1,961,328	2,413,120	451,792	18.7
Missouri	4,154,126	1,382,026	33.3	2,772,100	3,660,153	888,053	24.3
North Dakota	682,795	258,306	37.8	424,489	565,092	140,603	24.9
South Dakota	683,049	268,483	39.3	414,566	597,000	182,434	30.6
Nebraska	1,496,036	575,172	38.4	920,864	1,231,181	310,317	25.2
Kansas	2,057,307	857,035	41.7	1,200,272	1,745,069	544,797	31.2
South Atlantic:							
Delaware	237,358	66,139	27.9	171,219	250,825	79,606	31.7
Maryland	1,627,716	332,346	20.4	1,295,370	1,730,175	434,805	25.1
Dist. of Columbia	347,601	127,536	36.7	220,065	622,698	402,633	64.7
Virginia	3,021,138	808,933	26.8	2,212,205	2,648,297	436,092	16.5
West Virginia	1,952,875	427,373	21.9	1,525,502	1,856,613	331,111	17.8
North Carolina	3,823,537	611,096	16.0	3,212,441	3,556,035	343,594	9.7
South Carolina	2,266,030	538,762	23.8	1,727,268	1,892,646	165,378	8.7
Georgia	3,698,183	924,883	25.0	2,773,300	3,106,477	333,177	10.7
Florida	1,112,093	172,214	15.5	939,879	1,809,430	869,551	48.1
East South Central:							
Kentucky	3,479,789	946,669	27.2	2,533,120	2,825,782	292,662	10.4
Tennessee	3,289,749	847,723	25.8	2,442,026	2,899,062	457,036	15.8
Alabama	3,305,311	753,986	22.8	2,551,325	2,817,227	265,902	9.4
Mississippi	2,618,246	641,110	24.5	1,977,136	2,174,349	197,213	9.1
West South Central:							
Arkansas	2,286,874	780,748	34.1	1,506,126	1,938,441	432,315	22.3
Louisiana	2,435,189	404,393	16.6	2,030,796	2,332,116	301,320	12.9
Oklahoma	2,049,185	690,207	33.7	1,358,978	2,307,838	948,860	41.1
Texas	5,929,746	893,196	15.1	5,036,550	6,166,438	1,129,888	18.3
Mountain:							
Montana	422,312	153,639	36.4	268,673	500,144	231,471	46.3
Idaho	388,342	143,475	36.9	244,867	496,838	251,971	50.7
Wyoming	167,123	72,658	43.5	94,465	232,754	138,289	59.4
Colorado	824,373	299,956	36.4	524,417	1,046,758	522,341	49.9
New Mexico	445,596	123,460	27.7	322,136	514,531	192,395	37.4
Arizona	312,242	92,974	29.8	219,268	457,506	238,298	52.1
Utah	606,716	173,238	28.6	433,478	515,029	81,551	15.8
Nevada	66,912	31,650	47.3	35,262	98,057	62,795	64.0
Pacific:							
Washington	937,059	220,911	23.6	716,148	1,506,469	790,321	52.5
Oregon	630,596	177,395	28.1	453,201	991,809	538,608	54.3
California	2,745,801	216,630	7.9	2,529,171	5,891,339	3,362,168	57.1

[1] Revised.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, State of Birth of the Native Population and records.

No. 54.—Marital Status of the Population 15 Years Old and Over, by Sex, by States: 1940

Division and State	Males 15 years old and over								
	Number					Percent of total			
	Total	Single	Married	Widowed	Divorced	Single	Married	Widowed	Divorced
United States	49,335,632	16,376,595	30,191,087	2,143,552	624,398	33.2	61.2	4.3	1.3
New England	3,193,553	1,149,238	1,858,773	153,315	32,227	36.0	58.2	4.8	1.0
Maine	313,603	102,525	188,551	17,290	5,237	32.7	60.1	5.5	1.7
New Hampshire	186,412	61,971	110,835	10,579	3,027	33.2	59.5	5.7	1.6
Vermont	135,045	46,734	78,948	7,447	1,916	34.6	58.5	5.5	1.4
Massachusetts	1,624,278	598,247	934,173	77,181	14,677	36.8	57.5	4.8	.9
Rhode Island	269,190	98,973	155,316	12,281	2,620	36.8	57.7	4.6	1.0
Connecticut	665,025	240,788	390,950	28,537	4,750	36.2	58.8	4.3	.7
Middle Atlantic	10,638,599	3,755,166	6,347,453	471,015	64,965	35.3	59.7	4.4	.6
New York	5,277,306	1,861,537	3,157,750	226,595	31,424	35.3	59.8	4.3	.6
New Jersey	1,624,820	562,640	981,976	70,657	9,547	34.6	60.4	4.3	.6
Pennsylvania	3,736,473	1,330,989	2,207,727	173,763	23,994	35.6	59.1	4.7	.6
East North Central	10,281,948	3,307,200	6,354,722	464,857	155,169	32.2	61.8	4.5	1.5
Ohio	2,659,247	832,054	1,662,583	122,948	41,662	31.3	62.5	4.6	1.6
Indiana	1,307,347	385,364	837,496	63,246	21,241	29.5	64.1	4.8	1.6
Illinois	3,088,863	1,013,928	1,892,349	139,070	43,516	32.8	61.3	4.5	1.4
Michigan	2,025,279	652,094	1,254,575	85,063	33,547	32.2	61.9	4.2	1.7
Wisconsin	1,201,212	423,760	707,719	54,530	15,203	35.3	58.9	4.5	1.3
West North Central	5,129,974	1,711,003	3,120,219	230,170	68,582	33.4	60.8	4.5	1.3
Minnesota	1,075,476	408,015	610,648	45,242	11,571	37.9	56.8	4.2	1.1
Iowa	962,812	309,801	596,167	43,472	13,372	32.2	61.9	4.5	1.4
Missouri	1,431,622	429,984	910,812	68,918	21,908	30.0	63.6	4.8	1.5
North Dakota	238,915	98,930	128,974	9,218	1,793	41.4	54.0	3.9	.8
South Dakota	242,057	90,923	138,578	10,017	2,539	37.6	57.3	4.1	1.0
Nebraska	496,611	163,643	304,686	21,804	6,478	33.0	61.4	4.4	1.3
Kansas	682,481	209,707	430,354	31,499	10,921	30.7	63.1	4.6	1.6
South Atlantic	6,239,779	2,089,041	3,853,607	243,154	53,977	33.5	61.8	3.9	.9
Delaware	103,524	34,979	62,504	5,141	900	33.8	60.4	5.0	.9
Maryland	695,499	239,221	419,021	30,552	6,705	34.4	60.2	4.4	1.0
District of Columbia	258,276	90,495	154,108	9,636	4,037	35.0	59.7	3.7	1.6
Virginia	960,930	341,510	573,724	37,348	8,348	35.5	59.7	3.9	.9
West Virginia	667,247	226,188	409,892	24,814	6,353	33.9	61.4	3.7	1.0
North Carolina	1,186,601	408,975	731,906	39,354	6,366	34.5	61.7	3.3	.5
South Carolina	612,446	210,968	378,717	20,913	1,848	34.4	61.8	3.4	.3
Georgia	1,052,001	330,589	671,341	41,895	8,176	31.4	63.8	4.0	.8
Florida	703,255	206,116	452,394	33,501	11,244	29.3	64.3	4.8	1.6
East South Central	3,672,506	1,135,268	2,349,817	152,333	35,088	30.9	64.0	4.1	1.0
Kentucky	996,866	316,292	626,343	42,709	11,522	31.7	62.8	4.3	1.2
Tennessee	1,012,181	310,391	648,394	42,492	10,904	30.7	64.1	4.2	1.1
Alabama	937,833	291,246	603,014	36,637	6,936	31.1	64.3	3.9	.7
Mississippi	725,626	217,339	472,066	30,495	5,726	30.0	65.1	4.2	.8
West South Central	4,643,648	1,404,968	2,974,404	198,003	66,273	30.3	64.1	4.3	1.4
Arkansas	677,721	199,300	438,087	32,280	8,054	29.4	64.6	4.8	1.2
Louisiana	818,359	259,400	518,257	33,893	6,809	31.7	63.3	4.1	.8
Oklahoma	834,945	246,312	536,897	36,548	15,188	29.5	64.3	4.4	1.8
Texas	2,312,623	699,956	1,481,163	95,282	36,222	30.3	64.0	4.1	1.6
Mountain	1,550,504	521,749	933,011	64,801	30,943	33.7	60.2	4.2	2.0
Montana	226,824	86,219	125,964	9,734	4,907	38.0	55.5	4.3	2.2
Idaho	200,215	67,778	120,777	7,676	3,984	33.9	60.3	3.8	2.0
Wyoming	101,156	36,944	58,360	3,698	2,154	36.5	57.7	3.7	2.1
Colorado	423,169	132,778	261,748	20,096	8,547	31.4	61.9	4.7	2.0
New Mexico	179,468	58,365	110,562	8,098	2,443	32.5	61.6	4.5	1.4
Arizona	180,378	59,602	108,813	7,817	4,146	33.0	60.3	4.3	2.3
Utah	190,544	62,174	119,795	5,826	2,749	32.6	62.9	3.1	1.4
Nevada	48,750	17,889	26,992	1,856	2,013	36.7	55.4	3.8	4.1
Pacific	3,985,121	1,302,962	2,399,081	165,904	117,174	32.7	60.2	4.2	2.9
Washington	719,362	244,035	424,749	31,920	18,658	33.9	59.0	4.4	2.6
Oregon	444,861	139,949	272,700	19,708	12,504	31.5	61.3	4.4	2.8
California	2,820,898	918,978	1,701,632	114,276	86,012	32.6	60.3	4.1	3.0

No. 54.—Marital Status of the Population 15 Years Old and Over, by Sex, by States: 1940—Continued

Division and State	Females 15 years old and over								
	Number					Percent of total			
	Total	Single	Married	Widowed	Divorced	Single	Married	Widowed	Divorced
United States	**49,361,562**	**12,751,772**	**30,087,135**	**5,700,092**	**822,563**	**25.8**	**61.0**	**11.5**	**1.7**
New England	**3,354,071**	**1,071,146**	**1,855,026**	**383,287**	**44,612**	**31.9**	**55.3**	**11.4**	**1.3**
Maine	312,316	80,590	187,838	37,650	6,238	25.8	60.1	12.1	2.0
New Hampshire	190,215	53,017	110,555	23,217	3,426	27.9	58.1	12.2	1.8
Vermont	131,657	34,267	78,403	16,958	2,029	26.0	59.6	12.9	1.5
Massachusetts	1,752,017	594,478	933,261	202,340	21,938	33.9	53.3	11.5	1.3
Rhode Island	286,356	94,789	155,763	31,552	4,252	33.1	54.4	11.0	1.5
Connecticut	681,510	214,005	389,206	71,570	6,729	31.4	57.1	10.5	1.0
Middle Atlantic	**10,853,244**	**3,197,148**	**6,331,204**	**1,226,245**	**98,647**	**29.5**	**58.3**	**11.3**	**.9**
New York	5,424,540	1,598,119	3,149,635	625,031	51,755	29.5	58.1	11.5	1.0
New Jersey	1,660,583	479,217	979,936	186,602	14,828	28.9	59.0	11.2	.9
Pennsylvania	3,768,121	1,119,812	2,201,633	414,612	32,064	29.7	58.4	11.0	.9
East North Central	**10,138,597**	**2,535,379**	**6,304,138**	**1,108,790**	**190,290**	**25.0**	**62.2**	**10.9**	**1.9**
Ohio	2,669,505	670,983	1,647,217	297,646	53,659	25.1	61.7	11.1	2.0
Indiana	1,297,901	290,237	831,880	149,656	26,128	22.4	64.1	11.5	2.0
Illinois	3,100,377	803,776	1,884,288	355,305	57,008	25.9	60.8	11.5	1.8
Michigan	1,916,671	453,648	1,238,505	188,627	35,891	23.7	64.6	9.8	1.9
Wisconsin	1,154,143	316,735	702,248	117,556	17,604	27.4	60.8	10.2	1.5
West North Central	**5,048,357**	**1,294,950**	**3,107,868**	**560,295**	**85,244**	**25.7**	**61.6**	**11.1**	**1.7**
Minnesota	1,027,673	303,569	606,429	102,954	14,721	29.5	59.0	10.0	1.4
Iowa	951,606	238,801	593,452	103,351	16,002	25.1	62.4	10.9	1.7
Missouri	1,467,399	341,598	910,728	185,077	29,996	23.3	62.1	12.6	2.0
North Dakota	212,430	64,338	128,291	17,813	1,988	30.3	60.4	8.4	.9
South Dakota	222,475	61,205	137,808	20,752	2,710	27.5	61.9	9.3	1.2
Nebraska	487,692	125,067	303,781	51,187	7,657	25.6	62.3	10.5	1.6
Kansas	679,082	160,372	427,379	79,161	12,170	23.6	62.9	11.7	1.8
South Atlantic	**6,375,018**	**1,647,857**	**3,869,399**	**774,271**	**83,491**	**25.8**	**60.7**	**12.1**	**1.3**
Delaware	102,469	26,865	62,332	12,120	1,152	26.2	60.8	11.8	1.1
Maryland	691,898	182,883	418,094	81,796	9,125	26.4	60.4	11.8	1.3
District of Columbia	286,630	85,052	155,834	38,468	7,276	29.7	54.4	13.4	2.5
Virginia	950,011	254,055	572,299	111,782	11,875	26.7	60.2	11.8	1.2
West Virginia	640,369	164,932	406,304	60,687	8,446	25.8	63.4	9.5	1.3
North Carolina	1,223,803	343,946	737,836	130,957	11,064	28.1	60.3	10.7	.9
South Carolina	646,673	177,937	384,446	80,995	3,295	27.5	59.4	12.5	.5
Georgia	1,114,535	266,822	679,028	154,322	14,363	23.9	60.9	13.8	1.3
Florida	718,630	145,365	453,226	103,144	16,895	20.2	63.1	14.4	2.4
East South Central	**3,756,978**	**883,981**	**2,356,830**	**461,502**	**54,665**	**23.5**	**62.7**	**12.3**	**1.5**
Kentucky	984,712	237,071	621,185	111,637	14,819	24.1	63.1	11.3	1.5
Tennessee	1,047,657	249,825	650,230	130,028	17,574	23.8	62.1	12.4	1.7
Alabama	978,970	232,468	609,036	124,988	12,478	23.7	62.2	12.8	1.3
Mississippi	745,639	164,617	476,379	94,849	9,794	22.1	63.9	12.7	1.3
West South Central	**4,634,873**	**1,010,686**	**2,973,492**	**554,922**	**95,773**	**21.8**	**64.2**	**12.0**	**2.1**
Arkansas	667,551	137,052	437,562	81,981	10,956	20.5	65.5	12.3	1.6
Louisiana	843,082	199,905	525,295	106,649	11,233	23.7	62.3	12.6	1.3
Oklahoma	818,606	171,037	533,799	93,473	20,297	20.9	65.2	11.4	2.5
Texas	2,305,634	502,692	1,476,836	272,819	53,287	21.8	64.1	11.8	2.3
Mountain	**1,417,411**	**316,795**	**921,839**	**148,371**	**30,406**	**22.4**	**65.0**	**10.5**	**2.1**
Montana	190,737	44,251	123,692	19,013	3,781	23.2	64.8	10.0	2.0
Idaho	174,504	36,638	119,132	15,690	3,044	21.0	68.3	9.0	1.7
Wyoming	82,867	17,160	56,865	6,967	1,875	20.7	68.6	8.4	2.3
Colorado	412,144	92,675	260,043	49,661	9,765	22.5	63.1	12.0	2.4
New Mexico	168,758	39,559	109,765	16,450	2,984	23.4	65.0	9.7	1.8
Arizona	164,949	34,974	107,277	18,600	4,098	21.2	65.0	11.3	2.5
Utah	186,801	45,330	119,555	18,368	3,548	24.3	64.0	9.8	1.9
Nevada	36,651	6,208	25,510	3,622	1,311	16.9	69.6	9.9	3.6
Pacific	**3,783,013**	**793,830**	**2,367,339**	**482,409**	**139,435**	**21.0**	**62.6**	**12.8**	**3.7**
Washington	650,307	138,440	418,969	74,409	18,489	21.3	64.4	11.4	2.8
Oregon	413,518	85,121	269,369	47,160	11,868	20.6	65.1	11.4	2.9
California	2,719,188	570,269	1,679,001	360,840	109,078	21.0	61.7	13.3	4.0

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. IV, Part 1.

No. 55.—Households, Urban and Rural, by Color of Head, with Population Per Household, 1940, and Number of Households, 1930, by States

[1940 statistics based on Sample F; see p. 1. For definition of households, see p. 2]

Division and state	Households, 1930	Households, 1940							
		Total	Color of head			Residence			
			White	Nonwhite		Urban	Rural-nonfarm	Rural-farm	Population per household [1]
				Number	Percent				
United States	**29,904,663**	**35,088,840**	**31,794,900**	**3,293,940**	**9.4**	**20,735,200**	**7,211,120**	**7,142,520**	**3.8**
New England	**1,981,499**	**2,221,580**	**2,194,360**	**27,220**	**1.2**	**1,683,480**	**404,840**	**133,260**	**3.8**
Maine	197,826	222,080	221,180	900	.4	88,480	91,700	41,900	3.8
N. Hampshire	119,337	135,960	135,900	60	[2]	76,960	43,020	15,980	3.6
Vermont	89,188	91,880	91,760	120	.1	32,400	34,800	24,680	3.9
Massachusetts	1,021,160	1,125,840	1,111,520	14,320	1.3	1,006,340	95,620	23,880	3.8
Rhode Island	165,343	189,120	186,120	3,000	1.6	171,300	15,100	2,720	3.8
Connecticut	388,645	456,700	447,880	8,820	1.9	308,000	124,600	24,100	3.7
Middle Atlantic	**6,374,380**	**7,325,100**	**7,006,420**	**318,680**	**4.4**	**5,702,460**	**1,195,380**	**427,260**	**3.8**
New York	3,153,124	3,685,380	3,538,260	147,120	4.0	3,075,420	425,040	184,920	3.7
New Jersey	985,636	1,110,580	1,054,880	55,700	5.0	906,000	170,620	33,960	3.7
Pennsylvania	2,235,620	2,529,140	2,413,280	115,860	4.6	1,721,040	599,720	208,380	3.9
E. N. Central	**6,362,823**	**7,317,040**	**7,041,400**	**275,640**	**3.8**	**4,875,000**	**1,280,260**	**1,161,780**	**3.6**
Ohio	1,697,918	1,905,700	1,819,520	86,180	4.5	1,297,240	338,300	270,160	3.6
Indiana	843,066	962,340	929,620	32,720	3.4	542,500	203,880	215,960	3.6
Illinois	1,929,396	2,216,580	2,113,040	103,540	4.7	1,648,620	316,940	251,020	3.6
Michigan	1,180,554	1,405,480	1,357,620	47,860	3.4	927,020	255,000	223,460	3.7
Wisconsin	711,889	826,940	821,600	5,340	.6	459,620	166,140	201,180	3.8
W. N. Central	**3,317,881**	**3,706,440**	**3,596,960**	**109,480**	**3.0**	**1,732,720**	**814,080**	**1,159,640**	**3.6**
Minnesota	606,496	735,980	730,360	5,620	.8	387,780	136,220	211,980	3.8
Iowa	635,704	704,520	699,500	5,020	.7	316,420	158,980	229,120	3.6
Missouri	939,476	1,072,580	1,004,080	68,500	6.4	578,460	202,940	291,180	3.5
North Dakota	145,005	155,100	153,120	1,980	1.3	34,700	47,940	72,460	4.1
South Dakota	161,013	163,580	158,980	4,600	2.8	42,700	49,560	71,320	3.9
Nebraska	342,999	360,180	355,400	4,780	1.3	144,620	90,940	124,620	3.7
Kansas	487,188	514,500	495,520	18,980	3.7	228,040	127,500	158,960	3.5
South Atlantic	**3,511,860**	**4,318,100**	**3,224,840**	**1,093,260**	**25.3**	**1,854,260**	**1,189,300**	**1,274,540**	**4.1**
Delaware	59,092	72,420	63,300	9,120	12.6	38,420	22,760	11,240	3.7
Maryland	385,179	471,600	401,320	70,280	14.9	290,120	127,380	54,100	3.9
Dist. of Col	125,554	170,640	131,000	39,640	23.2	170,640			3.9
Virginia	529,089	632,100	484,360	147,740	23.4	244,940	176,380	210,780	4.2
W. Virginia	373,941	440,200	412,860	27,340	6.2	138,400	192,480	109,320	4.3
N. Carolina	644,033	794,860	585,400	209,460	26.4	243,900	215,980	334,980	4.5
S. Carolina	365,680	437,680	254,320	183,360	41.9	126,760	129,000	181,920	4.3
Georgia	652,793	765,280	498,100	267,180	34.9	297,200	171,620	296,460	4.1
Florida	376,499	533,320	394,180	139,140	26.1	303,880	153,700	75,740	3.6
E. S. Central	**2,273,359**	**2,629,700**	**1,933,220**	**696,480**	**26.5**	**867,020**	**589,680**	**1,173,000**	**4.1**
Kentucky	609,405	693,960	634,240	59,720	8.6	236,460	181,800	275,700	4.1
Tennessee	600,625	714,420	580,620	133,800	18.7	276,080	153,840	284,500	4.1
Alabama	591,625	677,720	447,300	230,420	34.0	229,980	158,860	288,880	4.2
Mississippi	471,704	543,600	271,060	272,540	50.1	124,500	95,180	323,920	4.0
W. S. Central	**2,868,262**	**3,405,220**	**2,759,120**	**646,100**	**19.0**	**1,449,160**	**760,520**	**1,195,540**	**3.8**
Arkansas	438,639	497,820	371,820	126,000	25.3	125,660	112,760	259,400	3.9
Louisiana	485,363	593,860	375,300	218,560	36.8	263,600	136,720	193,540	4.0
Oklahoma	564,164	615,320	560,360	54,960	8.9	252,840	141,640	220,840	3.8
Texas	1,380,096	1,698,220	1,451,640	246,580	14.5	807,060	369,400	521,760	3.8
Mountain	**914,408**	**1,129,000**	**1,088,980**	**40,020**	**3.5**	**513,740**	**344,280**	**270,980**	**3.7**
Montana	136,210	159,660	155,380	4,280	2.7	64,080	49,580	46,000	3.5
Idaho	108,044	145,120	143,740	1,380	1.0	52,520	41,560	51,040	3.6
Wyoming	56,887	69,220	67,960	1,260	1.8	26,880	23,340	19,000	3.6
Colorado	267,324	319,700	314,380	5,320	1.7	177,620	78,160	63,920	3.5
New Mexico	98,546	131,480	122,740	8,740	6.6	47,060	44,380	40,040	4.0
Arizona	105,992	130,860	114,860	16,000	12.2	48,980	55,100	26,780	3.8
Utah	115,936	139,440	138,000	1,440	1.0	83,960	35,480	20,000	3.9
Nevada	25,469	33,520	31,920	1,600	4.8	12,640	16,680	4,200	3.3
Pacific	**2,300,191**	**3,036,660**	**2,949,600**	**87,060**	**2.9**	**2,057,360**	**632,780**	**346,520**	**3.2**
Washington	423,833	542,420	532,680	9,740	1.8	306,160	141,360	94,900	3.2
Oregon	266,328	343,280	339,660	3,620	1.1	176,100	92,880	74,300	3.2
California	1,610,030	2,150,960	2,077,260	73,700	3.4	1,575,100	398,540	177,320	3.2

[1] Obtained by dividing total population by number of households; hence not strictly average size of household because about 2.5 per cent of total population are members of quasi households.
[2] Less than 0.1 percent.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Population, Vol. VI, and special report of Sixteenth Census, Families—General Characteristics.

No. 56.—Households by Number of Related Persons, by States: 1940

[Statistics based on Sample F; see p. 1. For definition of households and related persons, see p. 2]

Division and State	Households with specified number of related persons							Median number of related persons[1]
	1	2	3	4	5	6	7 or more	
United States	**3,546,720**	**9,008,680**	**7,700,860**	**6,153,620**	**3,733,340**	**2,168,200**	**2,777,420**	**3.15**
New England	**223,740**	**554,780**	**479,700**	**398,600**	**249,220**	**142,200**	**173,340**	**3.19**
Maine	26,260	55,960	46,760	34,720	23,540	13,860	20,980	3.12
New Hampshire	17,600	36,640	28,020	21,980	14,000	8,100	9,620	2.99
Vermont	10,680	23,420	20,140	14,780	9,340	5,620	7,900	3.09
Massachusetts	112,160	277,100	239,400	204,880	130,180	74,500	87,620	3.23
Rhode Island	18,080	47,600	41,020	35,140	20,640	11,540	15,100	3.20
Connecticut	38,960	114,060	104,360	87,100	51,520	28,580	32,120	3.22
Middle Atlantic	**699,820**	**1,826,680**	**1,650,920**	**1,379,060**	**815,920**	**446,280**	**506,420**	**3.19**
New York	392,380	962,300	838,400	699,020	395,640	197,300	199,440	3.08
New Jersey	87,360	277,320	256,500	216,680	127,680	71,300	73,740	3.24
Pennsylvania	220,080	587,060	556,020	462,460	292,600	177,680	233,240	3.32
East North Central	**697,260**	**1,979,640**	**1,664,440**	**1,328,200**	**766,460**	**420,700**	**460,340**	**3.09**
Ohio	178,720	519,180	437,720	341,460	196,660	109,080	122,880	3.08
Indiana	91,380	280,040	214,260	164,400	94,860	55,160	62,240	3.01
Illinois	226,580	609,100	511,940	410,520	226,860	115,500	116,080	3.03
Michigan	125,420	370,740	311,580	257,100	153,360	88,540	98,740	3.16
Wisconsin	75,160	200,580	188,940	154,720	94,720	52,420	60,400	3.23
West North Central	**386,020**	**1,004,840**	**824,680**	**635,420**	**384,840**	**216,940**	**253,700**	**3.06**
Minnesota	76,180	177,180	160,660	133,500	86,260	46,960	55,240	3.21
Iowa	70,260	197,460	156,620	123,120	74,020	40,180	42,860	3.04
Missouri	109,440	320,220	245,160	173,860	98,840	56,420	68,640	2.93
North Dakota	15,880	30,160	30,100	28,260	19,260	12,600	18,840	3.55
South Dakota	18,180	39,020	34,200	27,640	18,180	11,880	14,480	3.22
Nebraska	38,300	94,880	80,080	64,680	38,300	21,660	22,280	3.09
Kansas	57,780	145,920	117,860	84,360	49,980	27,240	31,360	2.95
South Atlantic	**368,480**	**983,400**	**886,740**	**726,200**	**496,040**	**327,220**	**530,020**	**3.41**
Delaware	7,660	19,160	16,840	12,560	6,920	4,600	4,680	3.06
Maryland	44,360	119,900	103,620	81,440	51,380	30,080	40,820	3.19
Dist. of Columbia	28,880	50,560	35,520	25,700	13,380	7,460	9,140	2.67
Virginia	51,280	138,740	131,560	105,800	71,980	49,900	82,840	3.46
West Virginia	31,700	89,560	86,920	77,180	56,760	39,120	58,960	3.65
North Carolina	43,280	150,340	159,120	138,340	103,660	71,740	128,380	3.82
South Carolina	32,080	86,500	86,480	72,440	54,080	35,920	70,180	3.69
Georgia	56,920	176,460	156,900	130,240	88,720	58,420	97,620	3.45
Florida	72,320	152,180	109,780	82,500	49,160	29,980	37,400	2.88
East South Central	**190,540**	**606,680**	**542,620**	**441,420**	**303,980**	**208,800**	**335,660**	**3.45**
Kentucky	49,400	161,300	144,800	115,400	81,380	54,780	86,900	3.44
Tennessee	49,460	169,520	150,980	120,920	84,520	55,720	83,300	3.42
Alabama	47,120	146,500	136,480	118,480	77,760	58,060	93,320	3.57
Mississippi	44,560	129,360	110,360	86,620	60,320	40,240	72,140	3.39
West South Central	**301,620**	**843,440**	**750,560**	**585,000**	**371,320**	**227,660**	**325,620**	**3.24**
Arkansas	38,280	119,920	106,320	85,800	56,860	36,620	54,020	3.35
Louisiana	56,100	138,500	125,040	99,000	65,300	42,420	67,500	3.32
Oklahoma	55,780	152,280	134,540	105,600	70,720	42,920	53,480	3.24
Texas	151,460	432,740	384,660	294,600	178,440	105,700	150,620	3.19
Mountain	**153,280**	**273,760**	**231,020**	**195,200**	**116,460**	**68,560**	**90,720**	**3.10**
Montana	29,240	39,460	31,920	26,520	15,280	7,900	9,340	2.85
Idaho	17,960	33,660	30,420	26,140	15,880	9,420	11,640	3.19
Wyoming	10,860	17,240	14,740	12,740	6,040	3,640	3,960	2.94
Colorado	43,240	87,440	68,740	54,060	29,880	16,720	19,620	2.92
New Mexico	13,240	27,260	26,740	21,520	14,600	10,080	18,040	3.44
Arizona	18,500	31,300	25,260	20,380	13,900	8,180	13,340	3.12
Utah	12,120	28,180	26,760	29,060	18,740	11,220	13,360	3.59
Nevada	8,120	9,220	6,440	4,780	2,140	1,400	1,420	2.44
Pacific	**525,960**	**935,460**	**670,180**	**464,520**	**229,100**	**109,840**	**101,600**	**2.58**
Washington	94,900	158,980	118,900	86,300	44,520	21,020	17,800	2.65
Oregon	53,840	103,820	75,440	56,080	28,580	13,100	12,420	2.69
California	377,220	672,660	475,840	322,140	156,000	75,720	71,380	2.55

[1] For definition of median, see headnote, table 14, p. 13.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Families—General Characteristics.

No. 57.—Households, by Number of Related Children Under 10 Years Old and Under 18 Years Old, by States: 1940

[Statistics based on Sample D; see p. 1. For definition of households, see p. 2]

Division and State	All households	Households with specified number of related children under 10 years old				Households with specified number of related children under 18 years old			
		None	1	2	3 or more	None	1	2	3 or more
United States	**35,087,440**	**23,128,800**	**6,361,620**	**3,351,900**	**2,245,120**	**17,164,680**	**7,467,960**	**5,082,520**	**5,372,280**
N. England	**2,224,900**	**1,526,680**	**386,460**	**198,380**	**113,380**	**1,144,220**	**453,520**	**315,560**	**311,600**
Maine	222,180	145,100	38,620	22,360	16,100	111,080	43,980	29,540	37,580
N. Hampshire	135,960	94,400	22,500	11,620	7,440	73,060	26,480	17,360	19,060
Vermont	91,900	60,820	15,340	8,420	7,320	46,960	18,160	11,200	15,580
Massachusetts	1,128,760	781,040	192,620	99,520	55,580	584,140	226,720	161,000	156,900
Rhode Island	189,180	131,160	32,800	16,800	8,420	97,460	38,540	28,000	25,180
Connecticut	456,920	314,160	84,580	39,660	18,520	231,520	99,640	68,460	57,300
Mid. Atlantic	**7,318,500**	**5,047,060**	**1,332,180**	**625,540**	**313,720**	**3,717,100**	**1,619,300**	**1,079,180**	**902,920**
New York	3,689,260	2,608,960	655,680	296,340	128,280	1,956,360	807,980	538,540	386,380
New Jersey	1,111,400	775,820	206,140	89,600	39,840	564,320	256,180	164,320	126,580
Pennsylvania	2,517,840	1,662,280	470,360	239,600	145,600	1,196,420	555,140	376,320	389,960
E. N. Central	**7,318,900**	**4,966,320**	**1,314,120**	**664,500**	**373,960**	**3,724,720**	**1,578,860**	**1,051,760**	**963,560**
Ohio	1,906,620	1,308,620	339,220	165,180	93,600	976,120	417,000	269,680	243,820
Indiana	961,540	654,700	165,640	86,500	54,700	500,060	194,180	132,620	134,680
Illinois	2,216,840	1,546,020	393,800	186,000	91,020	1,173,240	485,700	314,060	243,840
Michigan	1,407,700	917,820	261,080	144,300	84,500	676,040	305,160	212,620	213,880
Wisconsin	826,200	539,160	154,380	82,520	50,140	399,260	176,820	122,780	127,340
W. N. Central	**3,706,660**	**2,490,860**	**637,760**	**348,500**	**229,540**	**1,889,140**	**748,240**	**515,340**	**553,940**
Minnesota	735,380	481,520	129,760	74,280	49,820	360,620	148,800	108,760	117,200
Iowa	705,280	474,800	121,940	68,360	40,180	361,240	143,700	99,800	100,540
Missouri	1,071,980	745,320	177,800	89,400	59,460	577,620	216,360	135,700	142,300
N. Dakota	155,080	90,680	29,220	18,700	16,480	64,560	30,320	24,640	35,560
S. Dakota	163,900	104,140	29,740	17,100	12,920	76,020	33,600	23,580	30,700
Nebraska	360,380	242,020	63,000	34,100	21,260	180,080	72,980	53,180	54,140
Kansas	514,660	352,380	86,300	46,560	29,420	269,000	102,480	69,680	73,500
South Atlantic	**4,316,660**	**2,565,880**	**837,320**	**474,700**	**438,760**	**1,814,880**	**921,200**	**656,020**	**924,560**
Delaware	72,560	49,320	13,500	5,940	3,800	37,740	15,980	9,660	9,180
Maryland	472,340	312,380	86,820	43,760	29,380	232,800	101,080	68,660	69,800
Dist. of Col.	170,820	127,060	26,200	11,000	6,560	101,720	34,280	19,280	15,540
Virginia	632,040	378,600	118,820	68,600	66,020	267,640	135,180	91,420	137,800
W. Virginia	440,700	249,040	87,500	52,520	51,640	169,980	92,180	70,240	108,300
N. Carolina	793,760	418,940	169,180	101,420	104,220	270,280	174,840	133,500	215,140
S. Carolina	437,860	230,120	93,040	54,340	60,360	151,400	97,480	70,020	118,960
Georgia	765,160	440,760	151,180	88,500	84,720	309,460	162,720	120,260	172,720
Florida	531,420	359,660	91,080	48,620	32,060	273,860	107,460	72,980	77,120
E. S. Central	**2,628,600**	**1,512,320**	**513,720**	**311,620**	**290,940**	**1,067,400**	**557,360**	**401,700**	**602,140**
Kentucky	692,380	406,100	131,260	80,040	74,980	291,220	144,240	101,700	155,220
Tennessee	714,240	422,920	140,200	83,040	68,080	300,700	154,340	109,000	150,200
Alabama	677,360	372,000	136,960	85,940	82,460	255,040	145,300	110,180	166,840
Mississippi	544,620	311,300	105,300	62,600	65,420	220,440	113,480	80,820	129,880
W. S. Central	**3,404,160**	**2,065,820**	**667,160**	**378,800**	**292,380**	**1,474,860**	**763,200**	**518,240**	**647,860**
Arkansas	497,960	286,820	100,300	60,340	50,500	202,300	108,980	77,400	109,280
Louisiana	593,720	355,260	114,040	65,760	58,660	251,340	133,680	87,180	121,520
Oklahoma	615,080	373,040	120,840	69,160	52,040	265,680	136,500	94,440	118,460
Texas	1,697,400	1,050,700	331,980	183,540	131,180	755,540	384,040	259,220	298,600
Mountain	**1,129,580**	**700,540**	**209,400**	**129,320**	**90,320**	**526,940**	**228,060**	**174,720**	**199,860**
Montana	159,720	108,260	25,700	15,700	10,060	85,440	28,660	22,780	22,840
Idaho	145,340	89,060	26,960	17,860	11,460	64,920	29,340	23,980	27,100
Wyoming	69,160	44,660	12,520	7,660	4,320	33,600	14,540	11,100	9,920
Colorado	320,040	211,540	57,300	31,140	20,060	162,580	66,420	45,780	45,260
New Mexico	131,540	69,400	27,400	17,060	17,680	49,220	28,080	20,680	33,560
Arizona	130,980	77,720	24,660	15,900	12,700	58,120	26,220	19,960	26,680
Utah	139,260	75,800	29,680	21,200	12,580	52,940	28,720	26,560	31,040
Nevada	33,540	24,100	5,180	2,800	1,460	20,120	6,080	3,880	3,460
Pacific	**3,039,480**	**2,253,320**	**463,500**	**220,540**	**102,120**	**1,805,420**	**598,220**	**370,000**	**265,840**
Washington	542,640	396,380	82,780	43,880	19,600	315,760	105,100	70,620	51,160
Oregon	343,600	248,820	53,940	28,600	12,240	196,220	67,340	46,480	33,560
California	2,153,240	1,608,120	326,780	148,060	70,280	1,293,440	425,780	252,900	181,120

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Families—General Characteristics.

No. 58.—Population—Summary for Alaska: 1920, 1929, and 1939

[For July 1 estimates of total population, 1920 to 1939, see table 7; see also *Historical Statistics*, series B 6]

Sex, race, nativity, and age	1920 (Jan. 1)	1929 (Oct. 1)	1939 (Oct. 1)
Total	55,036	59,278	72,524
Male	34,539	35,764	43,003
Female	20,497	23,514	29,521
Males per 100 females	168.5	152.1	145.7
White	27,883	28,640	39,170
Male	20,586	19,904	25,595
Female	7,297	8,736	13,575
Native	16,286	18,460	30,384
Foreign-born	11,597	10,180	8,786
Aleut	2,942	(1)	5,599
Male	(1)	(1)	2,968
Female	(1)	(1)	2,631
Native	(1)	(1)	5,597
Foreign-born	(1)	(1)	2
Eskimo	13,698	[2] 19,028	15,576
Male	(1)	[2] 9,771	8,034
Female	(1)	[2] 9,257	7,542
Native	(1)	(1)	15,541
Foreign-born	(1)	(1)	35
Indian	9,918	10,955	11,283
Male	(1)	5,588	5,788
Female	(1)	5,367	5,495
Native	(1)	(1)	11,110
Foreign-born	(1)	(1)	173
Japanese	312	278	263
Male	265	207	180
Female	47	71	83
Japanese—Continued			
Native	42	73	149
Foreign-born	270	205	114
Other races	283	377	633
Male	214	294	438
Female	69	83	195
Native	227	325	611
Foreign-born	56	52	22
Under 5 years	5,669	6,356	7,611
Under 1 year	*1,152*	*1,339*	*1,441*
5 to 9 years	5,599	6,078	6,799
10 to 14 years	4,292	5,095	6,097
15 to 19 years	3,279	4,735	5,610
20 to 24 years	3,489	4,259	6,272
25 to 29 years	4,335	4,171	6,774
30 to 34 years	4,841	3,762	5,887
35 to 39 years	5,422	4,459	5,165
40 to 44 years	4,589	4,385	4,039
45 to 49 years	4,183	4,111	4,047
50 to 54 years	3,392	3,720	3,901
55 to 59 years	2,311	2,828	3,402
60 to 64 years	1,611	2,245	2,568
65 to 69 years	904	1,499	2,033
70 to 74 years	412	824	1,132
75 years and over	411	612	936
Age unknown	297	139	251

1939

Males of militia age (18 to 44 years)	
Total	17,900
White	11,813
Nonwhite	6,087
Citizenship of foreign-born	
Total	9,132
Male	7,154
Female	1,978
Naturalized	6,446
Male	5,079
Female	1,367
First papers	1,131
Male	1,003
Female	128
Alien and unknown	1,555
Male	1,072
Female	483
Marital status	
Males 15 years of age and over	32,494
Single	14,827
Married	14,625
Widowed	1,854
Divorced	1,188
Females 15 years of age and over	19,523
Single	3,739
Married	13,618
Widowed	1,720
Divorced	446
School attendance	
Number 5 to 24 years, total	24,778
Attending school	11,787
Percent	47.6

Years of school completed	
Persons 25 years and over, total [3]	40,135
White	27,618
Aleuts, Eskimos, and Indians	11,979
No years completed [3]	5,824
White	397
Aleuts, Eskimos, and Indians	5,379
Elementary school:	
1 and 2 years [3]	1,472
White	306
Aleuts, Eskimos, and Indians	1,130
3 and 4 years [3]	2,889
White	1,099
Aleuts, Eskimos, and Indians	1,722
5 and 6 years [3]	3,259
White	1,718
Aleuts, Eskimos, and Indians	1,454
7 and 8 years [3]	10,226
White	8,879
Aleuts, Eskimos, and Indians	1,217
High school:	
1 to 3 years [3]	5,021
White	4,572
Aleuts, Eskimos, and Indians	379
4 years [3]	5,327
White	5,074
Aleuts, Eskimos, and Indians	200
College:	
1 to 3 years [3]	2,957
White	2,883
Aleuts, Eskimos, and Indians	63
4 years or more [3]	2,133
White	2,086
Aleuts, Eskimos, and Indians	31
Not reported [3]	1,027
White	604
Aleuts, Eskimos, and Indians	404

[1] Not reported separately. [2] Includes data for Aleuts.
[3] Includes data for "Other nonwhite, not shown separately".

Source: Department of Commerce, Bureau of the Census; Fourteenth Census Reports, Population, Vol. III; Fifteenth Census Reports, Outlying Territories and Possessions; Sixteenth Census Reports, Population, Second Series Bulletins.

No. 59.—Population—Summary for Hawaii: 1920, 1930, and 1940

[For July 1 estimates of total population, 1920 to 1948, see table 7; see also *Historical Statistics*, series B 7]

Sex, race, and nativity	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)
Total	**255,912**	**368,336**	**423,330**
Male	151,146	222,640	245,135
Female	104,766	145,696	178,195
Males per 100 females	144.3	152.8	137.6
Hawaiian [1]	23,723	22,636	14,375
Male	11,990	11,311	7,413
Female	11,733	11,325	6,962
Part-Hawaiian	18,027	28,224	49,935
Male	9,052	14,042	24,650
Female	8,975	14,182	25,285
Native	18,027	28,224	49,908
Foreign-born			27
Caucasian	49,140	73,702	103,791
Male	27,372	45,071	64,473
Female	21,768	28,631	39,318
Native	37,359	64,144	95,840
Foreign-born	11,781	9,558	7,951
Chinese	23,507	27,179	28,774
Male	16,197	16,561	16,131
Female	7,310	10,618	12,643
Native	12,342	19,711	23,930
Foreign-born	11,165	7,468	4,844
Filipino [1]	21,031	63,052	52,569
Male	16,851	52,566	40,791
Female	4,180	10,486	11,778
Japanese	109,274	139,631	157,905
Male	62,644	75,008	82,820
Female	46,630	64,623	75,085
Native	48,586	91,185	120,552
Foreign-born	60,688	48,446	37,353
Other [2]	11,210	13,912	15,981
Male	7,040	8,081	8,857
Female	4,170	5,831	7,124
Native	7,603	10,847	13,543
Foreign-born	3,607	3,065	2,438

Age, militia age, and citizenship	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)
AGE			
Under 5 years	38,550	48,180	40,085
Under 1 year	*8,579*	*9,575*	*8,315*
5 to 9 years	30,195	47,119	43,431
10 to 14 years	22,060	38,042	47,494
15 to 19 years	20,645	33,490	48,338
20 to 24 years	24,763	42,767	51,077
25 to 29 years	21,495	36,671	42,329
30 to 34 years	20,685	27,474	33,387
35 to 39 years	18,912	22,251	28,888
40 to 44 years	17,561	18,756	22,111
45 to 49 years	15,116	15,637	17,487
50 to 54 years	10,066	13,440	15,116
55 to 64 years	10,956	16,768	20,518
65 to 74 years	3,699	5,871	10,112
75 years and over	1,096	1,767	2,802
Age unknown	113	103	155
MALES OF MILITIA AGE (18 TO 44 YEARS)			
Total	**68,429**	**109,036**	**123,935**
Hawaiian	4,765	4,342	3,125
Part-Hawaiian	2,628	4,006	8,188
Caucasian	12,789	27,722	43,764
Japanese	26,695	21,849	31,368
All other races [3]	21,552	51,117	37,490
CITIZENSHIP OF FOREIGN-BORN			
Total	**87,241**	**68,537**	**52,613**
Male	56,920	42,013	30,490
Female	30,321	26,524	22,123
Naturalized	4,566	5,260	5,553
Male	2,659	3,282	3,545
Female	1,907	1,978	2,008
First papers	518	828	397
Alien and unknown	82,157	62,449	46,663
Male	53,764	38,023	26,668
Female	28,393	24,426	19,995

1940

Marital status	
Male, 15 years old and over	178,663
Single	98,128
Married	71,715
Widowed	6,211
Divorced	2,609
Female, 15 years old and over	113,657
Single	36,152
Married	66,569
Widowed	8,819
Divorced	2,117
SCHOOL ATTENDANCE	
Number 5 to 24 years, total	190,340
Attending school	110,459
Percent attending, total	58.0
5 and 6 years	51.5
7 to 13 years	98.7
14 and 15 years	93.5
16 and 17 years	67.1
18 to 20 years	19.8
21 to 24 years	3.6

Years of school completed	
Persons 25 years old and over, total	192,905
No years completed	35,643
Elementary school:	
1 and 2 years	11,498
3 and 4 years	24,109
5 and 6 years	25,978
7 and 8 years	36,077
High school:	
1 to 3 years	19,543
4 years	21,519
College:	
1 to 3 years	7,683
4 years or more	10,252
Not reported	603
Median school years completed	6.9
Hawaiian	6.2
Part-Hawaiian	8.6
Caucasian	10.9
Chinese	6.5
Filipino	1.6
Japanese	6.5
Other races [3]	3.0

[1] All Hawaiians and Filipinos were reported as native.
[2] Korean, Puerto Rican, Negro, and other races.
[3] Chinese, Filipino, Korean, Puerto Rican, Negro, and other races.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Outlying Territories and Possessions; Sixteenth Census Reports, Population, Second Series Bulletins.

No. 60.—Population—Summary for Puerto Rico: 1920, 1930, and 1940

[For July 1 estimates of total population, 1920 to 1948, see table 7; see also *Historical Statistics*, series B 8]

Characteristic	1920 (Jan. 1)	1930 (Apr. 1)	1940 (Apr. 1)
Total	**1,299,809**	**1,543,913**	**1,869,255**
Male	647,825	771,761	938,280
Female	651,984	772,152	930,975
Males per 100 female	99.4	99.9	100.8
White	948,709	1,146,719	1,430,744
Male	473,654	574,369	718,398
Female	475,055	572,350	712,346
Native	941,228	1,141,114	1,426,055
Foreign-born	7,481	5,605	4,689
Nonwhite	351,100	397,194	438,511
Male	174,171	197,392	219,882
Female	176,929	199,802	218,629
Native	350,414	396,782	438,161
Foreign-born	686	412	350
Under 5 years	200,255	226,468	280,440
Under 1 year	*43,184*	*44,053*	*59,958*
5 to 9 years	195,131	224,022	251,652
10 to 14 years	168,054	199,337	227,097
15 to 19 years	126,248	186,150	206,149
20 to 24 years	128,531	149,336	206,326
25 to 29 years	96,053	99,780	148,008
30 to 34 years	78,005	94,709	102,596
35 to 39 years	138,539	164,904	101,138
40 to 44 years			85,972
45 to 49 years	91,897	103,163	69,002
50 to 54 years			56,991
55 to 59 years	45,973	56,418	34,444
60 to 64 years			35,387
65 to 69 years	20,118	25,828	25,328
70 to 74 years			16,577
75 years and over	10,708	13,576	21,201
Age unknown	297	222	947
MALES OF MILITIA AGE (18 TO 44 YEARS)			
Total	**237,523**	**290,189**	**364,597**
White	175,395	216,800	280,900
Nonwhite	62,128	73,389	83,697
MARITAL STATUS (15 years and over)			
Male	362,075	442,809	553,704
Single	151,610	191,237	234,552
Married	145,204	173,089	217,277
Consensually married	48,695	59,594	77,977
Widowed	15,611	17,443	21,128
Divorced	955	1,446	2,770
MARITAL STATUS—con.			
Female	374,294	451,277	556,362
Single	127,086	152,635	174,954
Married	147,259	177,818	223,735
Consensually married	52,583	65,750	84,237
Widowed	45,027	50,936	64,630
Divorced	2,339	4,138	8,806
SCHOOL ATTENDANCE			
Persons 5–20 years old	520,253	651,395	727,437
Attending school	**206,533**	**214,328**	**294,541**
5–6 years	14,755	4,746	9,074
7–13 years	145,309	164,213	222,244
14 years	15,473	16,255	21,455
15 years	11,048	10,867	15,150
16–17 years	11,967	12,012	17,194
18–20 years	7,981	6,235	9,424
PERCENT			
Persons 5–20 years old	39.7	32.9	40.5
5–6 years	18.3	5.2	8.9
7–13 years	57.8	56.0	66.8
14 years	49.8	42.0	48.3
15 years	38.5	28.9	36.4
16–17 years	25.6	17.4	22.4
18–20 years	9.8	5.1	7.2
LITERACY AND ABILITY TO SPEAK ENGLISH			
Persons 10 years old and over	904,423	1,093,423	1,337,163
Able to read and write:			
Total number	407,334	641,085	916,027
Percent	45.0	58.6	68.5
Not able to read and write:			
Total number	497,089	452,338	421,136
Percent	55.0	41.4	31.5
Able to speak English:			
Number	89,427	212,231	371,132
Percent	9.9	19.4	27.8

1940

Employment status	Total	Male	Female
Population 14 years old and over	**1,154,475**	**576,409**	**578,066**
In labor force	**601,990**	**457,630**	**144,360**
Percent of population 14 years old and over	52.1	79.4	25.0
Employed (except on public emergency work)	512,214	383,914	128,300
On public emergency work	24,100	23,253	847
Seeking work	65,676	50,463	15,213
Experienced workers	46,829	35,926	10,903
New workers	18,847	14,537	4,310
Not in labor force	552,485	118,779	433,706

Employed, by major occupation group	Total	Male	Female
Employed [1]	**512,214**	**383,914**	**128,300**
Professional workers	13,673	6,392	7,281
Semiprofessional workers	1,624	1,148	476
Farmers and farm mgrs.	47,761	44,691	3,070
Proprietors, mgrs., officials, except farm	24,380	22,310	2,070
Clerical, sales, etc.	41,539	33,488	8,051
Craftsmen, foremen, etc.	27,550	27,334	216
Operatives, etc.	91,651	27,898	63,753
Domestic service workers	39,335	4,042	35,293
Service workers, exc. domestic	18,507	14,138	4,369
Farm laborers (wage workers) and farm foremen	164,414	162,047	2,367
Farm laborers (unpaid family workers)	13,890	13,307	583
Laborers, except farm	26,274	25,924	350
Occupation not reported	1,616	1,195	421

[1] Except on public emergency work.

Source: Department of Commerce, Bureau of the Census; Fifteenth Census Reports, Outlying Territories and Possessions; Sixteenth Census Reports, Population, Second and Third Series Bulletins.

No. 61.—Population and Households for Specified Metropolitan Districts: April 1940 and 1947

[1940 figures based on 1940 census including small number then in armed forces. 1947 figures based on Census Bureau's Survey of Population, Labor Force and Housing, consisting of about 30,000 households located in 148 sample areas and including small number in armed forces living off post or with their families on post. See Sampling Note on p. 183. For definition of households see p. 2. Derived figures are based on unrounded absolute numbers]

Metropolitan district	Population			Households			Population per household	
	Total population, 1940	Civilian population, 1947	Percent increase, 1940–47[1]	Number 1940	Number 1947	Percent increase, 1940–47[1]	1940	1947
Akron, Ohio	349,705	424,000	21	95,460	118,000	24	3.7	3.6
Allentown-Bethlehem-Easton, Pa.	325,142	338,000	4	82,900	92,000	12	3.9	3.7
Atlanta, Ga.	442,294	498,000	13	119,640	137,000	15	3.7	3.6
Baltimore, Md.	1,046,692	1,306,000	25	273,780	355,000	30	3.8	3.7
Birmingham, Ala.	407,851	502,000	23	107,000	135,000	27	3.8	3.7
Boston, Mass.	2,350,514	2,550,000	8	606,300	711,000	17	3.9	3.6
Chicago, Ill.	4,499,126	4,645,000	3	1,246,620	1,334,000	7	3.6	3.5
Columbus, Ohio	365,796	432,000	18	99,860	124,000	24	3.7	3.5
Dallas, Tex.	376,548	470,000	25	108,920	145,000	33	3.5	3.3
Denver, Colo.	384,372	471,000	23	114,880	148,000	29	3.3	3.2
Detroit, Mich.	2,295,867	2,702,000	18	598,100	754,000	26	3.8	3.6
Los Angeles, Calif.	2,904,596	3,917,000	35	928,180	1,243,000	34	3.1	3.2
Lowell-Lawrence-Haverhill, Mass.	334,969	348,000	4	88,360	98,000	11	3.8	3.5
Memphis, Tenn.	332,477	403,000	21	92,420	112,000	21	3.6	3.6
Minneapolis-St. Paul, Minn.	911,077	1,006,000	10	260,620	287,000	10	3.5	3.5
New Haven, Conn.	308,228	352,000	14	82,940	97,000	17	3.7	3.6
New Orleans, La.	540,030	602,000	11	146,400	168,000	15	3.7	3.6
New York-Northeastern New Jersey	11,690,520	12,684,000	9	3,181,460	3,602,000	13	3.7	3.5
New York Division	8,707,666	9,251,000	6	(2)	2,664,000	(2)	(2)	3.5
New Jersey Division	2,982,854	3,434,000	15	(2)	938,000	(2)	(2)	3.7
Norfolk-Portsmouth-Newport News, Va.	330,396	471,000	43	82,860	133,000	61	4.0	3.5
Philadelphia, Pa.	2,898,644	3,373,000	16	764,080	940,000	23	3.8	3.6
Pittsburgh, Pa.	1,994,060	2,100,000	5	505,780	557,000	10	3.9	3.8
Portland, Oreg.	406,406	534,000	31	135,380	181,000	34	3.0	3.0
Rochester, N. Y.	411,970	464,000	13	114,960	133,000	16	3.6	3.5
Salt Lake City, Utah	204,488	245,000	20	55,200	68,000	23	3.7	3.6
San Antonio, Tex.	319,010	417,000	31	84,240	113,000	34	3.8	3.7
San Francisco-Oakland, Calif.	1,428,525	1,990,000	39	459,860	650,000	41	3.1	3.1
Scranton-Wilkes Barre, Pa.	629,581	536,000	−15	148,000	145,000	−2	4.3	3.7
Seattle, Wash.	452,639	603,000	33	154,040	195,000	27	2.9	3.1
St. Louis, Mo.	1,367,977	1,584,000	16	384,360	463,000	20	3.6	3.4
Toledo, Ohio	341,663	383,000	12	94,840	109,000	15	3.6	3.5
Tulsa, Okla.	188,562	213,000	13	(2)	65,000	(2)	(2)	3.3
Washington, D. C.	907,816	1,205,000	33	237,660	345,000	45	3.8	3.5
Worcester, Mass.	306,194	309,000	1	78,620	81,000	3	3.9	3.8
Youngstown, Ohio	372,428	381,000	2	91,720	99,000	8	4.1	3.8

[1] A minus sign (−) denotes decrease. [2] Not available.

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-21, No. 35.

No. 62.—Population of Cities Having, in 1940, 100,000 Inhabitants or More, by Sex and Color: 1930 and 1940

[For total population of these cities, see table 63]

City	Male		Female		Males per 100 females		White		Nonwhite	
	1930	1940	1930	1940	1930	1940	1930	1940	1930	1940
Akron	130,029	121,529	125,011	123,262	104.0	98.6	243,816	232,482	11,224	12,309
Albany	61,947	62,864	65,465	67,713	94.6	92.8	124,965	127,564	2,447	3,013
Atlanta	126,493	139,331	143,873	162,597	87.9	85.7	180,248	197,686	90,118	104,602
Baltimore	395,888	422,916	408,986	436,184	96.8	97.0	662,168	692,705	142,706	166,395
Birmingham	125,855	127,420	133,823	140,163	94.0	90.9	160,571	158,622	99,107	108,961
Boston	383,454	373,147	397,734	397,669	96.4	93.8	758,782	745,466	22,406	25,350
Bridgeport	73,061	73,188	73,655	73,933	99.2	99.0	143,334	143,314	3,382	3,807
Buffalo	284,460	283,767	288,616	292,134	98.6	97.1	558,941	557,618	14,135	18,283
Cambridge	54,013	52,479	59,630	58,400	90.6	89.9	108,046	105,855	5,597	5,024
Camden	59,442	58,802	59,258	58,734	100.3	100.1	107,292	104,995	11,408	12,541
Canton	53,301	54,285	51,605	54,116	103.3	100.3	101,857	104,319	3,049	4,082
Charlotte	39,583	47,662	43,092	53,237	91.9	89.5	57,490	69,475	25,185	31,424
Chattanooga	57,932	61,246	61,866	66,917	93.6	91.5	86,498	91,742	33,300	36,421
Chicago	1,710,663	1,681,665	1,665,775	1,715,143	102.7	98.0	3,137,093	3,114,564	239,345	282,244
Cincinnati	218,995	217,082	232,165	238,528	94.3	91.0	403,147	399,853	48,013	55,757
Cleveland	456,856	438,346	443,573	439,990	103.0	99.6	827,833	793,417	72,596	84,919
Columbus, Ohio	143,359	148,971	147,205	157,116	97.4	94.8	257,628	270,183	32,936	35,904
Dallas	126,071	139,759	134,404	154,975	93.8	90.2	221,621	244,246	38,854	50,488
Dayton	99,822	103,358	101,160	107,360	98.7	96.3	183,860	190,414	17,122	20,304
Denver	139,872	155,635	147,989	166,777	94.5	93.3	279,814	313,810	8,047	8,602

No. 62.—Population of Cities Having, in 1940, 100,000 Inhabitants or More, by Sex and Color: 1930 and 1940—Continued

City	Male		Female		Males per 100 females		White		Nonwhite	
	1930	1940	1930	1940	1930	1940	1930	1940	1930	1940
Des Moines	68,481	75,879	74,078	83,940	92.4	90.4	137,046	153,426	5,513	6,393
Detroit	821,920	827,499	746,742	795,953	110.1	104.0	1,446,656	1,472,662	122,006	150,790
Duluth	51,285	50,586	50,178	50,479	102.2	100.2	100,923	100,659	540	406
Elizabeth	58,348	54,878	56,241	55,034	103.7	99.7	109,736	104,910	4,853	5,002
Erie	57,512	58,082	58,455	58,873	98.4	98.7	114,715	115,565	1,252	1,390
Fall River	55,132	55,542	60,142	59,886	91.7	92.7	114,767	114,909	507	519
Flint	81,897	75,976	74,595	75,567	109.8	100.5	150,658	144,858	5,834	6,685
Fort Wayne	56,270	56,915	58,676	61,495	95.9	92.6	112,537	115,877	2,409	2,533
Fort Worth	80,015	85,061	83,432	92,601	95.9	91.9	141,152	152,345	22,295	25,317
Gary	54,593	58,075	45,833	53,644	119.1	108.3	82,478	91,246	17,948	20,473
Grand Rapids	82,340	79,418	86,252	84,874	95.5	93.6	165,636	161,567	2,956	2,725
Hartford	80,015	80,509	84,057	85,758	95.2	93.9	157,468	159,119	6,604	7,148
Houston	145,962	188,318	146,390	196,196	99.7	96.0	228,836	297,959	63,516	86,555
Indianapolis	176,647	185,461	187,514	201,511	94.2	92.0	320,100	335,755	44,061	51,217
Jacksonville	62,018	82,798	67,531	90,267	91.8	91.7	81,322	111,247	48,227	61,818
Jersey City	159,315	149,703	157,400	151,470	101.2	98.8	303,943	287,598	12,772	13,575
Kansas City, Kans	60,867	59,432	60,990	62,026	99.8	95.8	101,776	100,390	20,081	21,068
Kansas City, Mo	194,542	190,117	205,204	209,061	94.8	90.9	360,725	357,346	39,021	41,832
Knoxville	50,973	52,708	54,829	58,872	93.0	89.5	88,705	95,474	17,097	16,106
Long Beach	68,256	77,593	73,776	86,678	92.5	89.5	140,867	162,582	1,165	1,689
Los Angeles	610,678	734,135	627,370	770,142	97.3	95.3	1,170,700	1,406,430	67,348	97,847
Louisville	148,084	152,267	159,661	166,810	92.7	91.3	260,358	271,867	47,387	47,210
Lowell	47,386	49,016	52,848	52,373	89.7	93.6	100,052	101,252	182	137
Memphis	120,581	139,238	132,562	153,704	91.0	90.6	156,535	171,406	96,608	121,536
Miami	54,629	84,587	56,008	87,585	97.5	96.6	85,468	135,192	25,169	36,980
Milwaukee	290,648	289,118	287,601	298,354	101.1	96.9	570,286	578,177	7,963	9,295
Minneapolis	225,547	234,542	238,809	257,828	94.4	91.0	459,630	487,099	4,726	5,271
Nashville	71,945	77,499	81,921	89,903	87.8	86.2	111,026	120,072	42,840	47,330
Newark	223,763	213,840	218,574	215,920	102.4	99.0	402,620	383,534	39,717	46,226
New Bedford	54,137	53,401	58,460	56,940	92.6	93.8	108,868	105,927	3,729	4,414
New Haven	79,549	78,333	83,106	82,272	95.7	95.2	157,255	154,262	5,400	6,343
New Orleans	219,250	234,277	239,512	260,260	91.5	90.0	328,446	344,775	130,316	149,762
New York	3,472,956	3,676,293	3,457,490	3,778,702	100.4	97.3	6,589,377	6,977,501	341,069	477,494
Norfolk	65,049	72,949	64,661	71,383	100.6	102.2	85,523	98,248	44,187	46,084
Oakland	142,434	149,227	141,629	152,936	100.6	97.6	270,673	287,936	13,390	14,227
Oklahoma City	93,751	98,774	91,638	105,650	102.3	93.5	170,021	184,715	15,368	19,709
Omaha	105,896	108,750	108,110	115,094	98.0	94.5	202,597	211,640	11,409	12,204
Paterson	69,178	69,505	69,335	70,151	99.8	99.1	135,427	135,300	3,086	4,356
Peoria	52,512	51,832	52,457	53,255	100.1	97.3	101,904	102,202	3,065	2,885
Philadelphia	968,281	942,550	982,680	988,784	98.5	95.3	1,728,806	1,678,577	222,155	252,757
Pittsburgh	332,576	330,007	337,241	341,652	98.6	96.6	614,454	609,236	55,363	62,423
Portland, Oreg	150,494	149,135	151,321	156,259	99.5	95.4	296,335	299,707	5,480	5,687
Providence	121,227	121,797	131,754	131,707	92.0	92.5	247,280	246,904	5,701	6,600
Reading	54,555	53,954	56,616	56,614	96.4	95.3	109,196	108,646	1,975	1,922
Richmond	85,715	90,220	97,214	102,822	88.2	87.7	129,874	131,706	53,055	61,336
Rochester	160,261	157,574	167,871	167,401	95.5	94.1	325,294	321,554	2,838	3,421
Sacramento	49,790	53,496	43,960	52,462	113.3	102.0	87,636	99,808	6,114	6,150
St. Louis	401,706	391,798	420,254	424,250	95.6	92.4	727,699	706,794	94,261	109,254
St. Paul	131,570	137,561	140,036	150,175	94.0	91.6	267,273	283,399	4,333	4,337
Salt Lake City	69,033	73,229	71,234	76,705	96.9	95.5	138,839	148,699	1,428	1,235
San Antonio	113,676	123,508	117,866	130,346	96.4	94.8	213,110	234,022	18,432	19,832
San Diego	74,290	103,638	73,705	99,703	100.8	103.9	143,290	196,946	4,705	6,395
San Francisco	338,033	322,441	296,361	312,095	114.1	103.3	602,891	602,701	31,503	31,835
Scranton	70,061	68,593	73,372	71,811	95.5	95.5	142,682	139,647	751	757
Seattle	186,083	183,526	179,500	184,776	103.7	99.3	350,639	354,101	14,944	14,201
Somerville	50,065	49,332	53,843	52,845	93.0	93.4	103,585	101,887	323	290
South Bend	52,555	50,228	51,638	51,040	101.8	98.4	100,703	97,662	3,490	3,606
Spokane	57,816	60,416	57,968	61,585	100.2	98.1	114,345	120,897	1,169	1,104
Springfield, Mass	72,688	72,246	77,212	77,308	94.1	93.5	146,665	146,361	3,235	3,193
Syracuse	103,680	100,296	105,646	105,671	98.1	94.9	207,200	203,640	2,126	2,327
Tacoma	54,154	55,038	52,663	54,370	102.8	101.2	104,562	107,611	2,255	1,797
Tampa	49,747	52,442	51,414	55,949	96.8	93.7	79,963	85,043	21,198	23,348
Toledo	147,691	140,011	143,027	142,348	103.3	98.4	277,295	267,589	13,423	14,760
Trenton	61,938	62,175	61,418	62,522	100.8	99.4	115,248	115,357	8,103	9,340
Tulsa	70,114	68,187	71,144	73,970	98.6	92.2	124,190	126,352	17,068	15,805
Utica	49,189	48,857	52,551	51,661	93.6	94.6	101,244	99,989	496	529
Washington, D. C	231,883	317,522	254,986	345,569	90.9	91.9	353,981	474,326	132,888	188,765
Wichita	54,174	54,996	56,936	59,970	95.1	91.7	105,400	109,186	5,710	5,780
Wilmington, Del	53,297	55,494	53,300	57,010	100.0	97.3	94,480	98,175	12,117	14,329
Worcester	95,488	94,455	99,823	99,239	95.7	95.2	193,822	192,263	1,489	1,431
Yonkers	66,827	69,991	67,819	72,607	98.5	96.4	131,246	138,441	3,400	4,157
Youngstown	86,739	84,652	83,263	83,068	104.2	101.9	155,387	153,056	14,615	14,664

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

No. 63.—Population of Cities Having, in 1940, 50,000 Inhabitants or More: 1890 to 1940

[Increase from census to census includes that due to annexation of territory as well as to direct growth]

CITY	1890	1900	1910	1920	1930	1940
Akron, Ohio	27,601	42,728	69,067	208,435	255,040	244,791
Albany, N. Y.	94,923	94,151	100,253	113,344	127,412	130,577
Allentown, Pa.	25,228	35,416	51,913	73,502	92,563	96,904
Altoona, Pa.	30,337	38,973	52,127	60,331	82,054	80,214
Amarillo, Tex.	482	1,442	9,957	15,494	43,132	51,686
Asheville, N. C.	10,235	14,694	18,762	28,504	50,193	51,310
Atlanta, Ga.	65,533	89,872	154,839	200,616	270,366	302,288
Atlantic City, N. J.	13,055	27,838	46,150	50,707	66,198	64,094
Augusta, Ga.	33,300	39,441	41,040	52,548	60,342	65,919
Austin, Tex.	14,575	22,258	29,860	34,876	53,120	87,930
Baltimore, Md.	434,439	508,957	558,485	733,826	804,874	859,100
Bayonne, N. J.	19,033	32,722	55,545	76,754	88,979	79,198
Beaumont, Tex.	3,296	9,427	20,640	40,422	57,732	59,061
Berkeley, Calif.	5,101	13,214	40,434	56,036	82,109	85,547
Bethlehem, Pa.[1]	6,762	7,293	12,837	50,358	57,892	58,490
Binghamton, N. Y.	35,005	39,647	48,443	66,800	76,662	78,309
Birmingham, Ala.	26,178	38,415	132,685	178,806	259,678	267,583
Boston, Mass.	448,477	560,892	670,585	748,060	781,188	770,816
Bridgeport, Conn.	48,866	70,996	102,054	143,555	146,716	147,121
Brockton, Mass.	27,294	40,063	56,878	66,254	63,797	62,343
Buffalo, N. Y.	255,664	352,387	423,715	506,775	573,076	575,901
Cambridge, Mass.	70,028	91,886	104,839	109,694	113,643	110,879
Camden, N. J.	58,313	75,935	94,538	116,309	118,700	117,536
Canton, Ohio	26,189	30,667	50,217	87,091	104,906	108,401
Cedar Rapids, Iowa	18,020	25,656	32,811	45,566	56,097	62,120
Charleston, S. C.	54,955	55,807	58,833	67,957	62,265	71,275
Charleston, W. Va.	6,742	11,099	22,996	39,608	60,408	67,914
Charlotte, N. C.	11,557	18,091	34,014	46,338	82,675	100,899
Chattanooga, Tenn.	29,100	30,154	44,604	57,895	119,798	128,163
Chester, Pa.	20,226	33,988	38,537	58,030	59,164	59,285
Chicago, Ill.	1,099,850	1,698,575	2,185,283	2,701,705	3,376,438	3,396,808
Cicero, Ill.	10,204	16,310	14,557	44,995	66,602	64,712
Cincinnati, Ohio	296,908	325,902	363,591	401,247	451,160	455,610
Cleveland, Ohio	261,353	381,768	560,663	796,841	900,429	878,336
Cleveland Heights, Ohio	----------	----------	2,955	15,236	50,945	54,992
Columbia, S. C.	15,353	21,108	26,319	37,524	51,581	62,396
Columbus, Ga.	17,303	17,614	20,554	31,125	43,131	53,280
Columbus, Ohio	88,150	125,560	181,511	237,031	290,564	306,087
Corpus Christi, Tex.	4,387	4,703	8,222	10,522	27,741	57,301
Covington, Ky.	37,371	42,938	53,270	57,121	65,252	62,018
Dallas, Tex.	38,067	42,638	92,104	158,976	260,475	294,734
Davenport, Iowa	26,872	35,254	43,028	56,727	60,751	66,039
Dayton, Ohio	61,220	85,333	116,577	152,559	200,982	210,718
Dearborn, Mich.	----------	844	911	2,470	50,358	63,584
Decatur, Ill.	16,841	20,754	31,140	43,818	57,510	59,305
Denver, Colo.	106,713	133,859	213,381	256,491	287,861	322,412
Des Moines, Iowa	50,093	62,139	86,368	126,468	142,559	159,819
Detroit, Mich.	205,876	285,704	465,766	993,678	1,568,662	1,623,452
Duluth, Minn.	33,115	52,969	78,466	98,917	101,463	101,065
Durham, N. C.	5,485	6,679	18,241	21,719	52,037	60,195
East Chicago, Ind.	1,255	3,411	19,098	35,967	54,784	54,637
East Orange, N. J.	----------	21,506	34,371	50,710	68,020	68,945
East St. Louis, Ill.	15,169	29,655	58,547	66,767	74,347	75,609
Elizabeth, N. J.	37,764	52,130	73,409	95,783	114,589	109,912
El Paso, Tex.	10,338	15,906	39,279	77,560	102,421	96,810
Erie, Pa.	40,634	52,733	66,525	93,372	115,967	116,955
Evanston, Ill.	----------	19,259	24,978	37,234	63,338	65,389
Evansville, Ind.	50,756	59,007	69,647	85,264	102,249	97,062
Fall River, Mass.	74,398	104,863	119,295	120,485	115,274	115,428
Flint, Mich.	9,803	13,103	38,550	91,599	156,492	151,543
Fort Wayne, Ind.	35,393	45,115	63,933	86,549	114,946	118,410
Fort Worth, Tex.	23,076	26,688	73,312	106,482	163,447	177,662
Fresno, Calif.	10,818	12,470	24,892	45,086	52,513	60,685
Galveston, Tex.	29,084	37,789	36,981	44,255	52,938	60,862
Gary, Ind.	----------	----------	16,802	55,378	100,426	111,719
Glendale, Calif.	----------	----------	2,746	13,536	62,736	82,582
Grand Rapids, Mich.	60,278	87,565	112,571	137,634	168,592	164,292
Greensboro, N. C.	3,317	10,035	15,895	19,861	53,569	59,319
Hamilton, Ohio	17,565	23,914	35,279	39,675	52,176	50,592
Hammond, Ind.	5,428	12,376	20,925	36,004	64,560	70,184

For footnotes, see p. 59.

No. 63.—Population of Cities Having, in 1940, 50,000 Inhabitants or More: 1890 to 1940—Continued

City	1890	1900	1910	1920	1930	1940
Harrisburg, Pa	39,385	50,167	64,186	75,917	80,339	83,893
Hartford, Conn	53,230	79,850	98,915	138,036	164,072	166,267
Highland Park, Mich	----------	427	4,120	46,499	52,959	50,810
Hoboken, N. J	43,648	59,364	70,324	68,166	59,261	50,115
Holyoke, Mass	35,637	45,712	57,730	60,203	56,537	53,750
Houston, Tex	27,557	44,633	78,800	138,276	292,352	384,514
Huntington, W. Va	10,108	11,923	31,161	50,177	75,572	78,836
Indianapolis, Ind	105,436	169,164	233,650	314,194	364,161	386,972
Irvington, N. J	----------	5,255	11,877	25,480	56,733	55,328
Jackson, Miss	5,920	7,816	21,262	22,817	48,282	62,107
Jacksonville, Fla	17,201	28,429	57,699	91,558	129,549	173,065
Jersey City, N. J	163,003	206,433	267,779	298,103	316,715	301,173
Johnstown, Pa	21,805	35,936	55,482	67,327	66,993	66,668
Kalamazoo, Mich	17,853	24,404	39,437	48,487	54,786	54,097
Kansas City, Kans	38,316	51,418	82,331	101,177	121,857	121,458
Kansas City, Mo	132,716	163,752	248,381	324,410	399,746	399,178
Knoxville, Tenn	22,535	32,637	36,346	77,818	105,802	111,580
Lakewood, Ohio	----------	3,355	15,181	41,732	70,509	69,160
Lancaster, Pa	32,011	41,459	47,227	53,150	59,949	61,345
Lansing, Mich	13,102	16,485	31,229	57,327	78,397	78,753
Lawrence, Mass	44,654	62,559	85,892	94,270	85,068	84,323
Lincoln, Nebr	55,154	40,169	43,973	54,948	75,933	81,984
Little Rock, Ark	25,874	38,307	45,941	65,142	81,679	88,039
Long Beach, Calif	564	2,252	17,809	55,593	142,032	164,271
Los Angeles, Calif	50,395	102,479	319,198	576,673	1,238,048	1,504,277
Louisville, Ky	161,129	204,731	223,928	234,891	307,745	319,077
Lowell, Mass	77,696	94,969	106,294	112,759	100,234	101,389
Lynn, Mass	55,727	68,513	89,336	99,148	102,320	98,123
Macon, Ga	22,746	23,272	40,665	52,995	53,829	57,865
Madison, Wis	13,426	19,164	25,531	38,378	57,899	67,447
Malden, Mass	23,031	33,664	44,404	49,103	58,036	58,010
Manchester, N. H	44,126	56,987	70,063	78,384	76,834	77,685
McKeesport, Pa	20,741	34,227	42,694	46,781	54,632	55,355
Medford, Mass	11,079	18,244	23,150	39,038	59,714	63,083
Memphis, Tenn	64,495	102,320	131,105	162,351	253,143	292,942
Miami, Fla	----------	1,681	5,471	29,571	110,637	172,172
Milwaukee, Wis	204,468	285,315	373,857	457,147	578,249	587,472
Minneapolis, Minn	164,738	202,718	301,408	380,582	464,356	492,370
Mobile, Ala	31,076	38,469	51,521	60,777	68,202	78,720
Montgomery, Ala	21,883	30,346	38,136	43,464	66,079	78,084
Mount Vernon, N. Y	10,830	21,228	30,919	42,726	61,499	67,362
Nashville, Tenn	76,168	80,865	110,364	118,342	153,866	167,402
Newark, N. J	181,830	246,070	347,469	414,524	442,337	429,760
New Bedford, Mass	40,733	62,442	96,652	121,217	112,597	110,341
New Britain, Conn	16,519	25,998	43,916	59,316	68,128	68,685
New Haven, Conn	86,045	108,027	133,605	162,537	162,655	160,605
New Orleans, La	242,039	287,104	339,075	387,219	458,762	494,537
New Rochelle, N. Y	9,057	14,720	28,867	36,213	54,000	58,408
Newton, Mass	24,379	33,587	39,806	46,054	65,276	69,873
New York, N. Y.[3]	2,507,414	3,437,202	4,766,883	5,620,048	6,930,446	7,454,995
Niagara Falls, N. Y	----------	19,457	30,445	50,760	75,460	78,029
Norfolk, Va	34,871	46,624	67,452	115,777	129,710	144,332
Oakland, Calif	48,682	66,960	150,174	216,261	284,063	302,163
Oak Park, Ill	----------	----------	19,444	39,858	63,982	66,015
Oklahoma City, Okla	4,151	10,037	64,205	91,295	185,389	204,424
Omaha, Nebr.[3]	140,452	102,555	124,096	191,601	214,006	223,844
Pasadena, Calif	4,882	9,117	30,291	45,354	76,086	81,864
Passaic, N. J	13,028	27,777	54,773	63,841	62,959	61,394
Paterson, N. J	78,347	105,171	125,600	135,875	138,513	139,656
Pawtucket, R. I	27,633	39,231	51,622	64,248	77,149	75,797
Peoria, Ill	41,024	56,100	66,950	76,121	104,969	105,087
Philadelphia, Pa	1,046,964	1,293,697	1,549,008	1,823,779	1,950,961	1,931,334
Phoenix, Ariz	3,152	5,544	11,134	29,053	48,118	65,414
Pittsburgh, Pa	[4] 343,904	[4] 451,512	533,905	588,343	669,817	671,659
Pontiac, Mich	6,200	9,769	14,532	34,273	64,928	66,626
Portland, Me	36,425	50,145	58,571	69,272	70,810	73,643
Portland, Oreg	46,385	90,426	207,214	258,288	301,815	305,394
Portsmouth, Va	13,268	17,427	33,190	54,387	45,704	50,745
Providence, R. I	132,146	175,597	224,326	237,595	252,981	253,504
Pueblo, Colo	24,558	28,157	41,747	43,050	50,096	52,162

For footnotes, see p. 59.

No. 63.—Population of Cities Having, in 1940, 50,000 Inhabitants or More: 1890 to 1940—Continued

CITY	1890	1900	1910	1920	1930	1940
Quincy, Mass	16,723	23,899	32,642	47,876	71,983	75,810
Racine, Wis	21,014	29,102	38,002	58,593	67,542	67,195
Reading, Pa	58,661	78,961	96,071	107,784	111,171	110,568
Richmond, Va	81,388	85,050	127,628	171,667	182,929	193,042
Roanoke, Va	16,159	21,495	34,874	50,842	69,206	69,287
Rochester, N. Y	133,896	162,608	218,149	295,750	328,132	324,975
Rockford, Ill	23,584	31,051	45,401	65,651	85,864	84,637
Sacramento, Calif	26,386	29,282	44,696	65,908	93,750	105,958
Saginaw, Mich	46,322	42,345	50,510	61,903	80,715	82,794
St. Joseph, Mo	52,324	102,979	77,403	77,939	80,935	75,711
St. Louis, Mo	451,770	575,238	687,029	772,897	821,960	816,048
St. Paul, Minn	133,156	163,065	214,744	234,698	271,606	287,736
St. Petersburg, Fla	273	1,575	4,127	14,237	40,425	60,812
Salt Lake City, Utah	44,843	53,531	92,777	118,110	140,267	149,934
San Antonio, Tex	37,673	53,321	96,614	161,379	231,542	253,854
San Diego, Calif	16,159	17,700	39,578	74,361	147,995	203,341
San Francisco, Calif	298,997	342,782	416,912	506,676	634,394	634,536
San Jose, Calif	18,060	21,500	28,946	39,642	57,651	68,457
Santa Monica, Calif	1,580	3,057	7,847	15,252	37,146	53,500
Savannah, Ga	43,189	54,244	65,064	83,252	85,024	95,996
Schenectady, N. Y	19,902	31,682	72,826	88,723	95,692	87,549
Scranton, Pa	75,215	102,026	129,867	137,783	143,433	140,404
Seattle, Wash	42,837	80,671	237,194	315,312	365,583	368,302
Shreveport, La	11,979	16,013	28,015	43,874	76,655	98,167
Sioux City, Iowa	37,806	33,111	47,828	71,227	79,183	82,364
Somerville, Mass	40,152	61,643	77,236	93,091	103,908	102,177
South Bend, Ind	21,819	35,999	53,684	70,983	104,193	101,268
Spokane, Wash	19,922	36,848	104,402	104,437	115,514	122,001
Springfield, Ill	24,963	34,159	51,678	59,183	71,864	75,503
Springfield, Mass	44,179	62,059	88,926	129,614	149,900	149,554
Springfield, Mo	21,850	23,267	35,201	39,631	57,527	61,238
Springfield, Ohio	31,895	38,253	46,921	60,840	68,743	70,662
Stockton, Calif	14,424	17,506	23,253	40,296	47,963	54,714
Syracuse, N. Y	88,143	108,374	137,249	171,717	209,326	205,967
Tacoma, Wash	36,006	37,714	83,743	96,965	106,817	109,408
Tampa, Fla	5,532	15,839	37,782	51,608	101,161	108,391
Terre Haute, Ind	30,217	36,673	58,157	66,083	62,810	62,693
Toledo, Ohio	81,434	131,822	168,497	243,164	290,718	282,349
Topeka, Kans	31,007	33,608	43,684	50,022	64,120	67,833
Trenton, N. J	57,458	73,307	96,815	119,289	123,356	124,697
Troy, N. Y	60,956	60,651	76,813	71,996	72,763	70,304
Tulsa, Okla	----------	1,390	18,182	72,075	141,258	142,157
Union City, N. J.[5]	10,643	15,187	21,023	20,651	58,659	56,173
Utica, N. Y	44,007	56,383	74,419	94,156	101,740	100,518
Waco, Tex	14,445	20,686	26,425	38,500	52,848	55,982
Washington, D. C.[6]	230,392	278,718	331,069	437,571	486,869	663,091
Waterbury, Conn	28,646	45,859	73,141	91,715	99,902	99,314
Waterloo, Iowa	6,674	12,580	26,693	36,230	46,191	51,743
Wheeling, W. Va	34,522	38,878	41,641	56,208	61,659	61,099
Wichita, Kans	23,853	24,671	52,450	72,217	111,110	114,966
Wilkes-Barre, Pa	37,718	51,721	67,105	73,833	86,626	86,236
Wilmington, Del	61,431	76,508	87,411	110,168	106,597	112,504
Winston-Salem, N. C	10,729	13,650	22,700	48,395	75,274	79,815
Worcester, Mass	84,655	118,421	145,986	179,754	195,311	193,694
Yonkers, N. Y	32,033	47,931	79,803	100,176	134,646	142,598
York, Pa	20,793	33,708	44,750	47,512	55,254	56,712
Youngstown, Ohio	33,220	44,885	79,066	132,358	170,002	167,720

[1] Bethlehem and South Bethlehem boroughs consolidated as Bethlehem city between 1910 and 1920. Combined population, 1890, 19,823; 1900, 23,999; 1910, 32,810.

[2] Population shown is for New York City as now constituted.

[3] Omaha and South Omaha cities consolidated between 1910 and 1920. Combined population, 1890, 148,514; 1900, 128,556; 1910, 150,355.

[4] Includes population of Allegheny, 1890, 105,287; 1900, 129,896.

[5] Union and West Hoboken towns consolidated as Union City in 1925. Combined population, 1900, 38,281; 1910, 56,426; 1920, 60,725.

[6] Population shown is for District of Columbia, with which the city became coextensive in 1895.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. I.

2. Vital Statistics, Health, and Nutrition

Vital statistics.—Vital statistics, including statistics of births, deaths, marriages, and divorces, are compiled on a national basis by the National Office of Vital Statistics, Public Health Service. Prior to July 16, 1946, this activity was carried on in the Bureau of the Census. In addition to the data published by the National Office of Vital Statistics, reports in this field are issued by the individual State bureaus of vital statistics. Ordinarily these publications contain more details relating to the geographic and political subdivisions of the States, and for several States, more detailed statistics on marriages and divorces.

Births and deaths.—The national collection of mortality statistics on an annual basis was begun in 1900. For that year, the national death-registration area consisted of 10 States, the District of Columbia, and a number of cities in nonregistration States. The national collection of birth statistics was begun in 1915 with 10 States and the District of Columbia. Since 1933, the birth and death registration areas have comprised the entire United States.

In the following tables, births and deaths for 1940 and subsequent years are shown by place of residence [1] of the mother or of the decedent; those for earlier years by place of occurrence of the birth or death.

Death statistics include only deaths occurring in the continental United States and exclude deaths of military personnel overseas. Stillbirths are excluded from both birth and death statistics.

Marriages and divorces.—Collections of statistics on the numbers of marriages and divorces in the United States were made for the years 1867–1906, 1916, 1922–32, and 1937–48, except that no national collections on statistics of marriages were made in 1941–43. Estimates have been made for the intervening years as well as for years in which returns were not complete. Returns on divorces were considered practically complete for all collection years prior to 1941. At the present time, records of marriage are collected centrally in three-fourths of the States, and records of divorces, in about one-half of the States.

Vital statistics rates.—Vital statistics rates are based upon Bureau of the Census estimates of the midyear population. The special situation created by the changes in size and disposition of the armed forces necessitated the use of several types of population bases during the war and postwar period.[2] Briefly, birth and divorce rates for 1940–46 for the United States are based on the total population including members of the armed forces overseas; those for States on the civilian population in the States. Birth and divorce rates for 1947–48 and death and marriage rates for 1940–48 for the United States and States are based on total population present in the area, excluding armed forces overseas. By 1947, the armed forces overseas formed only 0.43 percent of the United States population.

Morbidity.—Statistics on morbidity are compiled and published by the Public Health Service. Each State health officer reports all diseases that are required by law or regulation to be reported in his State. The lists of diseases required to be reported

[1] For a discussion of methods of residence allocation and of significance of residence figures, see Vital Statistics of the United States, 1946, Part II, pp. V-X.

[2] For a discussion of the interpretation of crude rates during wartime, see *Summary of Natality and Mortality Statistics, United States, 1943*, Vital Statistics—Special Reports, Vol. 21, No. 1, 1945; and *Marriage and Divorce in the United States, 1937 to 1945*, Vital Statistics—Special Reports, Vol. 23, No. 9, 1946.

are not the same for each State, although the most common communicable diseases are reportable in all the States. Tables 102 and 103 show data on these reportable diseases.

In addition, data on illnesses are obtained by special surveys. The most comprehensive survey in this field is the National Health Survey made in 1935–36. Reprint No. 2384 from the Public Health Reports for May 29, 1942, gives a rather complete list of publications based on the National Health Survey.

Medical care.—Annual statistics of medical care on a Nation-wide basis are limited to data on hospital facilities obtained from the annual census of hospitals and institutions conducted by the American Medical Association. Such censuses include only hospitals, sanatoriums, and related institutions registered by that organization. Therefore, a relatively large number of institutions are not included in the survey. However, practically all of the large institutions in the country are canvassed with the result that most of the hospital bed facilites are usually included.

An index to one aspect of medical care is also provided by the numbers of births and deaths occurring in hospitals and institutions. These data may be found in the Public Health Service publications on vital statistics. Another aspect of medical care is provided by statistics on patients in hospitals for mental disease, and in institutions for mental defectives and epileptics. Beginning with the report for 1947, these statistics have been carried on by the Mental Hygiene Division, Public Health Service, Federal Security Agency; from 1926–46, the data were collected annually by the Bureau of the Census.

Nutrition.—Statistics on the apparent consumption of food per capita by civilians are estimated by the Bureau of Agricultural Economics of the Department of Agriculture. On the basis of these estimates, statistics on the nutritive value of the per capita food supply are computed by the Bureau of Human Nutrition and Home Economics. These statistics are published quarterly by the Bureau of Agricultural Economics in the National Food Situation.

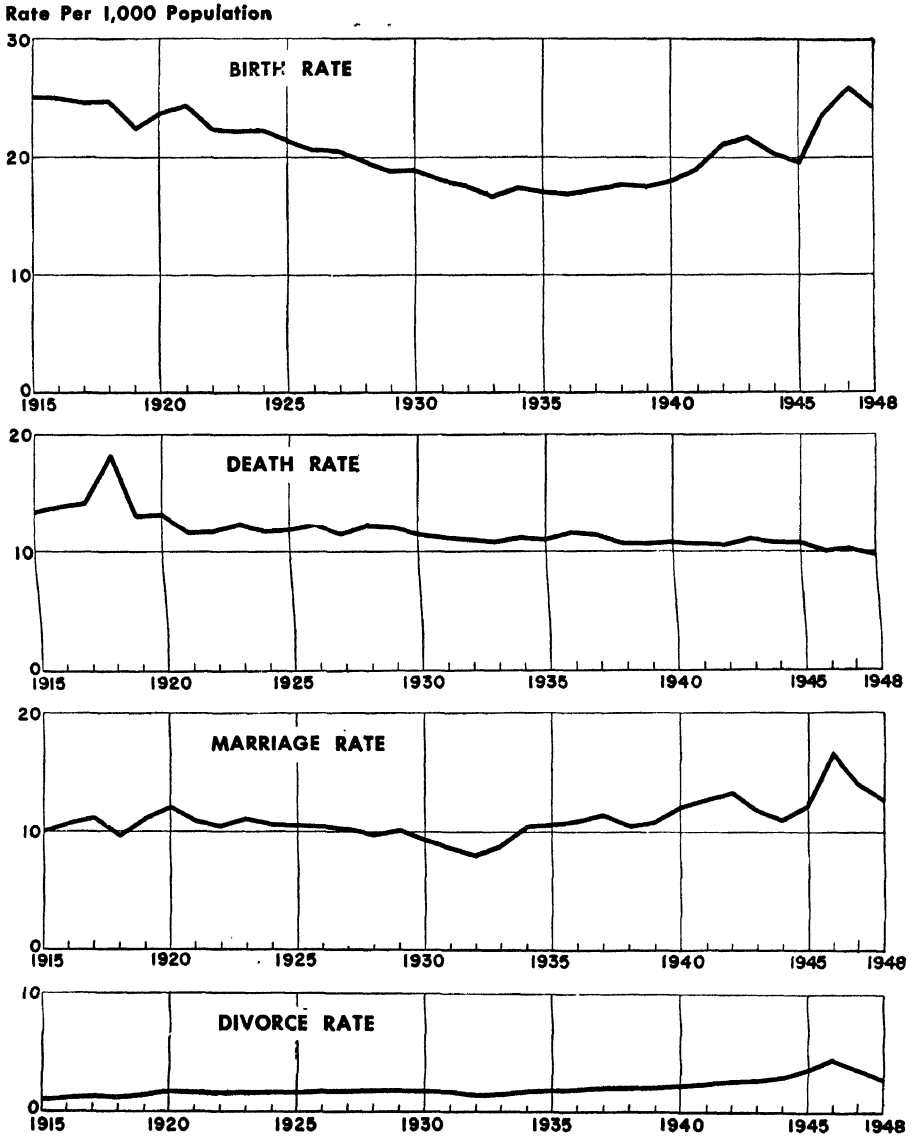
Statistics on Federal food distribution programs are compiled by the Production and Marketing Administration of the Department of Agriculture and published annually in *Agricultural Statistics*. Data on the quantity and costs of the food commodities distributed and the number of persons participating in the programs are available in this publication.

Under the provisions of Federal laws, food commodities are distributed for school lunches and to institutions and welfare cases. Statistics on direct distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Section 32, Public Law 320, and Section 6, National School Lunch Act, approved in 1935 and 1946, respectively, are presented in tables 107–109. Distribution to ultimate recipients is accomplished through cooperating distributing agencies in States. Expenditures represent cost to the Government of the commodity as delivered to the State distributing agency and include cost of purchase, handling, warehousing, and transportation charges, but exclude cost of administrative expenses. Statistics on the indemnity plan, which is a subsidy program to expand markets for agricultural products, maintain outlets for government-owned commodities, and support school-lunch programs, are shown in tables 107 and 109. Sponsors of school-lunch programs are reimbursed by the Government for local purchases of food on a basis of quality and quantity of meals served. This program was started in 1943.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series B 1 and C 1–5") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

FIGURE D.—VITAL STATISTICS RATES: 1915 TO 1948

[See table 64]



Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics.

No. 64.—Births, Deaths, Marriages and Divorces and Rates Per 1,000 Population: 1900 to 1948

[Births and deaths are for registration areas. For coverage of these areas, see table 65. Marriage and divorce data are for the United States. For additional rates, see *Historical Statistics*, series C24, C45, C77-78]

Year	Number					Rates per 1,000 population [1]			
	Births	Deaths	Excess of births over deaths	Marriages [2]	Divorces [3]	Births	Deaths	Marriages [2]	Divorces [3]
1900	----------	343,217	----------	709,000	55,751	-------	17.2	9.3	0.7
1905	----------	345,863	----------	842,000	67,976	-------	15.9	10.0	.8
1910	----------	696,856	----------	948,166	83,045	-------	14.7	10.3	.9
1915	776,304	815,500	339,711	1,007,595	104,298	25.0	13.2	10.0	1.0
1920	1,508,874	1,118,070	672,740	1,274,476	170,505	23.7	13.0	12.0	1.6
1925	1,878,880	1,191,809	848,362	1,188,334	175,449	21.3	11.7	10.3	1.5
1930	2,203,958	1,327,240	882,591	1,126,856	195,961	18.9	11.3	9.2	1.6
1935	2,155,105	1,392,752	762,353	1,327,000	218,000	16.9	10.9	10.4	1.7
1936	2,144,790	1,479,228	665,562	1,369,000	236,000	16.7	11.6	10.7	1.8
1937	2,203,337	1,450,427	752,910	1,451,296	249,000	17.1	11.3	11.3	1.9
1938	2,286,962	1,381,391	905,571	1,330,780	244,000	17.6	10.6	10.3	1.9
1939	2,265,588	1,387,897	877,691	1,403,633	251,000	17.3	10.6	10.7	1.9
1940	2,360,399	1,417,269	943,130	1,595,879	264,000	17.9	10.7	12.1	2.0
1941	2,513,427	1,397,642	1,115,785	1,695,999	293,000	18.9	10.5	12.7	2.2
1942	2,808,996	1,385,187	1,423,809	1,772,132	321,000	20.9	10.4	13.2	2.4
1943	2,934,860	1,459,544	1,475,316	1,577,050	359,000	21.5	10.9	11.8	2.6
1944	2,794,800	1,411,338	1,383,462	1,452,394	400,000	20.2	10.6	11.0	2.9
1945	2,735,456	1,401,719	1,333,737	1,612,992	485,000	19.6	10.6	12.2	3.5
1946	3,288,672	1,395,617	1,893,055	2,291,045	610,000	23.3	10.0	16.4	4.3
1947	3,699,940	1,445,370	2,254,570	1,991,878	483,000	25.8	10.1	13.9	3.4
1948	3,535,068	1,444,337	2,090,731	1,811,155	408,000	24.2	9.9	12.4	2.8

[1] Birth and divorce rates for 1940-46 based on population including armed forces overseas; for 1947-48 based on population excluding armed forces overseas. Death and marriage rates for 1940-48 based on population excluding armed forces overseas.

[2] Estimated, except 1925, 1930, and 1944-48. [3] Estimated, except for 1900, 1905, 1925, and 1930.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; Vital Statistics—Special Reports, Vol. 34, No. 1.

No. 65.—Birth- and Death-Registration Areas—Population and Number of States Included: 1900 to 1933

[Beginning with 1933 both birth- and death-registration areas comprise all States. For midyear estimates of population for 1934 and subsequent years, see table 7, p. 8. See also *Historical Statistics*, series B 1 and C 1-5]

Year	Birth-registration states			Death-registration states		
	Population (midyear estimates)	Percent of U. S. total population	Number of States (incl. D. C.)	Population (midyear estimates)	Percent of U. S. total population	Number of States (incl. D. C.)
1900	----------	----------	----------	19,965,446	26.2	11
1905	----------	----------	----------	21,767,980	26.0	11
1910	----------	----------	----------	47,470,437	51.4	21
1915	31,096,697	30.9	11	61,894,847	61.6	25
1916	32,944,013	32.3	12	66,971,177	65.7	27
1917	55,197,952	53.5	21	70,234,775	68.0	28
1918	55,153,782	53.4	21	79,008,412	76.6	31
1919	61,212,076	58.6	23	83,157,982	79.6	34
1920	63,597,307	59.7	24	86,079,263	80.9	35
1921	70,807,090	65.2	28	87,814,447	80.9	35
1922	79,560,746	72.3	31	92,702,901	84.2	38
1923	81,072,123	72.4	31	96,788,197	86.5	39
1924	87,000,295	76.2	34	99,318,098	87.0	40
1925	88,294,564	76.2	34	102,031,555	88.1	41
1926	90,400,590	77.0	36	103,822,683	88.4	42
1927	104,320,830	87.6	41	107,084,532	90.0	43
1928	113,636,160	94.3	45	113,636,160	94.3	45
1929	115,317,450	94.7	47	115,317,450	94.7	47
1930	116,544,946	94.7	47	117,238,278	95.3	48
1931	117,455,229	94.7	47	118,148,987	95.3	48
1932	118,903,899	95.2	48	118,903,899	95.2	48
1933	125,578,763	100.0	49	125,578,763	100.0	49

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report Vital Statistics of the United States.

No. 66.—Percent Completeness of Birth Registration, Births Corrected For Underregistration, and Rates Per 1,000 Population, by Race, for the United States: 1935 to 1948

Year	Percent completeness of birth registration			Live births corrected for underregistration					
				Number (in thousands)			Rate [1]		
	All races	White	Nonwhite	All races	White	Nonwhite	All races	White	Nonwhite
1935	90 5	92.5	78 7	2,382	2,039	343	18 7	17.8	26.5
1936	91.1	92.8	80 2	2,355	2,027	328	18 4	17.6	25.1
1937	91 3	93.1	80.4	2,413	2,071	342	18 7	17 9	26.0
1938	91.6	93.4	80 8	2,496	2,148	348	19 2	18.4	26.3
1939	91 9	93.6	81.1	2,466	2,117	349	18 8	18.0	26.1
1940	92.3	94 0	81.3	2,558	2,198	360	19.4	18.6	26.7
1941	92.8	94.5	81.6	2,710	2,332	378	20.3	19.5	27.7
1942	93 5	95.3	81.9	3,003	2,610	393	22.3	21.6	28.3
1943	93.9	95.6	82.3	3,127	2,714	413	22.9	22.2	29.3
1944	94.1	96.0	82.7	2,969	2,558	411	21 5	20.7	28.7
1945	94.5	96 3	83.3	2,894	2,486	408	20.7	19.9	28.0
1946	95.1	96.7	84 4	3,458	3,013	445	24 5	23 8	30.1
1947	95 5	97.0	85.3	3,876	3,377	499	27.0	26.3	33.1
1948	95.5	97.1	85.9	3,702	3,173	529	25.3	24.3	34.3

[1] For 1940–46, based on population including armed forces overseas; for 1947 and 1948, based on population excluding armed forces overseas.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics, annual report, Vital Statistics of the United States.

No. 67.—Percent Completeness of Birth Registration, by Race and by States: Dec. 1, 1939, to Mar. 31, 1940

[Data obtained by matching special infant cards for all infants stated in the 1940 Census to have been born during period Dec. 1, 1939, to Mar. 31, 1940, with birth certificates for children born during this period. For further details, see *Studies in Completeness of Birth Registration, Part I*, Vital Statistics—Special Reports, Vol. 17, No. 18, p. 223. Data are by place of occurrence]

State	All races	White	Nonwhite	State	All races	White	Nonwhite
United States	**92.5**	**94.0**	**82.0**	Montana	97.6	98.0	91.1
				Nebraska	96.9	97.0	93.1
Alabama	[1] 85.0	86.4	82.4	Nevada	96.2	97.5	[2] 80.9
Arizona	84.4	93.8	48.4	New Hampshire	98.7	98.6	[2] 100.0
Arkansas	75 9	79.6	63.2				
California	98.0	98.1	96.5	New Jersey	99.0	99.0	98.7
				New Mexico	86.4	91.2	40.3
Colorado	89.8	89.8	[2] 90.4	New York	[3] 98.7	98.8	96.3
Connecticut	99.4	99.4	97.9	North Carolina	86.1	88.4	81.0
Delaware	97.4	97.2	98.6				
District of Columbia	97.9	98.5	96.6	North Dakota	94.7	94.6	95.2
				Ohio	95.2	95.3	93.7
Florida	89.9	91.3	86.4	Oklahoma	84.8	87.0	66.9
Georgia	81.3	83.6	77.6	Oregon	97.1	97.3	[2] 84.1
Idaho	95.0	95.1	[2] 79.3				
Illinois	96.9	97.3	90.6	Pennsylvania	97.0	97.2	92.9
				Rhode Island	98.8	98.8	[2] 100.0
Indiana	96.5	96.6	94.0	South Carolina	77.6	82.7	71.8
Iowa	94.6	94.7	[2] 90.1	South Dakota	95.4	96.6	79.8
Kansas	95.5	95.6	92.9				
Kentucky	89.2	89.2	87.6	Tennessee	80.4	81.4	75.1
				Texas	86.5	89.3	68.7
Louisiana	86.1	87.7	83.7	Utah	96.6	97.1	[2] 59.6
Maine	96.1	96.3	[2] 63.2	Vermont	97.3	97.3	[2] 100.0
Maryland	97.1	97.8	94.1				
Massachusetts	98.9	98.9	98.0	Virginia	91.9	92.5	90.2
				Washington	97.8	98.0	88.7
Michigan	97.8	97.9	94.0	West Virginia	86.5	86.7	81.3
Minnesota	99.3	99.3	97.2	Wisconsin	96.9	96.9	93.2
Mississippi	89.8	93.8	86.2	Wyoming	95.6	95.9	[2] 85.4
Missouri	90.2	90.7	82.7				

[1] Results of a field investigation in Jefferson County, received too late for inclusion, change the percentage completeness from 85.0 to 85.2 percent.

[2] Percentage is based on fewer than 100 records.

[3] Results of a field investigation in New York State (exclusive of New York City), received too late for inclusion, raise the percentage completeness from 98.7 to 98.9 percent.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; Vital Statistics—Special Reports, Vol. 17, No. 18.

No. 68.—Births and Birth Rates Per 1,000 Population, by Race, and Births by Sex, for Birth-Registration States: 1920 to 1948

[For total births, see table 64, p. 63. See also *Historical Statistics*, series C 25 and C 26]

Year	Births by race				Births by sex		Male births per 1,000 female births
	Number		Rate [1]		Male	Female	
	White	Nonwhite	White	Nonwhite			
1920	1,395,523	113,351	23.5	27.0	775,322	733,552	1,057
1925	1,731,669	147,211	21.0	25.4	966,973	911,907	1,060
1930	1,953,163	250,795	18.6	21.6	1,131,976	1,071,982	1,056
1935	1,888,012	267,093	16.5	20.6	1,105,489	1,049,616	1,053
1940	2,067,953	292,446	17.5	21.7	1,211,684	1,148,715	1,055
1941	2,204,903	308,524	18.5	22.6	1,289,734	1,223,693	1,054
1942	2,486,934	322,062	20.6	23.2	1,444,365	1,364,631	1,058
1943	2,594,763	340,097	21.2	24.1	1,506,959	1,427,901	1,055
1944	2,454,700	340,100	19.8	23.7	1,435,301	1,359,499	1,056
1945	2,395,563	339,893	19.2	23.3	1,404,587	1,330,869	1,055
1946	2,913,645	375,027	23.0	25.3	1,691,220	1,597,452	1,059
1947	3,274,620	425,320	25.5	28.2	1,899,876	1,800,064	1,055
1948	3,080,316	454,752	23.6	29.5	1,813,852	1,721,216	1,054

[1] For 1940–46, based on population including armed forces overseas; for 1947–48 based on population excluding armed forces overseas.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics. Basic figures are published in annual reports as follows: 1920, Birth Statistics; 1925–35, Birth, Stillbirth, and Infant Mortality Statistics, 1940–48, Vital Statistics of the United States.

No. 69.—Births by Person in Attendance: 1935 to 1948

Year	Number attended by—			Percent attended by—		
	Physician in hospital [1]	Physician not in hospital	Midwife, other, and not specified	Physician in hospital [1]	Physician not in hospital	Midwife, other, and not specified
1935	795,629	1,089,832	269,644	36.9	50.6	12.5
1940	1,316,768	825,271	218,360	55.8	35.0	9.3
1941	1,537,719	759,986	215,722	61.2	30.2	8.6
1942	1,906,833	693,921	208,242	67.9	24.7	7.4
1943	2,115,582	615,754	203,524	72.1	21.0	6.9
1944	2,112,963	493,463	188,374	75.6	17.7	6.7
1945	2,155,594	402,890	176,972	78.8	14.7	6.5
1946	2,708,223	402,759	177,690	82.4	12.2	5.4
1947	3,136,930	375,407	187,603	84.8	10.1	5.1
1948	3,025,206	323,434	186,428	85.6	9.1	5.3

[1] It is assumed that all births in hospitals or institutions are attended by physicians.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, Vital Statistics of the United States.

No. 70.—Birth Rates per 1,000 Female Population, by Age of Mother, for Birth-Registration States: 1920 to 1948

[For 1920, 1925, and 1930, excludes Maine as well as States not in registration areas; for 1935–48, includes entire continental U. S. For coverage of registration areas, see table 65. See also *Historical Statistics*, series C 28–35]

Age of mother	1920	1925	1930	1935	1940	1945	1946	1947	1948
15–44 years [1]	101.0	90.3	79.3	70.0	73.5	82.2	98.3	110.1	104.8
White	100.6	89.6	78.8	68.9	72.3	81.0	97.9	109.6	102.8
Nonwhite	107.2	98.9	83.2	78.7	83.1	92.4	101.3	114.2	121.5
10 to 14	.3	.4	.5	.5	.6	.7	.7	.8	5.9
15 to 19	48.5	50.1	49.1	44.7	48.9	48.8	56.9	76.7	79.7
20 to 24	151.8	134.7	124.9	114.7	125.0	130.1	171.7	200.1	192.8
25 to 29	150.5	131.1	117.3	107.0	114.1	128.4	157.3	172.3	160.3
30 to 34	115.5	103.9	87.7	73.5	77.1	94.7	103.6	107.5	100.3
35 to 39	78.4	69.3	56.1	45.4	41.8	54.6	56.7	57.3	53.3
40 to 44	31.1	27.2	21.8	17.6	13.9	15.5	15.6	15.9	15.1
45 to 49	3.8	3.0	2.4	1.9	1.3	1.3	1.2	1.2	1.1

[1] Rates for age group 15 to 44 years computed by relating total births, regardless of age of mother (including age "Not stated" and ages 50 and over), to female population 15 to 44 years. Figures for age "Not stated" have not been distributed among the specified age groups.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; Vital Statistics—Special Reports, Vol. 34, No. 1.

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No. 71.—Births and Birth Rates Per 1,000 Population, by States: 1940 to 1948

[**By place of residence.** See also *Historical Statistics*, series C 24]

State	Number of births					Rate per 1,000 population [1]				
	1940	1945	1946	1947	1948	1940	1945	1946	1947	1948
United States	**2,360,399**	**2,735,456**	**3,288,672**	**3,699,940**	**3,535,068**	**17.9**	**19.6**	**23.3**	**25.8**	**24.2**
Alabama	62,938	70,321	79,863	88,116	85,372	22.3	26.9	28.8	31.1	29.4
Arizona	11,503	13,348	16,345	19,153	19,195	22.8	25.2	27.7	29.7	27.3
Arkansas	38,473	39,628	45,280	48,983	48,036	19.7	22.5	24.2	25.6	24.8
California	112,287	184,380	218,484	245,889	240,702	16.2	22.0	23.6	25.1	23.2
Colorado	21,034	23,511	29,518	32,874	33,010	18.6	23.3	26.9	28.7	27.5
Connecticut	25,548	33,765	41,457	45,581	42,229	15.0	19.5	21.7	23.1	21.2
Delaware	4,551	5,984	6,802	7,717	7,254	17.0	22.8	24.3	26.5	24.2
District of Columbia	11,228	16,141	18,601	21,686	20,815	16.7	19.6	22.8	25.2	24.1
Florida	33,799	47,791	53,688	59,807	59,600	17.8	24.3	24.7	25.7	24.5
Georgia	64,757	74,852	85,667	94,944	92,694	21.0	26.3	27.7	30.3	29.3
Idaho	11,789	11,501	13,787	16,265	16,132	22.3	23.9	26.4	31.0	27.5
Illinois	124,615	138,705	174,825	196,007	184,871	15.8	18.9	22.1	23.3	22.1
Indiana	61,660	68,444	85,515	96,359	92,529	18.0	19.9	23.0	25.1	23.6
Iowa	44,854	44,934	56,186	63,858	60,575	17.7	18.9	22.0	24.6	23.2
Kansas	28,885	33,624	39,751	44,535	42,714	16.1	19.7	21.5	23.1	22.5
Kentucky	63,768	60,892	72,542	79,987	77,176	22.4	24.3	26.9	28.8	27.0
Louisiana	50,848	57,838	68,670	74,630	73,312	21.5	25.2	27.7	29.3	28.3
Maine	15,222	16,687	20,326	23,873	22,071	18.0	21.2	23.6	27.0	24.6
Maryland	32,365	42,791	50,347	56,687	53,423	17.8	22.9	24.6	26.5	24.8
Massachusetts	65,551	77,064	94,288	107,791	97,389	15.2	18.9	21.0	23.3	21.0
Michigan	99,021	112,655	139,277	161,085	154,730	18.8	20.9	23.8	26.5	24.9
Minnesota	52,915	54,656	67,266	75,577	72,780	18.9	20.9	23.8	26.2	24.8
Mississippi	52,732	54,263	61,690	66,450	65,303	24.2	26.6	30.2	31.7	30.9
Missouri	61,479	65,659	80,684	90,060	85,258	16.2	18.6	21.1	23.1	21.9
Montana	11,556	10,601	12,858	15,086	15,035	20.6	24.0	27.0	30.9	29.4
Nebraska	22,029	24,128	28,052	32,132	31,176	16.8	20.3	21.9	25.0	24.3
Nevada	2,109	2,851	3,283	4,041	3,694	18.8	24.6	25.1	29.1	22.5
New Hampshire	8,329	8,338	11,092	13,267	12,423	17.0	18.1	22.0	24.8	23.8
New Jersey	59,814	77,338	95,218	106,242	97,580	14.4	19.3	21.5	23.0	20.5
New Mexico	14,792	15,306	18,087	20,322	20,519	27.6	32.6	35.1	37.2	35.9
New York	196,088	234,754	286,546	323,250	301,966	14.6	18.6	20.8	22.8	21.2
North Carolina	80,455	87,401	100,679	112,877	109,430	22.5	26.2	28.0	30.5	28.8
North Dakota	13,135	13,147	15,264	17,064	16,584	20.6	25.8	28.5	31.5	28.5
Ohio	114,663	132,496	169,600	197,311	186,353	16.6	19.4	22.7	25.7	23.8
Oklahoma	44,887	43,165	50,416	53,684	50,386	19.4	20.5	22.1	23.5	22.0
Oregon	17,623	24,140	30,076	36,294	35,206	16.0	18.6	21.0	23.5	21.5
Pennsylvania	165,456	173,799	218,376	248,513	227,227	16.7	18.7	21.4	23.6	21.7
Rhode Island	10,830	13,635	16,761	18,536	16,861	15.3	20.2	22.9	24.9	22.6
South Carolina	44,612	49,431	53,963	59,470	57,759	23.7	27.5	28.8	30.5	29.1
South Dakota	12,054	12,460	14,580	16,539	16,405	18.9	24.4	26.5	28.6	26.8
Tennessee	55,242	64,966	77,336	86,619	82,127	18.8	23.5	25.8	28.0	25.8
Texas	127,072	157,915	181,579	198,662	197,750	19.8	25.2	26.6	28.0	26.8
Utah	13,347	15,680	18,220	21,724	20,714	24.1	27.4	29.3	33.9	30.9
Vermont	6,942	6,873	8,362	9,708	9,369	19.4	21.1	23.8	26.5	25.8
Virginia	57,014	67,068	75,861	85,740	82,057	21.2	25.2	26.3	28.6	26.9
Washington	28,159	44,573	51,988	58,481	55,833	16.2	21.9	23.6	24.8	22.7
West Virginia	42,289	39,039	48,673	55,085	52,396	22.1	23.1	26.6	29.3	27.4
Wisconsin	54,891	61,437	74,755	84,059	81,630	17.5	21.1	23.7	25.9	24.7
Wyoming	5,189	5,481	6,188	7,320	7,418	20.7	22.8	23.8	27.6	26.0

[1] For 1940, 1945–46, rates for the United States based on population including armed forces overseas; rates for States based on civilian population in area. United States rates on civilian population base were: 17.9 (1940); 21.5 (1945); 23.8 (1946). For 1947–48, rates for the United States and States based on total population present in area (excluding armed forces overseas).

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; Vital Statistics—Special Reports, Vol. 35, No. 1.

No. 72.—Births by Race, for Urban and Rural Areas, by States: 1948

[By place of residence. For total births by States, see table 71]

STATE	TOTAL		URBAN [1]			RURAL [1]		
	White	Non-white	All races	White	Non-white	All races	White	Non-white
United States	**3,080,316**	**454,752**	**2,094,018**	**1,842,204**	**251,814**	**1,441,050**	**1,238,112**	**202,938**
Alabama	53,817	31,555	31,332	19,731	11,601	54,040	34,086	19,954
Arizona	17,035	2,160	11,258	10,617	641	7,937	6,418	1,519
Arkansas	36,224	11,812	15,172	11,993	3,179	32,864	24,231	8,633
California	221,598	19,104	174,220	158,359	15,861	66,482	63,239	3,243
Colorado	32,443	567	20,355	19,890	465	12,655	12,553	102
Connecticut	40,723	1,506	28,531	27,143	1,388	13,698	13,580	118
Delaware	6,087	1,167	3,790	3,193	597	3,464	2,894	570
Dist. of Columbia	12,749	8,066	20,815	12,749	8,066	----------	----------	----------
Florida	43,261	16,339	34,515	24,957	9,558	25,085	18,304	6,781
Georgia	59,240	33,454	36,801	24,048	12,753	55,893	35,192	20,701
Idaho	15,925	207	7,365	7,307	58	8,767	8,618	149
Illinois	167,641	17,230	140,142	123,541	16,601	44,729	44,100	629
Indiana	87,875	4,654	55,890	51,363	4,527	36,639	36,512	127
Iowa	60,064	511	29,321	28,850	471	31,254	31,214	40
Kansas	40,868	1,846	23,289	21,630	1,659	19,425	19,238	187
Kentucky	72,366	4,810	25,433	22,423	3,010	51,743	49,943	1,800
Louisiana	44,814	28,498	35,141	22,296	12,845	38,171	22,518	15,653
Maine	22,038	33	8,496	8,474	22	13,575	13,564	11
Maryland	42,130	11,293	29,404	21,819	7,585	24,019	20,311	3,708
Massachusetts	95,405	1,984	86,011	84,104	1,907	11,378	11,301	77
Michigan	142,845	11,885	103,823	92,612	11,211	50,907	50,233	674
Minnesota	72,030	750	40,654	40,285	369	32,126	31,745	381
Mississippi	29,811	35,492	17,049	9,953	7,096	48,254	19,858	28,396
Missouri	77,942	7,316	49,395	43,240	6,155	35,863	34,702	1,161
Montana	14,242	793	7,454	7,383	71	7,581	6,859	722
Nebraska	30,495	681	15,019	14,479	540	16,157	16,016	141
Nevada	3,448	246	1,826	1,735	91	1,868	1,713	155
New Hampshire	12,406	17	7,140	7,126	14	5,283	5,280	3
New Jersey	88,894	8,686	76,986	69,581	7,405	20,594	19,313	1,281
New Mexico	19,127	1,392	8,776	8,522	254	11,743	10,605	1,138
New York	277,362	24,604	241,930	218,171	23,759	60,036	59,191	845
North Carolina	74,582	34,848	32,160	22,598	9,562	77,270	51,984	25,286
North Dakota	16,218	366	4,776	4,747	29	11,808	11,471	337
Ohio	172,843	13,510	129,375	116,782	12,593	56,978	56,061	917
Oklahoma	44,769	5,617	25,689	22,951	2,738	24,697	21,818	2,879
Oregon	34,581	625	18,921	18,588	333	16,285	15,993	292
Pennsylvania	210,781	16,446	153,161	137,796	15,365	74,066	72,985	1,081
Rhode Island	16,445	416	14,981	14,592	389	1,880	1,853	27
South Carolina	31,688	26,071	19,346	13,501	5,845	38,413	18,187	20,226
South Dakota	15,700	705	5,853	5,772	81	10,552	9,928	624
Tennessee	67,558	14,569	33,230	24,733	8,497	48,897	42,825	6,072
Texas	172,004	25,746	124,652	109,102	15,550	73,098	62,902	10,196
Utah	20,385	329	12,140	11,973	167	8,574	8,412	162
Vermont	9,366	3	3,478	3,478	----------	5,891	5,888	3
Virginia	61,049	21,008	30,978	22,891	8,087	51,079	38,158	12,921
Washington	54,013	1,820	33,769	32,470	1,299	22,064	21,543	521
West Virginia	49,608	2,788	15,588	14,764	824	36,808	34,844	1,964
Wisconsin	80,595	1,035	44,924	44,272	652	36,706	36,323	383
Wyoming	7,226	192	3,664	3,620	44	3,754	3,606	148

[1] "Urban" includes urban places having populations of 2,500 or more, according to 1940 population census; "rural" includes all other areas.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, Vital Statistics of the United States.

No. 73.—Births by Person in Attendance, by States: 1948

[By place of residence. For total births by States, see table 71]

State	Number attended by—				Percent attended by—			
	Physician (in hospital) [1]	Physician (not in hospital)	Midwife	Other and not specified	Physician (in hospital) [1]	Physician (not in hospital)	Midwife	Other and not specified
United States	**3,025,206**	**323,434**	**156,564**	[2] **29,864**	**85.6**	**9.1**	**4.4**	[2] **0.8**
Alabama	48,310	17,838	18,798	426	56.6	20.9	22.0	.5
Arizona	17,269	1,013	550	363	90.0	5.3	2.9	1.9
Arkansas	28,579	11,594	7,256	607	59.5	24.1	15.1	1.3
California	235,566	4,059	408	669	97.9	1.7	.2	.3
Colorado	30,420	2,195	226	169	92.2	6.6	.7	.5
Connecticut	41,718	498	3	10	98.8	1.2	(3)	(3)
Delaware	6,541	309	298	106	90.2	4.3	4.1	1.5
District of Columbia	20,574	235	5	1	98.8	1.1	(3)	(3)
Florida	45,740	5,121	8,552	187	76.7	8.6	14.3	.3
Georgia	61,004	11,261	17,606	[4] 2,823	65.8	12.1	19.0	[4] 3.0
Idaho	15,818	276	5	33	98.1	1.7	(3)	.2
Illinois	174,882	9,623	103	263	94.6	5.2	.1	.1
Indiana	84,013	8,076	50	390	90.8	8.7	.1	.4
Iowa	57,792	2,685	12	86	95.4	4.4	(3)	.1
Kansas	39,993	2,553	10	158	93.6	6.0	(3)	.4
Kentucky	45,032	26,067	3,497	[4] 2,580	58.3	33.8	4.5	[4] 3.3
Louisiana	56,745	5,539	10,969	59	77.4	7.6	15.0	.1
Maine	19,913	2,111	6	41	90.2	9.6	(3)	.2
Maryland	44,722	6,522	2,130	49	83.7	12.2	4.0	.1
Massachusetts	95,535	1,803	3	48	98.1	1.9	(3)	(3)
Michigan	148,242	6,264	78	146	95.8	4.0	.1	.1
Minnesota	70,788	1,870	52	70	97.3	2.6	.1	.1
Mississippi	28,040	11,881	12,225	[4] 13,157	42.9	18.2	18.7	[4] 20.1
Missouri	70,307	13,573	908	470	82.5	15.9	1.1	.6
Montana	14,701	271	34	29	97.8	1.8	.2	.2
Nebraska	29,733	1,431	1	11	95.4	4.6	(3)	(3)
Nevada	3,615	63	2	14	97.9	1.7	.1	.4
New Hampshire	12,208	210	----------	5	98.3	1.7	----------	(3)
New Jersey	94,481	2,656	393	50	96.8	2.7	.4	.1
New Mexico	13,673	3,730	2,444	672	66.6	18.2	11.9	3.3
New York	295,315	6,009	326	316	97.8	2.0	.1	.1
North Carolina	73,171	22,320	13,822	117	66.9	20.4	12.6	.1
North Dakota	15,711	776	8	89	94.7	4.7	(3)	.5
Ohio	174,465	11,591	51	246	93.6	6.2	(3)	.1
Oklahoma	41,649	7,321	1,016	400	82.7	14.5	2.0	.8
Oregon	34,791	338	4	73	98.8	1.0	(3)	.2
Pennsylvania	207,755	19,233	182	57	91.4	8.5	.1	(3)
Rhode Island	16,563	263	9	26	98.2	1.6	.1	.2
South Carolina	30,310	10,527	16,816	106	52.5	18.2	29.1	.2
South Dakota	15,300	989	41	75	93.3	6.0	.2	.5
Tennessee	56,336	19,239	4,939	1,613	68.6	23.4	6.0	2.0
Texas	149,168	25,515	21,168	1,899	75.4	12.9	10.7	1.0
Utah	20,312	378	5	19	98.1	1.8	(3)	.1
Vermont	8,580	785	----------	4	91.6	8.4	----------	(3)
Virginia	56,527	14,788	10,468	274	68.9	18.0	12.8	.3
Washington	55,143	588	14	88	98.8	1.1	(3)	.2
West Virginia	32,338	18,377	1,030	651	61.7	35.1	2.0	1.2
Wisconsin	78,740	2,743	41	106	96.5	3.4	.1	.1
Wyoming	7,078	327	----------	13	95.4	4.4	----------	.2

[1] It is assumed that all births in hospitals or institutions are attended by physicians.

[2] Births classified as attended by "Other and not specified" persons form a somewhat greater proportion of the total births in 1948 than in former years because of special problems in coding the person-in-attendance item in Georgia, Kentucky, and Mississippi. The greater majority of the "Other and not specified" attendants in these States are believed to be midwives.

[3] Less than 0.05 percent.

[4] See footnote 2.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; Vital Statistics—Special Reports, Vol. 35, No. 7.

No. 74.—Births and Deaths, by Place of Occurrence and by Place of Residence, for Each City Having in 1940, a Population of 100,000 or More: 1948

[Differences between births (or deaths) by place of occurrence and by place of residence may be illustrated as follows: Total number of births occurring in Akron (including births to mothers whose usual residence was elsewhere) was 9,538, whereas total number of births to mothers whose usual residence was in Akron (including births occurring elsewhere) was 7,446]

City	Births		Deaths		City	Births		Deaths	
	Place of occurrence	Place of residence	Place of occurrence	Place of residence		Place of occurrence	Place of residence	Place of occurrence	Place of residence
Akron	9,538	7,446	2,378	2,294	Minneapolis	17,097	12,809	5,583	5,009
Albany	4,517	3,059	2,041	1,795	Nashville	7,172	6,232	2,556	2,142
Atlanta	13,813	8,429	4,033	3,541	Newark, N. J	13,624	9,597	5,089	4,816
Baltimore	28,899	22,352	11,510	10,874	New Bedford	2,093	2,229	1,307	1,313
Birmingham	10,368	8,287	3,368	3,021	New Haven	5,836	3,539	2,232	1,882
Boston	21,238	17,208	11,387	9,972	New Orleans	20,611	14,814	7,398	6,093
Bridgeport	5,095	3,453	1,864	1,734	New York [1]	157,930	154,064	81,636	82,323
Buffalo	17,175	12,648	7,170	6,474	Norfolk	6,030	4,234	2,012	1,898
Cambridge	3,785	2,905	1,575	1,607	Oakland	14,037	9,155	4,685	4,199
Camden	5,577	2,815	1,692	1,305	Oklahoma City	7,580	6,063	2,398	1,957
Canton	4,984	3,423	1,318	1,237	Omaha	7,384	6,014	2,923	2,542
Charlotte	5,626	3,261	1,360	1,032	Paterson	5,335	2,778	1,913	1,551
Chattanooga	5,607	3,975	1,911	1,553	Peoria	4,782	2,556	1,439	1,141
Chicago	77,434	78,447	37,878	39,078	Philadelphia	48,178	43,864	24,605	23,843
Cincinnati	16,072	11,687	7,284	6,575	Pittsburgh	22,943	17,763	8,682	7,618
Cleveland	27,138	22,693	10,348	9,883	Portland	12,201	9,770	4,706	4,403
Columbus	13,145	8,934	4,668	3,978	Providence	10,364	5,473	3,191	2,832
Dallas	13,876	10,126	3,911	3,273	Reading	1,982	2,192	1,259	1,350
Dayton	11,516	9,009	2,995	2,820	Richmond	8,566	5,415	3,119	2,604
Denver	13,746	10,337	4,786	4,201	Rochester	10,780	7,424	4,045	3,631
Des Moines	6,038	4,459	2,364	1,900	Sacramento	6,933	3,246	2,100	1,704
Detroit	48,998	43,176	15,008	14,970	St. Louis	25,824	19,659	11,433	10,364
Duluth	3,136	2,386	1,265	1,141	St. Paul	10,121	8,221	3,440	3,139
Elizabeth	3,818	2,383	1,252	1,161	Salt Lake City	7,669	5,373	1,995	1,543
Erie	4,584	3,493	1,481	1,346	San Antonio	14,269	13,655	4,215	4,007
Fall River	3,241	2,497	1,510	1,430	San Diego	9,714	8,488	3,075	2,761
Flint	6,725	4,141	1,447	1,320	San Francisco	19,229	16,315	9,890	9,354
Fort Wayne	4,806	3,506	1,532	1,342	Scranton	4,006	2,561	1,752	1,516
Fort Worth	8,269	7,306	2,498	2,369	Seattle	14,924	13,447	5,586	5,334
Gary	4,812	3,904	1,273	1,240	Somerville	1,621	2,442	941	1,120
Grand Rapids	5,826	4,679	1,900	1,855	South Bend	3,939	3,127	1,125	1,053
Hartford	8,297	4,065	2,239	1,806	Spokane	5,840	4,054	1,967	1,680
Houston	17,450	16,257	5,297	5,133	Springfield, Mass	5,310	3,865	1,944	1,742
Indianapolis	12,347	10,969	5,529	4,929	Syracuse	7,977	4,563	2,542	2,188
Jacksonville	7,088	5,860	2,381	2,223	Tacoma	4,706	3,511	1,846	1,709
Jersey City	10,370	6,601	3,619	3,239	Tampa	4,100	4,225	1,567	1,570
Kansas City, Kans	3,968	3,487	1,566	1,367	Toledo	10,534	8,027	4,213	3,930
Kansas City, Mo	12,664	9,432	5,404	5,086	Trenton	5,096	2,727	1,873	1,561
Knoxville	5,413	3,319	1,559	1,169	Tulsa	5,684	4,173	1,718	1,562
Long Beach	7,732	5,896	2,220	2,522	Utica	3,562	2,291	1,546	1,420
Los Angeles	37,540	45,365	20,933	20,702	Washington, D. C	27,479	20,815	8,388	8,197
Louisville	12,969	10,395	4,698	4,357	Wichita	5,552	4,848	1,567	1,403
Lowell	3,063	2,308	1,371	1,300	Wilmington	5,155	2,782	1,603	1,373
Memphis	12,019	8,408	4,292	3,355	Worcester	5,704	4,102	2,756	2,544
Miami	5,836	4,969	2,363	2,341	Yonkers	3,110	2,864	1,401	1,423
Milwaukee	19,001	14,398	5,766	6,164	Youngstown	6,155	4,344	2,076	1,908

[1] Represents 5 boroughs.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, Vital Statistics of the United States.

No. 75.—Births and Deaths in Alaska, 1945 to 1947, and in Hawaii, Puerto Rico, and the Virgin Islands, 1940 to 1947

[Birth rates based on civilian population present in area; death rates based on total population present in area]

Territory or possession and year	Births		Deaths		Deaths under 1 year	
	Number	Rate per 1,000 population	Number	Rate per 1,000 population	Number	Rate per 1,000 live births
Alaska:						
1945	1,829	----------	1,213	----------	138	75.5
1946	2,271	----------	1,227	----------	161	70.9
1947	2,701	----------	1,165	----------	172	63.7
Hawaii:						
1940	9,414	23.6	3,089	7.2	421	44.7
1945	12,305	25.5	3,396	4.2	336	27.3
1946	12,808	26.0	3,229	5.9	385	30.1
1947	14,592	26.8	3,219	5.9	452	31.0
Puerto Rico:						
1940	----------	----------	34,468	18.3	8,221	----------
1945	86,680	42.5	28,837	13.9	8,064	93.0
1946	88,421	42.4	27,517	13.1	7,397	83.7
1947	91,305	42.5	25,407	11.8	6,527	71.5
Virgin Islands:						
1940	756	30.7	553	22.4	103	136.2
1945	984	37.6	401	15.0	122	124.0
1946	917	34.1	408	15.1	84	91.6
1947	876	32.2	394	14.5	178	89.0

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; Vital Statistics—Special Reports, Vol. 30, Nos. 51–54.

No. 76.—Death Rates Per 1,000 Population, by Race and Sex: Death-Registration States, 1900 to 1948

[For coverage of registration areas, see table 65, p. 63. See also *Historical Statistics*, series C 45–51]

Year	Total			White			Nonwhite		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1900	17.2	17.9	16.5	17.0	17.7	16.3	25.0	25.7	24.4
1905	15.9	16.7	15.0	15.7	16.5	14.8	25.5	26.8	24.3
1910	14.7	15.6	13.7	14.5	15.4	13.6	21.7	22.3	21.0
1915	13 2	14.0	12.3	12.9	13.7	12.0	20.2	20.8	19.5
1920	13.0	13.4	12.6	12.6	13.0	12 1	17.7	17.8	17.5
1925	11.7	12.4	10.9	11.1	11.8	10.4	17.4	18.2	16.6
1930	11.3	12.3	10.4	10.8	11.7	9.8	16.3	17.4	15.3
1935	10.9	12.0	9.9	10.6	11.6	9.5	14.3	15.6	13.0
1940 [1]	10.7	12.0	9.5	10.4	11.6	9.2	13.8	15.1	12.5
1945 [1]	10.6	12.7	8.8	10.4	12.5	8.6	12.0	13.9	10.4
1946 [1]	10.0	11.4	8.6	9.8	11.3	8.5	11.1	12.3	9.9
1947 [1]	10.1	11.5	8.7	9.9	11.4	8.5	11.3	12.5	10.2
1948 [1]	9.9	11.3	8.5	9.7	11.2	8.3	11.3	12.6	10.0

[1] Based on population excluding armed forces overseas.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, Vital Statistics of the United States.

No. 77.—Death Rates Per 1,000 Population, by Age: Death-Registration States, 1900 to 1948

[For coverage of registration areas; see table 65, p. 63. See also *Historical Statistics*, series C 52 and C 65-76]

AGE	1900	1910	1920	1930	1940 [1]	1944 [1]	1945 [1]	1946 [1]	1947 [1]	1948 [1]
Total [2] (unadjusted)	**17.2**	**14.7**	**13.0**	**11.3**	**10.7**	**10.6**	**10.6**	**10.0**	**10.1**	**9.9**
Adjusted for age [3]	**17.8**	**15.8**	**14.2**	**12.5**	**10.7**	**9.8**	**9.6**	**9.3**	**9.1**	**9.0**
Under 1 year	162.4	131.8	92.3	69.0	54.8	43.3	41.7	45.3	33.8	35.0
1–4 years	19.8	14.0	9.9	5.6	2.9	2.3	2.0	1.8	1.6	1.6
5–14 years	3.9	2.9	2.6	1.7	1.0	.9	.9	.8	.7	.7
15–24 years	5.9	4.5	4.9	3.3	2.0	2.0	1.9	1.7	1.5	1.4
25–34 years	8.2	6.5	6.8	4.7	3.1	2.7	2.7	2.3	2.1	2.0
35–44 years	10.2	9.0	8.1	6.8	5.2	4.7	4.6	4.2	4.1	4.0
45–54 years	15.0	13.7	12.2	12.2	10.6	9.8	9.7	9.3	9.3	9.0
55–64 years	27.2	26.2	23.6	24.0	22.0	20.6	20.3	19.5	19.8	19.4
65–74 years	56.4	55.6	52.5	51.4	48.2	45.5	44.5	43.4	44.6	44.0
75–84 years	123.3	122.2	118.9	112.7	110.9	102.7	99.5	96.1	98.1	96.3
85 years and over	260.9	250.3	248.3	228.0	230.1	223.3	222.5	228.6	243.1	247.1

[1] Based on population excluding armed forces overseas.
[2] Includes deaths for which age was not stated.
[3] Adjusted for age by the direct method using as the standard population the age distribution of the population of the United States as enumerated in 1940.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, Vital Statistics of the United States.

No. 78.—Deaths and Death Rates Per 1,000 Population, By Age, Race, and Sex: 1948

AGE	TOTAL			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
	NUMBER OF DEATHS								
Total [1]	**1,444,337**	**820,931**	**623,406**	**1,270,589**	**725,818**	**544,771**	**173,748**	**95,113**	**78,635**
Under 1 year	113,169	65,151	48,018	92,034	53,297	38,737	21,135	11,854	9,281
1–4 years	18,815	10,419	8,396	15,230	8,538	6,692	3,585	1,881	1,704
5–14 years	15,763	9,442	6,321	12,984	7,957	5,027	2,779	1,485	1,294
15–24 years	32,365	20,266	12,099	24,600	16,191	8,409	7,765	4,075	3,690
25–34 years	45,677	26,598	19,079	33,919	20,459	13,460	11,758	6,139	5,619
35–44 years	81,103	47,608	33,495	62,252	37,718	24,534	18,851	9,890	8,961
45–54 years	153,904	96,030	57,874	124,955	80,004	44,951	28,949	16,026	12,923
55–64 years	253,063	158,671	94,392	222,342	141,259	81,083	30,721	17,412	13,309
65–74 years	329,911	189,281	140,630	302,602	174,043	128,559	27,309	15,238	12,071
75–84 years	289,297	148,094	141,203	274,545	139,924	134,621	14,752	8,170	6,582
85 years and over	110,204	48,678	61,526	104,389	45,931	58,458	5,815	2,747	3,068
	RATE PER 1,000 POPULATION [2]								
Total [1]	**9.9**	**11.3**	**8.5**	**9.7**	**11.2**	**8.3**	**11.3**	**12.6**	**10.0**
Under 1 year	35.0	39.4	30.4	32.2	36.4	27.8	56.5	63.1	49.9
1–4 years	1.6	1.7	1.4	1.5	1.6	1.3	2.4	2.6	2.3
5–14 years	.7	.8	.5	.6	.8	.5	.9	.9	.8
15–24 years	1.4	1.8	1.1	1.2	1.6	.8	2.9	3.1	2.7
25–34 years	2.0	2.4	1.6	1.6	2.0	1.3	4.8	5.4	4.3
35–44 years	4.0	4.8	3.2	3.4	4.2	2.6	9.3	10.3	8.4
45–54 years	9.0	11.4	6.8	8.1	10.4	5.8	18.5	21.1	16.0
55–64 years	19.4	24.2	14.5	18.3	23.3	13.4	32.4	36.1	28.6
65–74 years	44.0	52.1	36.4	43.2	51.5	35.4	56.0	60.5	51.1
75–84 years	96.3	107.0	87.1	97.9	108.7	88.8	73.0	84.2	62.7
85 years and over	247.1	254.9	241.3	267.0	271.8	263.3	105.7	124.9	93.0

[1] Includes deaths for which age was not stated.
[2] Based on population excluding armed forces overseas.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; Vital Statistics—Special Reports, Vol. 34, No. 1.

No. 79.—Deaths and Death Rates Per 1,000 Population, by States: 1940 to 1948

[By place of residence. See also *Historical Statistics*, series C 45]

STATE	NUMBER OF DEATHS					RATE PER 1,000 POPULATION [1]				
	1940	1945	1946	1947	1948	1940	1945	1946	1947	1948
United States	**1,417,269**	**1,401,719**	**1,395,617**	**1,445,370**	**1,444,337**	**10.7**	**10.6**	**10.0**	**10.1**	**9.9**
Alabama	29,554	25,513	24,727	26,347	26,620	10.5	9.5	8.8	9.3	9.2
Arizona	5,556	6,091	5,737	6,032	6,586	11.0	10.7	9.6	9.4	9.4
Arkansas	17,247	14,703	14,338	15,095	15,224	8.8	8.0	7.6	7.9	7.9
California	79,742	92,569	94,678	96,697	98,905	11.4	10.2	10.0	9.9	9.6
Colorado	12,291	12,389	12,058	12,613	12,582	10.8	11.6	10.6	11.0	10.5
Connecticut	18,070	18,833	19,127	19,153	19,569	10.6	10.8	10.0	9.7	9.8
Delaware	3,285	3,274	3,229	3,345	3,407	12.2	12.0	11.5	11.5	11.4
District of Columbia	8,081	8,432	8,289	8,254	8,197	11.9	9.6	9.8	9.6	9.5
Florida	21,614	22,776	23,005	24,283	24,767	11.3	9.9	10.3	10.4	10.2
Georgia	32,485	28,559	27,511	28,946	29,526	10.5	9.1	8.8	9.2	9.3
Idaho	4,924	4,602	4,585	4,780	4,906	9.3	8.8	8.8	9.1	8.4
Illinois	89,099	90,116	89,566	93,686	91,328	11.3	12.0	11.2	11.2	10.9
Indiana	40,555	39,586	39,034	40,567	39,544	11.8	11.4	10.4	10.6	10.1
Iowa	26,297	25,876	25,758	26,484	26,064	10.3	10.8	10.1	10.2	10.0
Kansas	18,589	18,507	18,059	18,700	18,553	10.3	10.3	9.6	9.7	9.8
Kentucky	29,967	27,590	27,410	28,371	28,050	10.5	10.7	10.0	10.2	9.8
Louisiana	25,542	22,125	22,030	23,395	23,561	10.8	9.2	8.7	9.2	9.1
Maine	10,581	9,985	10,058	9,959	9,958	12.5	12.5	11.7	11.3	11.1
Maryland	22,026	22,584	21,783	22,480	22,440	12.0	11.4	10.3	10.5	10.4
Massachusetts	51,122	51,133	51,398	51,754	52,611	11.9	12.3	11.4	11.2	11.3
Michigan	52,183	53,966	55,167	57,137	56,786	9.9	9.9	9.4	9.4	9.1
Minnesota	26,354	26,763	26,937	27,781	27,400	9.4	10.2	9.5	9.6	9.3
Mississippi	23,295	19,355	19,417	20,212	20,296	10.7	9.1	9.4	9.6	9.6
Missouri	43,777	42,602	42,451	44,572	42,752	11.5	11.8	11.1	11.4	11.0
Montana	5,765	5,414	5,595	5,760	5,884	10.3	12.1	11.7	11.8	11.5
Nebraska	12,670	12,500	12,440	12,871	12,615	9.6	10.2	9.7	10.0	9.8
Nevada	1,402	1,588	1,502	1,623	1,624	12.5	11.3	11.3	11.7	9.9
New Hampshire	6,236	5,816	6,049	6,194	6,172	12.7	12.5	11.9	11.6	11.8
New Jersey	45,772	47,825	46,392	48,181	48,076	11.0	11.6	10.3	10.4	10.1
New Mexico	5,484	5,520	5,436	5,471	5,609	10.2	10.7	10.4	10.0	9.8
New York	149,816	153,654	152,866	157,734	158,242	11.1	12.0	11.1	11.1	11.1
North Carolina	31,904	28,897	28,724	30,187	30,161	8.9	8.2	7.8	8.2	7.9
North Dakota	5,257	5,109	5,080	5,252	5,146	8.2	10.0	9.5	9.7	8.8
Ohio	78,949	78,835	78,464	82,254	80,891	11.4	11.5	10.5	10.7	10.3
Oklahoma	20,885	18,921	18,620	19,327	19,079	9.0	8.6	8.1	8.5	8.3
Oregon	12,180	13,022	13,318	13,501	14,080	11.1	9.9	9.3	8.7	8.6
Pennsylvania	111,977	109,193	107,683	110,459	109,202	11.3	11.7	10.6	10.5	10.4
Rhode Island	8,019	7,985	8,073	8,368	8,188	11.3	10.9	10.9	11.2	11.0
South Carolina	20,280	16,904	16,351	17,230	17,957	10.7	8.9	8.6	8.8	9.1
South Dakota	5,700	5,481	5,508	5,730	5,806	8.9	10.2	10.0	9.9	9.5
Tennessee	29,383	27,946	27,650	28,591	28,826	10.0	9.9	9.2	9.2	9.1
Texas	62,635	58,853	59,706	62,662	64,245	9.7	8.8	8.6	8.8	8.7
Utah	4,845	4,859	4,785	4,996	5,070	8.7	8.1	7.5	7.8	7.6
Vermont	4,664	4,007	4,140	4,378	4,096	13.0	12.3	11.8	12.0	11.3
Virginia	29,741	28,641	28,154	29,193	28,976	10.9	9.8	9.4	9.7	9.5
Washington	20,080	21,890	22,011	21,979	22,211	11.5	10.1	9.6	9.3	9.0
West Virginia	17,669	16,630	16,238	17,218	17,600	9.2	9.8	8.9	9.1	9.2
Wisconsin	31,563	32,066	32,345	33,219	32,564	10.0	10.9	10.3	10.2	9.9
Wyoming	2,157	2,234	2,135	2,349	2,385	8.5	8.9	8.1	8.9	8.4

[1] Based on total population present in area (excluding armed forces overseas).

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; Vital Statistics—Special Reports, Vol. 35, No. 4.

No. 80.—Deaths by Race, for Urban and Rural Areas, by States: 1948

[By place of residence]

STATE	TOTAL			URBAN[1]			RURAL[1]		
	All races	White	Non-white	All races	White	Non-white	All races	White	Non-white
United States	**1,444,337**	**1,270,589**	**173,748**	**908,407**	**804,823**	**103,584**	**535,930**	**465,766**	**70,164**
Alabama	26,620	15,522	11,098	10,839	6,125	4,714	15,781	9,397	6,384
Arizona	6,586	5,622	964	3,193	3,014	179	3,393	2,608	785
Arkansas	15,224	10,813	4,411	5,925	4,216	1,790	9,299	6,597	2,702
California	98,905	93,769	5,136	70,967	67,170	3,797	27,938	26,599	1,339
Colorado	12,582	12,296	286	8,654	8,419	235	3,928	3,877	51
Connecticut	19,569	19,026	543	13,290	12,838	452	6,279	6,188	91
Delaware	3,407	2,788	619	1,786	1,483	303	1,621	1,305	316
Dist. of Columbia	8,197	5,231	2,966	8,197	5,231	2,966	----	----	----
Florida	24,767	17,889	6,878	15,763	11,544	4,219	9,004	6,345	2,659
Georgia	29,526	17,296	12,230	13,496	7,511	5,985	16,030	9,785	6,245
Idaho	4,906	4,815	91	2,490	2,465	25	2,416	2,350	66
Illinois	91,328	83,928	7,400	68,417	61,801	6,616	22,911	22,127	784
Indiana	39,544	37,287	2,257	22,838	20,782	2,056	16,706	16,505	201
Iowa	26,064	25,797	267	13,780	13,546	234	12,284	12,251	33
Kansas	18,553	17,629	924	9,778	9,045	733	8,775	8,584	191
Kentucky	28,050	24,642	3,408	11,464	9,239	2,225	16,586	15,403	1,183
Louisiana	23,561	13,579	9,982	12,661	7,745	4,916	10,900	5,834	5,066
Maine	9,958	9,928	30	4,073	4,063	10	5,885	5,865	206
Maryland	22,440	17,728	4,712	13,732	10,593	3,139	8,708	7,135	1,573
Massachusetts	52,611	51,645	966	46,570	45,694	876	6,041	5,951	90
Michigan	56,786	52,937	3,849	35,541	32,418	3,123	21,245	20,519	726
Minnesota	27,400	27,044	356	15,965	15,766	199	11,435	11,278	157
Mississippi	20,296	9,429	10,867	6,136	3,188	2,948	14,160	6,241	7,919
Missouri	42,752	38,445	4,307	25,720	22,028	3,692	17,032	16,417	615
Montana	5,884	5,580	304	3,143	3,101	42	2,741	2,479	262
Nebraska	12,615	12,333	282	6,257	6,041	216	6,358	6,292	66
Nevada	1,624	1,496	128	853	811	42	771	685	86
New Hampshire	6,172	6,167	5	3,709	3,708	1	2,463	2,459	4
New Jersey	48,076	44,480	3,596	37,102	34,214	2,888	10,974	10,266	708
New Mexico	5,609	5,005	604	2,456	2,350	106	3,153	2,655	498
New York	158,242	148,567	9,675	126,369	117,456	8,913	31,873	31,111	762
North Carolina	30,161	19,897	10,264	10,355	6,472	3,883	19,806	13,425	6,381
North Dakota	5,146	5,027	119	1,628	1,619	9	3,518	3,408	110
Ohio	80,891	75,014	5,877	56,234	51,040	5,194	24,657	23,974	683
Oklahoma	19,079	16,695	2,384	10,462	9,251	1,211	8,617	7,444	1,173
Oregon	14,080	13,801	279	8,936	8,786	150	5,144	5,015	129
Pennsylvania	109,202	101,817	7,385	74,591	67,991	6,600	34,611	33,826	785
Rhode Island	8,188	8,005	183	7,375	7,202	173	813	803	10
South Carolina	17,957	9,137	8,820	6,187	3,594	2,593	11,770	5,543	6,227
South Dakota	5,806	5,546	260	2,014	1,992	22	3,792	3,554	238
Tennessee	28,826	22,215	6,611	12,358	8,227	4,131	16,468	13,988	2,480
Texas	64,245	53,423	10,822	39,927	32,951	6,976	24,318	20,472	3,846
Utah	5,070	4,946	124	3,258	3,195	63	1,812	1,751	61
Vermont	4,096	4,093	3	1,678	1,676	2	2,418	2,417	1
Virginia	28,976	20,057	8,919	12,232	8,407	3,825	16,744	11,650	5,094
Washington	22,211	21,592	619	14,062	13,690	372	8,149	7,902	247
West Virginia	17,600	16,144	1,456	6,532	5,980	552	11,068	10,164	904
Wisconsin	32,564	32,174	390	18,261	18,015	246	14,303	14,159	144
Wyoming	2,385	2,293	92	1,153	1,130	23	1,232	1,163	69

[1] "Urban" includes urban places having populations of 2,500 or more, according to the 1940 population census; "rural" includes all other areas.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, Vital Statistics of the United States.

No. 81.—Deaths From Selected Causes, 1948, and Death Rates Per 100,000 Population for Death-Registration States: 1900 to 1948

[For coverage of registration areas, see table 65, p. 63. See also *Historical Statistics*, series C 56–61]

CAUSE OF DEATH	Number of deaths, 1948	RATES PER 100,000 POPULATION						
		1900	1910	1920	1930	1940 [1]	1947 [1]	1948 [1]
All causes	**1,444,337**	**1,719.1**	**1,468.0**	**1,298.9**	**1,132.1**	**1,074.1**	**1,007.9**	**988.5**
Typhoid and paratyphoid fever	233	31.3	22.5	7.6	4.8	1.1	.2	.2
Cerebrospinal (meningococcus) meningitis	873	[2]	.3	1.6	3.6	.5	.6	.6
Scarlet fever	68	9.6	11.4	4.6	1.9	.5	.1	[3]
Whooping cough	1,146	12.2	11.6	12.5	4.8	2.2	1.4	.8
Diphtheria	634	40.3	21.1	15.3	4.9	1.1	.6	.4
Tuberculosis (all forms)	43,833	194.4	153.8	113.1	71.1	45.8	33.5	30.0
Tuberculosis of respiratory system	40,420	174.5	133.3	99.8	63.0	42.1	31.0	27.7
Tuberculosis (other forms)	3,413	19.9	20.6	13.4	8.1	3.7	2.5	2.3
Dysentery	1,078	12.0	6.0	4.0	2.8	1.9	.6	.7
Malaria	170	6.2	1.1	3.4	2.9	1.1	.1	.1
Syphilis	11,616	[4] 12.0	[4] 13.5	[4] 16.5	15.7	14.4	8.8	8.0
Measles	888	13.3	12.4	8.8	3.2	.5	.3	.6
Poliomyelitis, polioencephalitis (acute)	1,895	[2]	2.9	.9	1.2	.8	.4	1.3
Cancer and other malignant tumors	197,042	64.0	76.2	83.4	97.4	120.0	132.4	134.9
Cancer of digestive organs and peritoneum	85,056	[5] 28.3	[5] 40.8	44.0	48.9	55.1	58.0	58.2
Cancer of female genital organs	23,262	8.2	11.0	12.2	13.8	16.0	16.2	15.9
Cancer of breast	19,162	5.1	7.1	7.6	9.2	11.7	12.6	13.1
Cancer (other sites)	69,562	[6] 22.3	[6] 17.4	19.5	25.4	37.1	45.6	47.6
Acute rheumatic fever	927	5.3	6.2	3.8	2.5	1.3	.7	.6
Diabetes mellitus	38,638	11.0	15.3	16.1	19.1	26.5	26.2	26.4
Exophthalmic goiter	1,976	.5	1.2	1.8	3.4	2.8	1.6	1.4
Pellagra (except alcoholic)	606	[2]	.1	2.5	5.2	1.6	.5	.4
Alcoholism (ethylism)	2,433	5.3	5.5	1.0	3.5	1.9	1.6	1.7
Intracranial lesions of vascular origin	131,036	[7] 106.9	[7] 95.8	[7] 93.0	89.0	90.8	91.4	89.7
Diseases of heart	471,469	[8] 137.4	[8] 158.9	[8] 159.6	214.2	291.9	321.2	322.7
Chronic rheumatic diseases of heart	23,287	[2]	[2]	[2]	[2]	20.8	16.6	15.9
Dis. of coronary arteries, angina pectoris	160,520	[2]	[2]	[2]	[2]	76.9	107.5	109.9
Diseases of the heart (other forms)	287,662	[2]	[2]	[2]	[2]	194.2	197.1	196.9
Arteriosclerosis and high blood pressure	27,565	[2]	[2]	[2]	19.0	18.3	19.0	18.9
Pneumonia (all forms) and influenza	56,493	202.2	155.9	207.3	102.5	70.1	43.1	38.7
Bronchopneumonia	27,722	22.8	46.0	54.6	34.3	26.2	19.6	19.0
Lobar pneumonia	18,028	152.6	44.8	72.9	45.3	25.1	14.1	12.3
Pneumonia (unspecified)	5,675		50.9	9.3	3.5	3.5	4.1	3.9
Influenza	5,068	26.7	14.2	70.5	19.4	15.3	5.3	3.5
Ulcer of stomach or duodenum	8,708	[9] 2.7	[9] 4.0	[9] 3.6	6.2	6.8	6.0	6.0
Diarrhea, enteritis, etc	8,831	[10] 142.7	[10] 115.4	[10] 53.7	26.0	10.3	5.6	6.0
Appendicitis	4,171	8.8	10.8	13.2	15.2	9.9	3.3	2.9
Hernia and intestinal obstruction	10,099	11.9	12.1	10.5	10.2	9.0	7.5	6.9
Cirrhosis of liver	16,512	12.5	13.3	7.1	7.2	8.6	10.4	11.3
Biliary calculi, etc	6,248	[11] 1.4	[11] 2.7	[11] 3.5	7.2	6.0	4.4	4.3
Nephritis	77,377	88.6	94.8	88.8	91.0	81.4	56.0	53.0
Diseases of prostate	6,790	1.7	3.7	4.2	5.4	6.7	4.9	4.6
Diseases of pregnancy, etc	4,122	13.4	15.3	19.0	12.7	6.7	3.5	2.8
Puerperal septicemia	1,209	5.8	7.0	6.5	4.6	2.9	1.1	.8
Puerperal toxemia	1,164	2.2	3.3	4.8	3.5	1.7	.9	.8
Hemorrhage, trauma or shock	1,345	5.4	5.1	7.7	4.6	1.6	1.1	.9
Other puerperal causes	404					.5	.3	.3
Congenital malformations	19,246	12.0	15.2	15.2	11.2	10.0	14.2	13.2
Diseases peculiar to first year of life	61,543	62.6	73.0	69.2	49.6	39.1	45.5	42.1
Premature birth	39,085	32.4	37.7	43.6	31.5	24.5	28.6	26.7
Other diseases peculiar to first year of life	22,458	30.3	35.3	25.6	18.1	14.6	16.9	15.4
Suicide	16,354	10.2	15.3	10.2	15.6	14.3	11.5	11.2
Homicide	8,536	1.2	4.6	6.8	8.8	6.2	6.0	5.8
Accidental deaths	98,001	[12] 72.3	[12] 84.5	[12] 71.0	80.4	73.4	69.4	67.1
Motor-vehicle accidents	32,259	[2]	[13] 1.8	[13] 10.3	26.7	26.1	22.8	22.1
Other accidents	65,742	[12] 72.3	[12] 82.7	[12] 60.7	53.8	47.3	46.6	45.0
Senility, ill-defined and unknown causes	27,291	117.5	47.5	31.8	30.4	23.7	19.2	18.7
All other causes	79,889	295.6	183.9	134.3	82.2	67.1	56.1	54.7

[1] Based on population excluding armed forces overseas. [2] Not available. [3] Less than 0.05.
[4] Excludes aneurysm of the aorta. [5] Excludes cancer of the pancreas. [6] Includes cancer of the pancreas.
[7] Includes all embolism and thrombosis, except puerperal. [8] Excludes diseases of the coronary arteries.
[9] Excludes ulcer of the duodenum. [10] Includes ulcer of the duodenum. [11] Includes biliary calculi only.
[12] Includes legal executions. [13] Excludes automobile collisions with trains and streetcars, and motorcycle accidents.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; 1900–30, Vital Statistics Rates in the U. S., 1900–40; basic figures for 1940–48 are published in annual report, Vital Statistics of the United States.

No. 82.—Death Rates Per 100,000 Population, for Leading Causes of Death, by States: 1948

[**By place of residence.** Based on total population present in area, excluding armed forces overseas]

STATE	Diseases of the heart	Cancer and other malignant tumors	Intracranial lesions of vascular origin	Nephritis	Accidents (excluding motor-vehicle)	Pneumonia (all forms) and influenza	Tuberculosis (all forms)	Premature birth	Diabetes mellitus	Motor-vehicle accidents
United States	**322.7**	**134.9**	**89.7**	**53.0**	**45.0**	**38.7**	**30.0**	**26.7**	**26.4**	**22.1**
Alabama	222.1	91.5	93.4	69.6	43.1	50.2	35.2	37.0	14.1	25.6
Arizona	202.3	86.6	55.8	32.2	56.2	58.9	82.4	34.4	13.9	35.9
Arkansas	204.8	86.7	78.7	53.1	42.4	45.8	37.5	19.7	11.9	19.8
California	325.6	135.9	74.7	36.7	39.1	39.0	31.9	24.0	21.1	28.8
Colorado	301.8	130.9	83.2	58.6	63.2	56.8	30.2	31.1	20.0	28.6
Connecticut	358.7	173.5	84.6	42.0	40.2	24.0	26.5	19.2	33.7	13.2
Delaware	378.7	144.7	87.7	96.7	48.3	41.3	39.7	28.7	38.3	23.0
District of Columbia	286.4	138.9	65.2	82.2	48.8	30.4	51.1	26.9	25.5	12.1
Florida	287.8	122.9	101.2	61.5	52.1	36.3	30.7	32.3	20.8	28.4
Georgia	230.5	92.7	111.5	78.7	42.8	46.9	31.6	32.7	14.5	24.6
Idaho	245.2	98.1	76.3	47.1	60.9	31.9	11.9	29.2	19.5	33.4
Illinois	409.8	165.8	87.0	61.6	45.5	23.1	31.8	23.4	33.6	23.4
Indiana	317.2	134.8	107.5	72.0	48.0	35.6	23.4	25.3	26.1	27.4
Iowa	329.4	149.0	113.3	50.0	52.0	34.5	9.5	22.2	28.3	23.0
Kansas	314.9	135.5	112.6	62.8	52.6	29.3	13.3	20.5	22.6	26.3
Kentucky	274.8	108.9	97.3	60.8	49.4	53.6	45.2	29.2	16.4	25.5
Louisiana	281.5	106.2	75.7	54.5	41.8	49.7	36.5	36.7	17.6	19.5
Maine	374.9	163.9	117.6	61.0	45.5	47.7	21.9	21.2	27.2	19.3
Maryland	357.2	138.5	79.0	76.9	42.9	34.8	46.9	25.3	30.5	19.2
Massachusetts	440.3	183.0	105.2	42.3	46.6	39.8	29.6	21.4	36.7	11.2
Michigan	302.0	128.8	84.3	39.9	40.0	30.8	25.6	29.5	28.3	25.8
Minnesota	303.6	145.0	99.5	27.6	46.1	36.9	16.8	24.4	26.4	20.2
Mississippi	207.4	90.4	93.9	77.8	46.1	46.1	31.5	33.4	14.9	21.8
Missouri	363.6	157.5	110.7	71.8	47.5	46.9	26.1	21.2	25.4	22.6
Montana	352.8	141.7	113.7	48.3	80.2	39.5	28.6	31.5	23.1	32.3
Nebraska	302.2	151.3	101.9	50.6	51.5	34.2	13.0	27.1	29.8	21.7
Nevada	283.5	115.9	64.0	39.0	69.5	47.6	43.9	36.6	15.2	47.0
New Hampshire	431.0	184.3	117.2	52.0	40.0	45.1	13.8	27.0	33.3	18.2
New Jersey	369.4	161.8	85.3	53.6	37.4	28.1	29.2	21.3	32.8	12.9
New Mexico	161.3	77.9	47.8	35.7	55.5	70.1	53.1	55.9	9.6	39.6
New York	433.8	179.4	76.4	40.5	44.5	37.1	36.0	23.0	43.8	13.9
North Carolina	211.9	75.2	88.3	64.0	37.3	38.8	25.0	34.5	14.8	21.8
North Dakota	264.4	111.9	94.5	40.5	55.8	27.7	10.7	31.6	29.4	19.8
Ohio	337.3	144.8	104.6	55.6	44.5	36.0	27.4	24.9	29.7	24.9
Oklahoma	225.1	108.3	88.2	45.2	43.1	36.4	26.4	27.5	17.3	22.6
Oregon	260.9	118.4	85.1	57.3	55.0	32.3	15.2	20.0	16.7	25.4
Pennsylvania	375.0	149.0	88.2	61.2	42.6	35.7	29.4	22.6	33.9	17.1
Rhode Island	421.7	161.2	93.4	61.3	42.1	30.7	26.7	24.2	45.4	10.1
South Carolina	232.7	75.5	99.0	76.3	41.7	50.2	27.6	35.0	15.9	27.0
South Dakota	271.4	119.5	102.3	36.5	55.6	37.0	18.5	32.6	26.5	25.4
Tennessee	234.6	95.7	94.9	53.7	36.3	49.6	44.8	31.5	13.8	20.4
Texas	220.7	94.1	72.4	41.5	44.2	45.3	35.7	35.1	14.6	27.3
Utah	236.7	84.3	58.7	32.5	47.5	27.9	10.3	30.7	18.1	33.7
Vermont	392.3	166.1	101.7	52.9	53.4	42.1	31.7	24.8	29.2	23.4
Virginia	271.9	99.6	103.5	64.3	45.0	42.2	35.6	37.0	21.5	22.9
Washington	296.8	123.5	86.5	38.7	51.6	35.0	24.3	24.1	19.8	22.6
West Virginia	246.8	98.1	87.1	48.7	65.6	44.8	32.5	35.0	19.6	23.9
Wisconsin	339.4	151.5	97.6	44.8	46.9	29.3	14.4	23.8	32.2	25.5
Wyoming	237.9	89.1	60.0	48.4	62.5	42.1	10.5	35.4	16.5	39.3

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, Vital Statistics of the United States.

No. 83.—Maternal Deaths, Infant Deaths (Under 1 Year of Age) and Stillbirths, for Birth-Registration States: 1915 to 1948

[For coverage of registration area, see table 65, p. 63. See also *Historical Statistics*, series C 38-39 and C 42]

Year	Maternal deaths [1]		Deaths under 1 year		Stillbirths [2]	
	Number	Rate per 1,000 live births	Number	Rate per 1,000 live births	Number	Ratio per 1,000 live births
1915	4,719	6.1	77,572	99.9	----	----
1920	12,058	8.0	129,531	85.8	----	----
1925	12,158	6.5	134,652	71.7	----	----
1930	14,836	6.7	142,413	64.6	----	----
1935	12,544	5.8	120,138	55.7	----	----
1940	8,876	3.8	110,984	47.0	----	----
1945	5,668	2.1	104,684	38.3	65,513	23.9
1946	5,153	1.6	111,063	33.8	74,849	22.8
1947	4,978	1.3	119,173	32.2	77,917	21.1
1948	4,122	1.2	113,169	32.0	72,788	20.6

[1] Deaths from diseases of pregnancy, childbirth, and the puerperium.
[2] Includes only stillbirths for which period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; Vital Statistics—Special Reports, Vol. 34, No. 1.

No. 84.—Infant Deaths (Under 1 Year of Age) Per 1,000 Live Births, by Age Groups, for Birth-Registration States: 1920 to 1948

Age	1920	1925	1930	1935	1940	1942	1943	1944	1945	1946	1947	1948
Total under 1 year	**85.8**	**71.7**	**64.6**	**55.7**	**47.0**	**40.4**	**40.4**	**39.8**	**38.3**	**33.8**	**32.2**	**32.0**
Under 1 day	14.8	15.0	15.0	15.0	13.9	12.3	11.6	11.5	11.2	11.4	10.7	10.7
1 day	4.6	4.2	4.2	3.7	3.5	3.3	3.2	3.3	3.3	3.5	3.4	3.4
2 days	3.4	3.2	2.9	2.4	2.2	2.1	2.0	2.1	2.1	2.2	2.1	2.1
3–6 days	6.4	5.8	5.1	4.4	3.6	3.1	3.1	3.1	3.1	3.0	3.0	2.8
7–13 days	5.4	4.4	3.9	3.1	2.4	2.2	2.1	2.2	2.1	1.9	1.7	1.6
14–20 days	3.8	2.9	2.5	2.0	1.6	1.4	1.4	1.4	1.3	1.1	1.0	.9
21–29 days	3.1	2.3	2.1	1.8	1.4	1.2	1.2	1.2	1.2	.9	.9	.8
Under 1 month	41.5	37.8	35.7	32.4	28.8	25.7	24.7	24.7	24.3	24.0	22.8	22.2
1 month	7.3	5.8	5.3	4.4	3.5	2.9	2.9	2.9	2.8	2.2	2.0	2.0
2 months	5.7	4.6	4.2	3.5	2.9	2.3	2.4	2.3	2.2	1.6	1.6	1.6
3 months	13.1	4.0	3.5	2.9	2.4	1.9	2.0	2.0	1.8	1.3	1.3	1.3
4 months		3.4	2.8	2.3	1.9	1.5	1.6	1.6	1.4	1.0	1.0	1.1
5 months		2.9	2.4	2.0	1.6	1.3	1.4	1.4	1.2	.8	.8	.9
6 months	10.0	2.7	2.3	1.8	1.4	1.1	1.2	1.2	1.1	.7	.7	.7
7 months		2.5	2.0	1.6	1.2	1.0	1.1	1.0	.9	.6	.5	.6
8 months		2.3	1.8	1.4	1.0	.8	.9	.9	.8	.5	.5	.5
9 months		2.1	1.7	1.3	.9	.7	.7	.7	.6	.4	.4	.4
10 months	8.3	1.9	1.5	1.1	.8	.6	.6	.6	.5	.4	.3	.4
11 months		1.8	1.4	1.1	.7	.6	.6	.6	.5	.3	.3	.3

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; 1920–40, Vital Statistics Rates in the United States, 1900–40; basic figures for 1941–48 are published in annual report, Vital Statistics of the United States.

No. 85.—Infant Deaths (Under 1 Year of Age) and Rates Per 1,000 Live Births, by States: 1940 to 1948

[By place of residence. See also *Historical Statistics*, series C 39]

STATE	NUMBER OF INFANT DEATHS					RATE PER 1,000 LIVE BIRTHS				
	1940	1945	1946	1947	1948	1940	1945	1946	1947	1948
United States	**110,984**	**104,684**	**111,063**	**119,173**	**113,169**	**47.0**	**38.3**	**33.8**	**32.2**	**32.0**
Alabama	3,870	3,141	3,025	3,301	3,228	61.5	44.7	37.9	37.5	37.8
Arizona	983	917	679	973	1,083	85.5	68.7	41 5	50.8	56.4
Arkansas	1,810	1,256	1,283	1,445	1,363	47.0	31 7	28 3	29.5	28.4
California	4,403	5,991	6,705	7,233	6,885	39.2	32.5	30.7	29.4	28.6
Colorado	1,270	1,188	1,180	1,234	1,267	60.4	50.5	40 0	37.5	38.4
Connecticut	868	1,011	1,154	1,150	1,026	34.0	29.9	27.8	25 2	24.3
Delaware	217	233	202	239	214	47.7	38.9	29.7	31.0	29.5
District of Columbia	554	780	767	691	531	49.3	48.3	41.2	31.9	25.5
Florida	1,818	2,093	2,116	2,285	2,103	53.8	43.8	39.4	38.2	35.3
Georgia	3,744	3,162	3,075	3,251	3,169	57.8	42.2	35.9	34.2	34.2
Idaho	506	403	453	478	481	42.9	35.0	32 9	29.4	29.8
Illinois	4,398	4,377	5,316	5,672	5,123	35.3	31.6	30.4	28.9	27.7
Indiana	2,595	2,462	2,607	2,949	2,760	42.1	36.0	31.5	30.6	29.8
Iowa	1,636	1,363	1,681	1,817	1,610	36 5	30.3	29.9	28.5	26.6
Kansas	1,106	1,109	1,217	1,251	1,151	38.3	33.0	30.6	28.1	26.9
Kentucky	3,387	2,858	2,900	2,971	3,073	53.1	46.9	40.0	37.1	39.8
Louisiana	3,268	2,488	2,553	2,773	2,779	64.3	43.0	37.2	37.2	37.9
Maine	810	773	833	853	706	53.2	46.3	41.0	35.7	32.0
Maryland	1,590	1,626	1,713	1,794	1,537	49.1	38.0	34 0	31.6	28.8
Massachusetts	2,458	2,436	2,984	3,027	2,613	37.5	31.6	31.6	28.1	26.8
Michigan	4,032	4,035	4,552	5,080	4,639	40.7	35.8	32.7	31.5	30.0
Minnesota	1,758	1,698	1,925	2,165	1,959	33.2	31.1	28 6	28.6	26.9
Mississippi	2,869	2,204	2,311	2,448	2,474	54.4	40.6	37.5	36.8	37.9
Missouri	2,885	2,464	2,665	2,929	2,585	46.9	37.5	33.0	32.5	30.3
Montana	537	363	448	484	461	46 5	34 2	34.8	32.1	30.7
Nebraska	792	687	846	894	835	36.0	28 5	30.2	27.8	26.8
Nevada	109	132	130	134	147	51 7	46.3	39.6	33.2	39.8
New Hampshire	341	303	348	399	361	40.9	36.3	31.4	30.1	29.1
New Jersey	2,121	2,476	2,715	2,965	2,585	35.5	32.0	28.5	27.9	26.5
New Mexico	1,488	1,543	1,415	1,379	1,438	100.6	100.8	78.2	67.9	70.1
New York	7,297	7,461	8,345	9,123	8,258	37.2	31.8	29.1	28.2	27.3
North Carolina	4,631	3,782	3,742	3,938	3,858	57.6	43.3	37.2	34.9	35.3
North Dakota	593	385	519	523	487	45.1	29.3	34.0	30.6	29.4
Ohio	4,714	4,830	5,312	5,817	5,693	41.4	36.5	31.3	29.5	30.5
Oklahoma	2,238	1,727	1,639	1,733	1,731	49.9	40.0	32.5	32.3	34.4
Oregon	585	692	833	895	897	33.2	28.7	27.7	24.7	25.5
Pennsylvania	7,404	6,590	7,196	7,741	6,442	44.7	37.9	33.0	31.1	28.4
Rhode Island	410	384	494	522	444	37.9	28.2	29.5	28.2	26.3
South Carolina	3,042	2,469	2,235	2,352	2,331	68.2	49.9	41.4	39.5	40.4
South Dakota	466	388	432	511	525	38.7	31.1	29.6	30.9	32.0
Tennessee	2,954	3,096	2,974	3,144	3,098	53.5	47.7	38.5	36.3	37.7
Texas	8,675	7,703	7,564	8,161	9,131	68.3	48.8	41.7	41.1	46.2
Utah	539	488	496	545	568	40.4	31.1	27.2	25.1	27.4
Vermont	309	238	284	303	271	44.5	34.6	34.0	31.2	28.9
Virginia	3,335	3,178	2,935	3,142	3,163	58.5	47.4	38.7	36.6	38.5
Washington	992	1,539	1,734	1,643	1,537	35.2	34.5	33.4	28.1	27.5
West Virginia	2,269	2,030	1,990	2,091	2,108	53.7	52.0	40.9	38.0	40.2
Wisconsin	2,046	1,913	2,246	2,476	2,148	37.3	31.1	30.0	29.5	26.3
Wyoming	232	219	205	249	293	44.7	40.0	33.1	34.0	39.5

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, Vital Statistics of the United States.

No. 86.—Infant Deaths (Under 1 Year of Age) and Rates Per 1,000 Live Births, by Race, for Urban and Rural Areas, by States: 1948

[By place of residence. For rates by color for U. S., see also *Historical Statistics*, series C 39-41]

STATE	NUMBER OF DEATHS				RATE PER 1,000 LIVE BIRTHS					
	Urban[1]		Rural[1]		Total		Urban[1]		Rural[1]	
	White	Non-white	White	Non-white	White	Non-white	White	Non-white	White	Non-white
United States	**53,944**	**11,474**	**38,090**	**9,661**	**29.9**	**46.5**	**29.3**	**45.6**	**30.8**	**47.6**
Alabama	649	593	1,122	864	32.9	46.2	32.9	51.1	32.9	43.3
Arizona	465	41	325	249	46.6	134.3	43.8	64.0	51.1	163.9
Arkansas	360	147	608	248	26.7	33 4	30.0	46.2	25.1	28.7
California	4,111	507	2,133	134	28.2	33.6	26.0	32.0	33.7	41.3
Colorado	697	21	540	9	38.1	52.9	35.0	45.2	43.0	88.2
Connecticut	659	48	310	9	23.8	37.8	24.3	34 6	22.8	76.3
Delaware	86	28	69	31	25.5	50.6	26.9	46.9	23.8	54.4
District of Columbia	289	242	-------	-------	22.7	30.0	22.7	30.0	-------	-------
Florida	759	424	597	323	31.3	45.7	30.4	44.4	32.6	47.6
Georgia	729	642	951	847	28.4	44.5	30.3	50.3	27.0	40.9
Idaho	221	1	248	11	29.5	58.0	30.2	17.2	28.8	73.8
Illinois	3,250	702	1,131	40	26.1	43.1	26.3	42 3	25.6	63.6
Indiana	1,474	236	1,042	8	28.6	52.4	28.7	52.1	28.5	63 0
Iowa	842	14	753	1	26.6	29.4	29.2	29.7	24.1	25 0
Kansas	625	63	452	11	26.4	40.1	28.9	38.0	23.5	58 8
Kentucky	901	146	1,939	87	39.2	48.4	40.2	48.5	38.8	48.3
Louisiana	675	632	608	864	28.6	52 5	30 3	49.2	27.0	55 2
Maine	240	1	463	2	31.9	90.9	28.3	45.5	34.1	181.8
Maryland	577	292	507	161	25.7	40.1	26.4	38.5	25.0	43.4
Massachusetts	2,235	80	290	8	26.5	44.4	26.6	42.0	25.7	103.9
Michigan	2,712	444	1,457	26	29.2	39.5	29.3	39.6	29.0	38.6
Minnesota	1,144	18	755	42	26.4	80.0	28.4	48.8	23 8	110.2
Mississippi	427	378	589	1,080	34.1	41.1	42.9	53.3	29.7	38.0
Missouri	1,239	294	990	62	28.6	48.7	28.7	47.8	28.5	53.4
Montana	233	5	171	52	28.4	71.9	31.6	70.4	24 9	72.0
Nebraska	425	25	371	14	26.1	57.3	29.4	46.3	23.2	99.3
Nevada	66	6	66	9	38.3	61.0	38.0	65.9	38.5	58.1
New Hampshire	223	-------	138	-------	29.1	-------	31.3	-------	26 1	-------
New Jersey	1,673	330	519	63	24.7	45.2	24.0	44.6	26.9	49.2
New Mexico	514	30	694	200	63.2	165.2	60.3	118.1	65.4	175.7
New York	5,615	999	1,597	47	26.0	42.5	25.7	42 0	27.0	55.6
North Carolina	676	507	1,523	1,152	29.5	47.6	29.9	53.0	29.3	45.6
North Dakota	174	2	280	31	28.0	90.2	36.7	69.0	24.4	92.0
Ohio	3,406	561	1,673	53	29.4	45.4	29.2	44.5	29.8	57.8
Oklahoma	817	140	598	176	31.6	56.3	35.6	51.1	27.4	61.1
Oregon	479	14	382	22	24.9	57.6	25.8	42.0	23.9	75.3
Pennsylvania	3,699	656	2,025	62	27.2	43.7	26.8	42.7	27.7	57.4
Rhode Island	377	13	52	2	26.1	36.1	25.8	33.4	28.1	74 1
South Carolina	406	328	615	982	32.2	50.2	30.1	56.1	33.8	48.6
South Dakota	201	7	256	61	29.1	96.5	34.8	86.4	25.8	97.8
Tennessee	857	427	1,562	252	35.8	46.6	34.7	50.3	36.5	41.5
Texas	4,819	863	2,920	529	45.0	54.1	44.2	55.5	46.4	51.9
Utah	347	13	198	10	26.7	69.9	29.0	77.8	23.5	61.7
Vermont	120	-------	151	-------	28.9	-------	34.5	-------	25.6	-------
Virginia	740	430	1,336	657	34.0	51.7	32.3	53.2	35.0	50.8
Washington	865	49	581	42	26.8	50.0	26.6	37.7	27.0	80.6
West Virginia	551	36	1,439	82	40.1	42.3	37.3	43 7	41.3	41.8
Wisconsin	1,152	36	939	21	25.9	55.1	26.0	55.2	25.9	54.8
Wyoming	143	3	122	25	36.7	145.8	39.5	68.2	33.8	168.9

[1] "Urban" includes urban places having populations of 2,500 or more, according to 1940 population census; "rural" includes all other areas.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics. Basic figures are published in annual report, Vital Statistics of the United States.

No. 87.—Infant Deaths (Under 1 Year of Age), Per 1,000 Live Births, by Age, Race, and Sex: 1948

Age	Total			White			Nonwhite		
	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total under 1 year	**32.0**	**35.9**	**27.9**	**29.9**	**33.7**	**25.9**	**46.5**	**51.4**	**41.4**
Under 1 day	10.7	12.1	9.1	10.3	11.8	8.8	12.9	14.6	11.2
1 day	3.4	3.9	2.9	3.3	3.8	2.8	3.9	4.3	3.5
2 days	2.1	2.5	1.7	2.1	2.4	1.7	2.5	2.8	2.2
3–6 days	2.8	3.2	2.3	2.6	3.0	2.1	4.0	4.5	3.5
7–13 days	1.6	1.7	1.4	1.4	1.5	1.3	2.7	2.9	2.6
14–20 days	.9	1.0	.8	.8	.9	.7	1.6	1.6	1.5
21–29 days	.8	.9	.7	.7	.8	.6	1.4	1.6	1.2
Under 1 month	22.2	25.2	19.0	21.2	24.2	18.0	29.1	32.4	25.8
1 month	2.0	2.2	1.7	1.8	2.0	1.5	3.5	3.8	3.1
2 months	1.6	1.8	1.4	1.4	1.6	1.2	2.9	3.3	2.5
3 months	1.3	1.4	1.2	1.2	1.2	1.1	2.5	2.8	2.2
4 months	1.1	1.1	1.0	.9	1.0	.9	1.9	2.1	1.8
5 months	.9	.9	.8	.8	.8	.7	1.5	1.7	1.4
6 months	.7	.8	.7	.6	.7	.6	1.3	1.5	1.1
7 months	.6	.6	.5	.5	.5	.5	1.0	1.0	1.0
8 months	.5	.5	.5	.5	.5	.5	.9	.9	.9
9 months	.4	.5	.4	.4	.4	.4	.8	.8	.7
10 months	.4	.4	.3	.3	.3	.3	.5	.5	.5
11 months	.3	.3	.3	.3	.3	.3	.5	.6	.5

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; annual report, Vital Statistics of the United States.

No. 88.—Infant Deaths (Under 1 Year of Age), per 1,000 Live Births, by Selected Causes of Death, for Birth-Registration States: 1920 to 1948

[For coverage of registration areas, see table 65, p. 63]

Cause of death	1920	1925	1930	1935	1940	1942	1943	1944	1945	1946	1947	1948
All causes	**85.8**	**71.7**	**64.6**	**55.7**	**47.0**	**40.4**	**40.4**	**39.8**	**38.3**	**33.8**	**32.2**	**32.0**
Scarlet fever	.1	.1	.1	.1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Whooping cough	3.0	1.8	1.5	1.4	.9	.6	.8	.5	.5	.3	.4	2
Diphtheria	.5	.3	.2	.1	.1	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Erysipelas	.4	.3	.3	.3	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Tetanus	.1	.1	.1	.1	.1	(1)	(1)	(1)	.1	.1	(1)	(1)
Tuberculosis of respiratory system	.4	.2	.2	.1	.1	.1	.1	.1	.1	.1	(1)	(1)
Dysentery	.4	.3	.4	.4	.4	.3	.3	.4	.3	.1	.1	.2
Syphilis	.9	.7	.8	.7	.5	.3	.3	.3	.3	.2	(1)	.1
Measles	1.0	.3	.4	.4	.1	.1	.1	.2	(1)	.1	(1)	.1
Convulsions	1.0	.7	.4	.3	.2	.1	.1	.1	.1	.1	.1	.1
Pneumonia (all forms) and influenza	13.8	11.2	10.2	9.2	7.4	5.7	6.2	5.6	5.3	3.8	3.6	3.7
Pneumonia (all forms)	11.1	9.5	8.9	7.7	6.3	5.1	5.4	4.8	4.7	3.5	3.3	3.4
Influenza	2.7	1.8	1.3	1.5	1.1	.6	.8	.8	.6	.4	.3	.3
Diseases of stomach	1.2	.6	.3	.2	.1	.1	.1	.1	.1	.1	(1)	(1)
Diarrhea, enteritis, ulceration of intestines	14.9	11.2	7.8	4.9	3.5	2.8	3.0	3.3	3.0	1.7	1.5	1.8
Congenital malformations	6.2	6.2	5.3	4.8	4.7	4.9	4.9	5.1	5.0	4.5	4.6	4.5
Congenital debility [2]	4.8	3.5	2.5	2.1	1.2	1.0	.9	.9	.8	.5	.5	.5
Premature birth	19.4	17.2	16.7	15.4	13.7	12.3	11.8	11.9	11.6	12.1	11.1	11.1
Injury at birth	3.7	4.9	4.8	4.5	4.5	4.1	3.7	3.6	3.6	3.6	3.5	3.4

[1] Less than 0.05 per 1,000 births. [2] Includes icterus and sclerema for 1920–35, inclusive.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; 1920–40, Vital Statistics Rates in the United States, 1900–1940. Basic figures are published in annual reports, as follows: 1920–35, Birth, Stillbirth and Infant Mortality Statistics, and Mortality Statistics; 1940–48, Vital Statistics of the United States.

No. 89.—Life Tables, by Sex and Race: 1939–41

[See also *Historical Statistics*, series C 6-21]

Age	1939–41 [1]					
	Annual rate of mortality per 1,000 living at age x	Survivors to age x of 100,000 births	Average future lifetime at age x	Annual rate of mortality per 1,000 living at age x	Survivors to age x of 100,000 births	Average future lifetime at age x
x	$1{,}000q_x$	l_x	$\mathring{e}_x$	$1{,}000q_x$	l_x	$\mathring{e}_x$
	WHITE MALES			WHITE FEMALES		
0	48.12	100,000	62.81	37.89	100,000	67.29
1	4.87	95,188	64.98	4.32	96,211	68.93
2	2.65	94,724	64.30	2.20	95,796	68.23
3	1.90	94,474	63.46	1.61	95,585	67.38
4	1.53	94,295	62.58	1.28	95,431	66.49
5	1.38	94,150	61.68	1.10	95,309	65.57
10	1.00	93,601	57.03	.70	94,890	60.85
15	1.43	93,089	52.33	.96	94,534	56.07
20	2.12	92,293	47.76	1.45	93,984	51.38
25	2.43	91,241	43.28	1.82	93,228	46.78
30	2.79	90,092	38.80	2.20	92,320	42.21
35	3.63	88,713	34.36	2.78	91,211	37.70
40	5.13	86,880	30.03	3.68	89,805	33.25
45	7.66	84,285	25.87	5.23	87,920	28.90
50	11.55	80,521	21.96	7.62	85,267	24.72
55	17.37	75,156	18.34	11.28	81,520	20.73
60	25.48	67,787	15.05	17.14	76,200	17.00
65	36.85	58,305	12.07	26.43	68,701	13.56
70	54.54	46,739	9.42	42.33	58,363	10.50
75	83.13	33,404	7.17	68.89	44,685	7.92
80	124.71	19,860	5.38	108.19	28,882	5.88
85	181.04	9,013	4.02	162.94	14,487	4.34
90	248.94	2,812	3.06	231.41	5,061	3.24
95	320.76	552	2.40	307.96	1,109	2.47
100	389.35	65	1.96	387.39	139	1.95
	NEGRO MALES			NEGRO FEMALES		
0	82.28	100,000	52.26	65.84	100,000	55.56
1	9.37	91,772	55.93	7.96	93,416	58.46
2	4.32	90,912	55.45	3.72	92,672	57.93
3	2.69	90,520	54.69	2.48	92,327	57.14
4	2.16	90,276	53.83	2.09	92,099	56.28
5	1.86	90,082	52.95	1.75	91,906	55.40
10	1.38	89,393	48.34	1.04	91,308	50.75
15	2.74	88,610	43.74	3.07	90,594	46.13
20	5.44	86,968	39.52	5.32	88,736	42.04
25	7.33	84,227	35.72	6.27	86,198	38.20
30	8.72	80,979	32.05	7.33	83,384	34.40
35	10.71	77,221	28.48	9.24	80,092	30.71
40	13.62	72,780	25.06	11.81	76,084	27.19
45	18.59	67,346	21.88	16.02	71,157	23.89
50	25.36	60,495	19.06	21.87	64,885	20.95
55	32.48	52,426	16.60	28.58	57,314	18.38
60	39.10	43,833	14.37	34.72	48,928	16.10
65	46.85	35,371	12.21	40.90	40,504	13.93
70	57.99	27,236	10.11	49.12	32,354	11.82
75	78.03	19,456	8.17	62.94	24,502	9.81
80	107.30	12,186	6.58	81.27	17,039	8.02
85	137.83	6,444	5.34	105.29	10,622	6.41
90	174.17	2,836	4.23	141.32	5,652	4.96
95	230.27	961	3.20	195.17	2,345	3.71
100	319.00	209	2.29	272.61	659	2.70

[1] Based on 1940 census of population and deaths of 1939–41.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; United States Life Tables and Actuarial Tables, 1939–41.

No. 90.—Selected Life Table Values: 1909–11 to 1947

[See also *Historical Statistics*, series C 6–21]

Race and period	At birth		Age 20		Age 45		Age 65	
	Male	Female	Male	Female	Male	Female	Male	Female
	Annual rate of mortality per 1,000 living at age indicated							
White:								
1909–1911 [1]	123.26	102.26	4.89	4.20	12.64	9.91	43.79	37.86
1919–1921 [2]	80.25	63.92	4.27	4.33	9.26	8.14	34.99	31.68
1929–1931	62.32	49.63	3.18	2.77	9.29	7.02	38.65	31.25
1939–1941	48.12	37.89	2.12	1.45	7.66	5.23	36.85	26.43
1946	36.7	28.2	(3)	(3)	(3)	(3)	(3)	(3)
1947	34.5	26.5	(3)	(3)	(3)	(3)	(3)	(3)
Negro: [4]								
1929–1931	87.32	72.04	8.58	8.82	22.40	20.18	50.72	49.35
1939–1941	82.28	65.84	5.44	5.32	18.59	16.02	46.85	40.90
1946 [5]	55.1	45.7	(3)	(3)	(3)	(3)	(3)	(3)
1947	54.5	44.9	(3)	(3)	(3)	(3)	(3)	(3)
	Average future lifetime in years at age indicated							
White:								
1909–1911 [1]	50.23	53.62	42.71	44.88	23.86	25.45	11.25	11.97
1919–1921 [2]	56.34	58.53	45.60	46.46	26.00	26.98	12.21	12.75
1929–1931	59.12	62.67	46.02	48.52	25.28	27.39	11.77	12.81
1939–1941	62.81	67.29	47.76	51.38	25.87	28.90	12.07	13.56
1946	65.1	70.3	49.0	53.4	26.7	30.3	12.6	14.5
1947	65.2	70.5	48.7	53.4	26.3	30.2	12.3	14.2
Negro: [4]								
1929–1931	47.55	49.51	35.95	37.22	20.59	21.39	10.87	12.24
1939–1941	52.26	55.56	39.52	42.04	21.88	23.89	12.21	13.93
1946 [5]	57.5	61.0	42.8	45.7	23.4	26.0	12.7	14.6
1947	57.9	61.9	43.1	46.4	23.6	26.6	13.3	15.9

[1] For original registration States. [2] For death-registration States of 1920. [3] Not available.
[4] Values prior to 1929 excluded because of doubt as to reliability of mortality statistics for Negroes.
[5] Values relate to nonwhite population of which only small proportion are of races other than Negro.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; United States Life Tables and Actuarial Tables, 1939–41, U. S. Abridged Life Tables, 1945, and Vital Statistics of the United States 1946 and 1947.)

No. 91.—Marriage Licenses Issued—United States and Major Cities (or Counties), by Month: 1946 to 1949

[Figures for U. S. represent marriage licenses issued in 39 States and D. C.; "marriages reported" for remaining States. Figures for major-city areas represent licenses issued in 34 cities with 1940 populations of 100,000 or more and 57 counties containing the remaining 58 cities in that size group]

Month	United States				91 major cities (or counties)			
	1946	1947	1948	1949 [1]	1946	1947	1948	1949 [1]
Total	2,313,795	2,014,843	1,832,848	1,602,147	769,249	673,440	614,029	529,610
January	180,910	150,481	129,911	112,207	62,495	52,139	46,443	38,218
February	177,089	138,252	112,168	107,767	59,809	43,551	34,205	36,043
March	169,969	138,592	130,801	104,512	51,147	46,195	45,538	31,397
April	185,077	159,351	140,631	129,146	63,694	55,302	49,827	44,976
May	202,476	180,235	156,359	140,448	74,026	64,543	56,016	51,090
June	249,999	227,948	214,172	183,199	86,302	80,466	76,206	65,429
July	185,041	162,773	161,058	134,631	59,083	52,504	49,985	40,234
August	214,583	185,113	175,083	156,476	74,632	64,851	62,716	55,222
September	196,544	184,038	171,533	146,948	64,211	61,186	57,078	48,702
October	185,856	166,700	151,451	131,843	61,093	54,571	48,159	42,543
November	185,808	159,338	144,487	123,848	60,176	51,374	46,417	39,003
December	179,843	162,022	145,194	131,122	52,581	46,758	41,439	36,753

[1] Preliminary.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics. U. S. data from Quarterly Marriage Report, Vol. 3, No. 5, and Monthly Vital Statistics Bulletin, Vol. 12, Nos. 2–12, and Vol. 13, No. 1. City data from Monthly Marriage Report, Vol. 3, No. 12.

No. 92.– Marriages and Divorces—Estimated Number and Rate Per 1,000 Population, by States: 1940, 1947, and 1948

[By place of occurrence]

State	Marriages						Divorces [1]					
	Number			Rate per 1,000 [2]			Number			Rate per 1,000 [2]		
	1940	1947	1948	1940	1947	1948	1940	1947	1948	1940	1947	1948
United States	**1,595,879**	**1,991,878**	**1,811,155**	**12.1**	**13.9**	**12.4**	**264,000**	[4] **483,000**	[4] **408,000**	**2.0**	[4] **3.4**	[4] **2.8**
Alabama	34,010	46,425	20,926	12.0	16.4	7.2	4,444	10,753	9,699	1.6	3.8	3.3
Arizona	23,643	[6] 25,101	[6] 24,824	47.1	[6] 39.0	[6] 35.3	1,913	[5] 2,400	-------	3.8	[5] 3.7	-----
Arkansas	[5] 43,600	43,652	[6] 43,490	[5] 22.3	22.8	[6] 22.5	5,331	9,578	8,905	2.7	5.0	4.6
California	45,069	94,459	88,242	6.5	9.6	8.5	[5] 24,200	[5] 51,300	[5] 42,800	[5] 3.5	[5] 5.2	[5] 4.1
Colorado	7,407	[6] 15,188	[6] 14,009	6.6	[6] 13.3	[6] 11.7	[5] 2,800	-------	-------	[5] 2.5	-----	-----
Connecticut	17,374	24,294	21,611	10.1	12.3	10.9	1,743	3,271	2,847	1.0	1.7	1.4
Delaware	4,825	5,161	2,662	18.1	17.7	8.9	207	830	415	.8	2.9	1.4
District of Columbia	[6] 7,727	[6] 12,775	[6] 11,591	[6] 11.3	[6] 14.8	[6] 13.4	1,347	2,080	1,955	2.0	2.4	2.3
Florida	32,709	23,959	21,510	17.1	10.3	8.9	11,186	20,919	18,015	5.9	9.0	7.4
Georgia	[5] 39,200	[6] 68,715	[6] 68,206	[5] 12.5	[6] 21.9	[6] 21.5	[5] 4,500	-------	-------	[5] 1.4	-----	-----
Idaho	8,892	8,029	8,354	16.9	15.3	14.3	1,664	[5] 3,400	3,190	3.2	[5] 6.5	5.4
Illinois	[6] 63,445	[6] 108,461	[6] 101,051	[6] 8.0	[6] 12.9	[6] 12.1	[5] 12,700	-------	-------	[5] 1.6	-----	-----
Indiana	[5] 39,900	[6] 58,537	[6] 54,387	[5] 11.6	[6] 15.3	[6] 13.9	[5] 8,400	-------	-------	[5] 2.4	-----	-----
Iowa	48,350	30,002	28,585	19.0	11.6	10.9	4,793	6,743	5,609	1.9	2.6	2.1
Kansas	21,333	37,847	20,283	11.9	19.7	10.7	3,777	[5] 6,800	[5] 5,700	2.1	[5] 3.5	[5] 3.0
Kentucky	[5] 76,300	[6] 71,563	[6] 64,232	[5] 26.7	[6] 25.7	[6] 22.5	[5] 6,000	-------	-------	[5] 2.1	-----	-----
Louisiana	27,487	[6] 32,909	[5] 29,000	11.6	[6] 12.9	[5] 11.2	[5] 3,200	-------	-------	[5] 1.4	-----	-----
Maine	10,202	11,152	10,203	12.0	12.6	11.5	1,549	2,920	2,260	1.8	3.3	2.5
Maryland	39,305	[6] 60,181	[6] 56,177	21.5	[6] 28.1	[6] 26.1	3,227	6,658	5,999	1.8	3.1	2.8
Massachusetts	44,836	49,803	45,940	10.4	10.7	9.9	4,616	10,084	7,653	1.1	2.2	1.7
Michigan	46,342	71,319	61,986	8.8	11.8	10.0	12,054	21,386	16,017	2.3	3.5	2.6
Minnesota	[5] 27,500	[6] 35,991	[6] 33,085	[5] 9.8	[6] 12.5	[6] 11.3	2,964	5,705	4,678	1.1	2.0	1.6
Mississippi	34,088	53,584	53,645	15.6	25.6	25.4	3,263	7,004	6,607	1.5	3.3	3.2
Missouri	[5] 71,800	[6] 43,613	[6] 42,534	[5] 19.0	[6] 11.2	[6] 10.9	[5] 12,000	[5] 17,300	[5] 12,200	[5] 3.2	[5] 4.4	[5] 3.1
Montana	[5] 8,700	9,769	7,131	[5] 15.6	20.0	14.0	[5] 1,700	2,439	2,090	[5] 3.0	5.0	4.1
Nebraska	15,977	14,726	14,938	12.2	11.5	11.6	2,085	3,306	2,752	1.6	2.6	2.1
Nevada	39,030	[6] 57,556	[6] 52,360	355.4	[6] 414.1	[6] 319.3	5,189	[5] 13,800	[5] 11,000	47.3	[5] 99.3	[5] 67.1
New Hampshire	6,036	9,268	8,427	12.2	17.4	16.1	726	1,437	1,260	1.5	2.7	2.4
New Jersey	41,059	55,802	51,913	9.9	12.1	10.9	[5] 3,200	9,074	6,931	[5] .8	2.0	1.5
New Mexico	12,170	[5] 15,986	16,492	22.8	[5] 29.2	28.9	[5] 1,200	3,160	2,631	[5] 2.2	5.8	4.6
New York	132,501	165,431	156,024	9.8	11.7	11.0	[5] 11,300	-------	-------	[5] .8	-----	-----
North Carolina	[5] 15,100	[6] 32,049	[6] 29,773	[5] 4.2	[6] 8.7	[6] 7.8	[5] 3,900	[5] 7,000	-------	[5] 1.1	[5] 1.9	-----
North Dakota	4,174	5,559	5,488	6.5	10.3	9.4	[5] 500	835	683	[5] .8	1.5	1.2
Ohio	83,781	93,779	[6] 83,146	12.1	12.2	[6] 10.6	[5] 17,100	29,263	[5] 25,800	[5] 2.5	3.8	[5] 3.3
Oklahoma	33,319	[6] 21,183	[6] 20,636	14.3	[6] 9.3	[6] 9.0	[5] 9,800	-------	-------	[5] 4.2	-----	-----
Oregon	5,998	12,881	12,373	5.5	8.3	7.5	3,419	6,707	6,405	3.1	4.3	3.9
Pennsylvania	[6] 85,351	108,318	98,367	[6] 8.6	10.3	9.4	[5] 9,800	16,285	13,857	[5] 1.0	1.5	1.3
Rhode Island	6,172	9,337	8,716	8.6	12.5	11.7	653	1,540	817	.9	2.1	1.1
South Carolina	[5] 43,200	[6] 48,357	[6] 46,748	[5] 22.6	[6] 24.8	[6] 23.6	(7)	(7)	(7)	(7)	(7)	(7)
South Dakota	4,138	7,905	7,330	6.4	13.7	12.0	793	1,240	1,030	1.2	2.1	1.7
Tennessee	[5] 30,700	17,232	15,316	[5] 10.5	5.6	4.8	[5] 5,600	9,487	8,292	[5] 1.9	3.1	2.6
Texas	[5] 86,500	[6] 123,798	[6] 112,898	[5] 13.5	[6] 17.4	[6] 15.3	[5] 27,500	43,584	39,587	[5] 4.3	6.1	5.4
Utah	8,245	[6] 7,965	7,327	14.9	[6] 12.4	10.9	[5] 1,500	2,927	2,199	[5] 2.7	4.6	3.3
Vermont	4,906	4,340	3,889	13.7	11.9	10.7	428	749	520	1.2	2.0	1.4
Virginia	52,680	40,350	37,423	19.6	13.5	12.3	5,299	7,018	7,081	2.0	2.3	2.3
Washington	[5] 26,300	[6] 39,659	[6] 35,067	[5] 15.1	[6] 16.8	[6] 14.2	[5] 6,400	[5] 11,000	8,105	[5] 3.7	[5] 4.7	3.3
West Virginia	8,181	[6] 18,655	[6] 16,495	4.3	[6] 9.9	[6] 8.6	2,964	-------	-------	1.6	-----	-----
Wisconsin	23,379	35,557	32,579	7.4	11.0	9.9	3,599	6,075	5,075	1.1	1.9	1.5
Wyoming	2,935	3,696	3,736	11.8	13.9	13.1	[5] 1,000	1,468	1,246	[5] 4.1	5.5	4.4

[1] Includes reported annulments.
[2] Based on population present in area (excluding armed forces overseas).
[3] For 1940, rate for the United States based on population including armed forces overseas; for States, based on civilian population in area; for 1947–48, all rates based on population present in area (excluding armed forces overseas).
[4] Includes data for areas not shown separately. [5] Estimated. [6] Marriage licenses. [7] No divorces permitted. Figures for annulments not available.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; 1940, "Marriage and Divorce in the United States, 1937 to 1945," Vital Statistics—Special Reports, Vol. 23, No. 9; 1947–48, annual report, Vital Statistics of the United States.

No. 93.—Hospitals—Type of Control and Service: 1909 to 1948

[Covers hospitals and related institutions registered by the American Medical Association. Registration is a basic recognition extended to hospitals and related institutions in accordance with requirements outlined in "Essentials of a Registered Hospital," officially adopted by the House of Delegates of the A. M. A. See also *Historical Statistics*, series C 92–117]

Year	Type of control									
	Total			Governmental				All other	
	Hospitals	Beds		Federal		State and local		Hospitals	Beds
		Number	Rate [1]	Hospitals	Beds	Hospitals	Beds		
1909	4,359	421,065	4.7	71	8,827	[2] 232	189,049	[2] 4,056	[2] 223,189
1914	5,037	532,481	5.4	93	12,602	[2] 294	[2] 232,834	[2] 4,650	[2] 287,045
1918	5,323	612,251	5.9	110	18,815	[2] 303	[2] 262,254	[2] 4,910	[2] 331,182
1920	6,152	817,020	7.7						
1925	6,896	802,065	6.9	299	57,091	[3] 351	[3] 317,264		
1930	6,719	955,869	7.8	288	63,581	1,524	556,145	4,907	336,143
1932	6,562	1,014,354	8.1	301	74,151	1,503	605,216	4,758	334,987
1933	6,437	1,027,046	8.2	295	75,635	1,481	618,838	4,661	332,573
1934	6,334	1,048,101	8.3	313	77,865	1,436	640,023	4,585	330,213
1935	6,246	1,075,139	8.4	316	83,353	1,408	658,359	4,522	333,427
1936	6,189	1,096,721	8.6	323	84,234	1,401	679,606	4,465	332,881
1937	6,128	1,124,548	8.7	329	97,951	1,393	690,798	4,406	335,799
1938	6,166	1,161,380	8.9	330	92,248	1,398	722,888	4,438	346,244
1939	6,226	1,195,026	9.1	329	96,338	1,411	748,808	4,486	349,880
1940	6,291	1,226,245	9.3	336	108,928	1,431	764,761	4,524	352,556
1941	6,358	1,324,381	9.9	428	179,202	1,436	786,309	4,494	358,870
1942	6,345	1,383,827	10.3	474	220,938	1,450	794,843	4,421	368,046
1943	6,655	1,649,254	12.1	827	476,673	1,457	799,466	4,371	373,115
1944	6,611	1,729,945	12.5	798	551,135	1,464	801,143	4,349	377,667
1945	6,511	1,738,944	12.5	705	546,384	1,478	810,334	4,328	382,226
1946	6,280	1,468,714	10.4	464	264,486	1,498	818,248	4,318	385,980
1947	6,276	1,425,222	9.9	401	213,204	1,516	817,001	4,359	395,017
1948	6,335	1,423,520	9.7	372	185,098	1,528	834,669	4,435	403,753

Year	Type of service								
	General			Mental		Tuberculosis		All other	
	Hospitals	Beds		Hospitals	Beds	Hospitals	Beds	Hospitals	Beds
		Number	Rate [1]						
1909									
1914									
1918									
1920	4,013	311,159	2.9	521	295,382	52	10,150	1,566	200,329
1925	4,041	293,301	2.5	589	341,480	466	49,131	1,800	118,153
1930	4,302	371,609	3.0	561	437,919	515	65,940	1,341	80,401
1932	4,305	395,543	3.2	624	479,548	512	69,676	1,121	69,587
1933	4,237	386,713	3.1	621	498,955	497	70,682	1,082	70,696
1934	4,198	393,425	3.1	614	513,845	495	70,063	1,027	70,768
1935	4,257	406,174	3.2	592	529,311	496	70,373	901	69,281
1936	4,207	402,605	3.1	584	548,952	506	73,692	892	71,472
1937	4,245	412,091	3.2	579	570,616	508	76,751	796	65,090
1938	4,286	425,324	3.3	592	591,822	493	76,022	795	68,212
1939	4,356	444,947	3.4	600	606,284	480	75,972	790	67,823
1940	4,432	462,360	3.5	602	621,284	479	78,246	778	64,355
1941	4,518	533,498	4.0	596	638,144	477	82,365	767	70,374
1942	4,557	594,260	4.4	586	646,118	468	82,372	734	61,077
1943	4,885	850,576	6.2	575	650,993	455	79,860	740	67,825
1944	4,833	925,818	6.7	566	648,745	453	79,848	759	75,534
1945	4,744	922,549	6.6	563	657,393	449	78,774	755	80,228
1946	4,523	641,331	4.5	575	674,930	450	83,187	732	69,266
1947	4,539	592,453	4.1	585	680,913	441	81,328	711	70,528
1948	4,589	576,459	3.9	586	691,499	438	81,993	722	73,569

[1] Beds per 1,000 population. [2] Local hospitals included in "all other." [3] State hospitals only.

Source: American Medical Association, Council on Medical Education and Hospitals, Chicago, Ill.; annual report, Hospital Service in the United States.

No. 94.—Hospital Facilities, 1930 to 1948, and by States, 1948

[See headnote, table 93]

Year and state	Number									
	Hospitals		Beds		Bassinets		Patients admitted		Average census	
	Total	Government	Total	Government	Total	Government	Total	Government	Total	Government
TOTAL										
1930	6,719	1,812	955,869	619,726	49,584	6,303			763,382	550,737
1935	6,246	1,724	1,075,139	741,712	53,310	8,417	7,717,154	2,293,052	875,510	674,921
1940	6,201	1,767	1,226,245	873,689	61,939	10,559	10,087,548	2,869,004	1,026,171	784,672
1945	6,511	2,183	1,738,944	1,356,718	83,131	16,586	16,257,402	6,399,113	1,405,247	1,114,414
1946	6,280	1,962	1,468,714	1,082,734	84,145	15,728	15,153,452	4,598,163	1,239,454	937,932
1947	6,276	1,917	1,425,222	1,030,205	86,378	15,724	15,820,514	4,204,344	1,217,229	904,603
1948	**6,335**	**1,900**	**1,423,520**	**1,019,767**	**87,596**	**15,757**	**16,422,774**	**4,290,491**	**1,217,154**	**907,569**
1948										
Alabama	102	33	18,926	14,378	1,141	360	258,558	115,031	15,301	12,255
Arizona	58	30	6,361	4,258	492	161	94,438	34,377	4,986	3,513
Arkansas	66	14	13,546	10,591	718	114	157,573	52,346	11,626	9,303
California	371	110	100,593	79,306	4,985	1,232	1,164,984	435,415	86,071	69,273
Colorado	98	24	17,510	11,731	939	183	204,580	58,172	14,180	9,773
Connecticut	76	21	22,948	14,182	1,321	17	238,869	17,464	19,707	12,964
Delaware	16	6	3,740	2,483	244	7	34,170	2,732	3,235	2,371
Dist. of Col	28	11	16,590	13,227	866	252	145,037	51,350	14,685	12,232
Florida	128	45	19,495	14,590	1,626	637	257,221	124,457	15,015	11,828
Georgia	123	39	25,302	20,621	1,370	518	314,170	149,734	20,667	17,389
Idaho	42	11	3,923	2,486	444	84	62,717	13,265	3,223	2,174
Illinois	321	80	96,288	68,171	5,485	608	1,023,415	216,715	82,409	59,848
Indiana	135	65	29,822	22,015	2,047	587	378,274	113,536	25,864	20,167
Iowa	130	32	20,226	12,948	1,657	213	284,308	52,221	17,748	12,129
Kansas	117	42	18,056	12,890	1,392	313	227,928	63,821	15,259	11,263
Kentucky	102	31	20,943	15,630	1,210	222	279,815	98,476	16,682	12,664
Louisiana	90	19	20,444	15,658	1,261	400	290,560	108,885	15,678	12,341
Maine	58	11	8,312	5,583	621	39	88,107	8,346	7,145	5,084
Maryland	84	29	25,937	18,720	1,295	361	237,158	77,629	21,484	15,955
Massachusetts	221	70	63,858	47,947	3,463	643	552,899	135,175	55,878	43,761
Michigan	255	93	63,218	47,529	3,853	797	686,646	212,837	53,969	41,929
Minnesota	207	68	32,777	22,811	2,217	443	410,306	81,606	28,545	20,539
Mississippi	93	26	11,828	8,783	855	222	178,922	61,621	9,916	7,952
Missouri	147	41	35,978	24,880	2,346	410	402,271	101,093	31,241	22,062
Montana	51	11	5,492	2,770	585	44	90,646	8,178	4,487	2,485
Nebraska	101	21	11,989	7,594	1,037	92	158,065	18,492	10,426	7,148
Nevada	14	9	1,168	926	128	73	19,556	10,752	929	789
New Hampshire	39	10	5,936	3,832	483	55	72,541	8,233	5,035	3,498
New Jersey	158	51	50,289	36,634	2,944	516	450,181	95,509	42,194	32,241
New Mexico	49	19	4,257	2,786	348	82	59,077	19,594	3,203	2,240
New York	520	150	203,162	150,452	9,430	1,425	1,754,763	458,233	180,685	139,598
North Carolina	163	43	24,920	15,761	2,145	320	404,948	82,764	20,082	13,337
North Dakota	47	12	6,355	3,882	572	47	94,604	7,915	5,502	3,670
Ohio	240	81	64,513	45,195	3,921	579	804,866	150,947	57,895	41,748
Oklahoma	117	42	16,209	12,171	1,175	318	204,062	60,748	14,168	11,489
Oregon	72	18	12,667	8,086	961	84	191,999	25,365	10,723	7,192
Pennsylvania	340	74	101,360	64,179	6,366	317	1,102,288	127,943	89,692	58,808
Rhode Island	23	7	9,161	6,817	501	53	93,804	34,605	7,541	5,640
South Carolina	65	29	14,004	11,121	937	406	197,951	100,438	11,402	9,494
South Dakota	51	17	6,617	4,351	552	76	85,151	11,634	5,468	3,737
Tennessee	126	35	22,545	16,595	1,408	327	305,238	98,157	18,611	14,416
Texas	455	104	51,360	35,674	4,190	914	871,861	247,061	41,559	30,897
Utah	32	13	4,212	2,565	581	98	74,679	14,345	3,560	2,295
Vermont	30	6	4,033	1,882	320	------	49,420	4,827	3,638	1,851
Virginia	126	37	28,966	21,936	1,731	388	344,451	104,084	24,635	19,506
Washington	120	38	24,456	17,151	1,759	209	329,159	70,994	20,020	14,753
West Virginia	81	22	13,704	8,213	1,016	114	221,908	33,295	11,236	7,173
Wisconsin	219	87	36,037	24,636	2,427	269	427,762	80,656	31,366	22,395
Wyoming	28	13	3,487	3,140	231	128	40,868	29,508	2,583	2,400

Source: American Medical Association, Council on Medical Education and Hospitals, Chicago, Ill.; annual report, Hospital Service in the United States.

No. 95.—Patients in Hospitals for Mental Disease and in Institutions for Mental Defectives and Epileptics, Under Public and Private Control: 1923 to 1947

Year	Patients in hospitals for mental disease at beginning of year					Mental defectives and epileptics in institutions at beginning of year				
	Total		Public hospitals		Private hospitals	Total		Public institutions		Private institutions
	Number of patients	Rate [1]	State	Other [2]		Number of patients	Rate [1]	State	City	
1923	267,617	241.7	229,837	28,549	9,231	51,731	46.7	46,580	1,363	3,788
1931	337,573	273.0	292,284	36,731	8,558	72,565	58.7	72,565	[3]	[3]
1932	305,031	[4]	305,031	[3]	[3]	76,726	61.6	76,726	[3]	[3]
1933	376,748	300.9	321,824	44,871	10,053	90,440	72.2	84,131	1,939	4,370
1934	391,791	310.9	332,094	49,873	9,824	93,438	74.2	87,382	1,603	4,453
1935	403,895	318.4	342,167	51,789	9,939	95,101	75.0	89,760	1,103	4,238
1936	419,832	328.7	353,604	55,725	10,503	96,995	75.9	91,754	818	4,423
1937	431,990	336.2	364,563	56,111	11,316	98,765	76.9	93,772	538	4,455
1938	444,989	344.9	374,169	59,774	11,046	102,328	79.1	97,209	538	4,581
1939	459,258	352.2	389,979	58,158	11,121	100,903	77.4	95,996	[3]	4,907
1940	[5] 461,358	[5] 351.0	[5] 393,804	[5] 56,849	10,705	[6] 102,292	[6] 77.8	[6] 98,228	521	3,543
1941	480,741	362.4	409,055	61,098	10,588	[7] 103,288	[7] 77.9	[7] 98,863	523	3,902
1942	[8] 490,448	[8] 364.2	[8] 426,291	52,143	12,014	[9] 113,597	[9] 84.4	[9] 107,781	504	5,312
1943	[8] 498,828	[8] 365.4	[8] 432,254	54,643	11,931	[10] 112,449	[10] 82.4	[10] 106,112	500	5,837
1944	501,751	363.4	432,375	57,182	12,194	[11] 118,153	[11] 85.6	[11] 111,650	472	6,031
1945	[12] 510,661	[12] 365.8	[12] 433,763	[12] 63,875	13,023	[9] 117,783	[9] 84.4	[9] 111,550	452	5,781
1946	[13] 518,672	[13] 374.8	[13] 439,967	66,704	12,001	[14] 118,467	[14] 85.6	[14] 112,071	[14] 417	5,979
1947	[8] 530,255	[8] 371.7	[8] 446,156	71,694	12,405	[15] 122,605	[15] 85.9	[15] 115,870	408	6,327

[1] Per 100,000 estimated population as of Jan. 1, 1923 to 1941; July 1, 1942 to 1945. Per 100,000 estimated civilian population as of July 1, 1946 and 1947.
[2] Covers veterans', county, and city hospitals. [3] Data not available. [4] Not computed.
[5] 3 State hospitals and 1 veterans' hospital did not report. [6] 9 institutions did not report.
[7] 8 institutions did not report.
[8] Includes estimates for 2 hospitals, and for 1947 includes figures for Ohio receiving hospitals.
[9] 4 institutions did not report. [10] 7 institutions did not report. [11] 2 institutions did not report.
[12] Includes estimates for 5 State and 1 veterans' hospital. [13] Includes figures for Ohio receiving hospitals.
[14] 4 State institutions and 1 city institution did not report. [15] Includes estimates for 3 institutions.

No. 96.—Movement of Patient Population in Hospitals for Mental Disease and in Institutions for Mental Defectives and Epileptics: 1945, 1946, and 1947

Item	Hospitals for mental disease				Institutions for mental defectives and epileptics			
	1945 [1]	1946 [1]	1947		1945 [1]	1946 [1]	1947	
			Total [1]	State			Total [1]	State
Patients on books at beginning of year	**581,096**	**592,268**	**607,194**	**513,942**	**136,324**	**136,615**	**141,759**	**134,856**
In hospitals and institutions	510,661	518,672	530,255	446,156	117,783	118,467	122,605	115,870
Absent	70,435	73,596	76,939	67,786	18,541	18,148	19,154	18,986
In family care	2,309	2,165	2,051	2,051	756	823	889	889
On parole or otherwise absent	68,126	71,431	74,888	65,735	17,785	17,325	18,265	18,097
Admissions during the year	**193,894**	**231,239**	**248,677**	**130,872**	**13,234**	**13,660**	**14,970**	**13,547**
First admissions	141,718	153,025	170,258	93,749	11,338	11,162	12,060	10,752
Readmissions	44,235	61,922	64,801	29,643	1,002	1,462	1,281	1,183
Transfers from other hospitals for mental disease or institutions for mental defectives and epileptics	7,941	16,292	13,618	7,480	894	1,036	1,629	1,612
Separations during the year	**182,536**	**217,049**	**235,850**	**123,327**	**11,619**	**12,293**	**12,848**	**11,530**
Discharges	126,270	151,165	168,495	71,704	7,304	6,830	7,585	6,626
Transfers to other hospitals for mental disease or institutions for mental defectives and epileptics	10,182	17,062	19,368	9,730	1,306	1,664	2,014	1,866
Deaths in hospitals or institutions	45,058	47,830	47,052	41,162	2,886	3,228	3,075	2,866
Deaths while on parole	1,026	992	935	731	123	571	174	172
Patients on books at end of year	**592,454**	**606,458**	**620,021**	**521,487**	**137,939**	**137,982**	**143,881**	**136,873**
In hospitals or institutions	518,018	529,247	540,987	452,464	119,232	119,456	125,123	118,281
Absent	74,436	77,211	79,034	69,023	18,707	18,526	18,758	18,592
In family care	2,191	2,063	2,244	2,244	823	915	933	933
On parole or otherwise absent	72,245	75,148	76,790	66,779	17,884	17,611	17,825	17,659

[1] Institutions under Federal, State, private, and local government control. See notes 8, 9, 12 to 15, table 95.

Source of tables 95 and 96: Federal Security Agency, Public Health Service; annual report, Patients in Mental Institutions.

No. 97.—Patients in Hospitals for Mental Disease and in Institutions for Mental Defectives and Epileptics, by States: 1947

Division and state	Patients in hospitals for mental disease				Mental defectives and epileptics in institutions					
	Resident patients at end of year	First admissions during year			Resident patients at end of year	First admissions during year				
		All hospitals	Public hospitals [1]			All institutions			Public institutions [4]	
			Number	Rate [2]		Total [3]	Defectives	Epileptics	Number	Rate [2]
United States	**540,987**	**170,258**	**136,311**	**95.5**	**125,123**	**12,060**	**9,876**	**1,803**	**10,810**	**7.6**
New England	**46,284**	**13,379**	**10,661**	**117.0**	**12,764**	**927**	**796**	**102**	**864**	**9.5**
Maine	3,154	1,007	893	101.0	1,071	34	34		34	3.8
New Hampshire	2,602	779	779	146.7	696	65	61	4	65	12.2
Vermont	1,918	500	371	101.6	390	22	19	3	22	6.0
Massachusetts	25,810	6,809	5,634	121.9	7,211	629	532	76	583	12.6
Rhode Island	3,384	944	744	100.5	839	57	47	6	52	7.0
Connecticut	9,416	3,340	2,240	113.7	2,557	120	103	13	108	5.5
Middle Atlantic	**143,558**	**32,031**	**27,063**	**92.6**	**35,889**	**3,527**	**2,873**	**507**	**2,855**	**9.8**
New York	84,445	18,613	15,809	111.8	20,704	2,147	1,858	215	1,857	13.1
New Jersey	19,659	5,192	4,743	103.5	5,870	587	407	152	489	10.7
Pennsylvania	39,454	8,226	6,511	62.0	9,315	793	608	140	509	4.8
East North Central	**109,833**	**34,295**	**27,696**	**95.0**	**32,163**	**2,970**	**2,411**	**519**	**2,795**	**9.6**
Ohio	25,202	9,416	7,796	101.7	7,598	810	597	213	810	10.6
Indiana	10,552	3,158	2,275	59.4	4,180	308	223	85	308	8.0
Illinois	37,371	10,957	9,595	114.7	9,359	870	728	118	793	9.5
Michigan	21,680	6,230	4,435	73.2	7,831	606	527	79	588	9.7
Wisconsin	15,028	4,534	3,595	110.8	3 195	376	336	24	296	9.1
West North Central	**51,012**	**14,993**	**11,095**	**81.0**	**15,808**	**1,303**	**1,026**	**246**	**1,224**	**8.9**
Minnesota	11,755	3,958	2,696	93.4	4,269	459	376	70	431	14.9
Iowa	9,650	3,060	1,834	70.8	3,559	259	229	30	250	9.6
Missouri	14,687	4,334	3,120	80.0	2,380	196	146	47	179	4.6
North Dakota	2,281	467	467	86.3	1,111	108	78	20	95	17.6
South Dakota	1,817	530	530	92.2	726	64	57	7	64	11.1
Nebraska	4,976	1,288	1,092	85.2	1,740	76	52	19	64	5.0
Kansas	5,846	1,356	1,356	70.9	2,023	141	88	53	141	7.4
South Atlantic	**64,627**	**23,854**	**19,695**	**103.4**	**7,498**	**750**	**668**	**80**	**696**	**3.6**
Delaware	1,332	328	328	113.1	474	36	36		36	12.4
Maryland	8,824	2,992	1,941	91.9	1,505	140	114	25	119	5.6
Dist. of Columbia	6,677	1,447	1,447	174 1	661	53	53		53	6.4
Virginia	10,884	3,587	3,324	112.5	1,999	208	175	33	191	6.5
West Virginia	5,239	2,091	2,081	110.6	111	30	30		30	1.6
North Carolina	9,080	3,571	2,881	78.7	828	42	41		41	1.1
South Carolina	5,561	2,052	1,991	103.2	971	56	53	3	56	2.9
Georgia	10,286	3,749	2,977	95.6	548	110	110		110	3.5
Florida	6,744	4,037	2,725	119.5	401	75	56	19	60	2.6
East South Central	**28,100**	**11,873**	**9,983**	**92.8**	**2,915**	**352**	**331**	**21**	**337**	**3.1**
Kentucky	7,951	3,015	2,379	86.2	804	93	93		79	2.9
Tennessee	8,267	2,849	2,506	81.2	745	52	52		51	1.6
Alabama	6,823	3,515	2,989	105.7	997	175	158	17	175	6.2
Mississippi	5,059	2,494	2,109	101.0	369	32	28	4	32	1.5
West South Central	**37,932**	**14,426**	**11,368**	**82.7**	**5,889**	**608**	**389**	**219**	**605**	**4.4**
Arkansas	5,428	2,082	2,075	108.5						
Louisiana	8,006	3,051	2,189	86.4	806	37	29	8	35	1.4
Oklahoma	7,990	2,754	1,841	80.9	1,629	172	100	72	171	7.5
Texas	16,508	6,539	5,263	74.9	3,454	399	260	139	399	5.7
Mountain	**13,934**	**5,044**	**3,677**	**84.5**	**3,019**	**254**	**223**	**24**	**248**	**5.7**
Montana	2,068	391	391	80.3	504	33	25	3	33	6.8
Idaho	1,269	362	362	69 0	640	60	52	8	60	11.4
Wyoming	733	204	204	78.5	405	25	21	2	25	9.6
Colorado	5,418	2,066	934	82.9	859	60	53	7	54	4.8
New Mexico	1,211	679	444	82.5	67	7	7		7	1.3
Arizona	1,522	687	687	107.8						
Utah	1,317	487	487	76.3	544	69	65	4	69	10.8
Nevada	396	168	168	120.9						
Pacific	**45,707**	**20,363**	**15,073**	**111.2**	**9,178**	**1,369**	**1,159**	**85**	**1,186**	**8.8**
Washington	7,624	2,381	2,023	87.2	2,070	175	166	9	175	7.5
Oregon	4,968	1,888	1,603	103.8	1,049	98	98		98	6.3
California	33,115	16,094	11,447	118.2	6,059	1,096	895	76	913	9.4

[1] Includes figures for Ohio receiving hospitals; also data for all veterans with neuropsychiatric disorders in all Federal hospitals, by State of residence on admission.
[2] Per 100,000 estimated civilian population, July 1, 1947.
[3] Includes 381 persons neither mentally defective nor epileptic.
[4] Includes estimates for 3 institutions.

Source: Federal Security Agency, Public Health Service; annual report, Patients in Mental Institutions.

No. 98.—First Admissions to Hospitals for Mental Disease, by Mental Disorder and Sex: 1946 and 1947

Diagnosis	Number				Percent distribution				Admitted to State hospitals, 1947
	1946 [1]	1947 [1]			1946 [1]	1947 [1]			
		Total	Male	Female		Total	Male	Female	
All patients	122,889	131,072	65,798	65,274	100.0	100.0	100.0	100.0	93,749
Total with psychoses	101,444	106,507	49,142	57,365	82.5	81.2	74.7	87.9	79,646
General paresis	5,746	5,247	3,719	1,528	4.7	4 0	5.6	2.3	4,880
With other forms of syphilis of the C. N. S.	801	743	481	262	.6	.6	.7	.4	640
With epidemic encephalitis	192	179	89	90	.2	.1	.1	.1	148
With other infectious diseases	314	280	137	143	.2	.2	.2	.2	216
Alcoholic	4,801	5,450	4,276	1,174	3.9	4.2	6.5	1.8	4,135
Due to drugs and other exogenous poisons	600	678	291	387	.5	.5	.4	.6	383
Traumatic	498	526	424	102	.4	.4	.6	.2	441
With cerebral arteriosclerosis	15,506	16,367	8,846	7,521	12.6	12.5	13.4	11.5	14,362
With other disturbances of circulation	895	881	471	410	.7	.7	.7	.6	653
With convulsive disorders	1,537	1,537	847	690	1.2	1 2	1.3	1.0	1,347
Senile	13,491	13,692	6,268	7,424	11.0	10 4	9.5	11.4	11,039
Involutional psychoses	6,776	7,307	1,859	5,448	5.5	5.6	2.8	8.3	4,249
Due to other metabolic, etc., diseases	868	911	345	566	.7	.7	.5	.9	726
Due to new growth	218	250	138	112	.2	.2	.2	.2	203
With organic changes of the nervous system	1,149	1,202	644	558	.9	.9	1.0	.8	951
Psychoneuroses	6,416	6,996	2,365	4,631	5.2	5.3	3.6	7.1	3,331
Manic-depressive	11,258	11,222	3,670	7,552	9.2	8.6	5.6	11.6	6,548
Dementia praecox (schizophrenia)	21,695	24,141	9,697	14,444	17.6	18.4	14.7	22.1	18,675
Paranoia and paranoid conditions	1,687	1,872	791	1,081	1.4	1.4	1.2	1.6	1,117
With psychopathic personality	1,036	1,259	759	500	.8	1.0	1.2	.8	896
With mental deficiency	2,641	2,626	1,331	1,295	2.1	2 0	2.0	2.0	2,401
Other and undiagnosed psychoses	3,319	3,141	1,694	1,447	2.7	2.4	2.6	2.2	2,305
Total without psychoses	15,850	18,950	13,690	5,260	12.9	14.4	20.8	8.0	11,256
Epilepsy	469	437	252	185	.4	.3	.4	.3	314
Mental deficiency	1,329	1,541	927	614	1.1	1.2	1.4	.9	1,415
Alcoholism	8,117	10,492	8,580	1,912	6 6	8.0	13.0	2.9	4,705
Drug addiction	906	907	489	418	.7	.7	.7	.6	392
Personality disorders due to epidemic encephalitis	83	101	61	40	.1	.1	.1	.1	84
Psychopathic personality	1,232	1,601	1,112	489	1.0	1.2	1.7	.7	1,323
Primary behavior disorders	588	811	497	314	.5	.6	.8	.5	628
Other, unclassified, and unknown	3,126	3,060	1,772	1,288	2.5	2 3	2 7	2.0	2,395
Mental disorders not reported	5,595	5,615	2,966	2,649	4 6	4 3	4.5	4 0	2,847

[1] Includes data for Ohio receiving hospitals; and excludes data for veteran neuropsychiatric patients in all Federal hospitals by State of residence on admission.

Source: Federal Security Agency, Public Health Service; annual report, Patients in Mental Institutions.

No. 99.—First Admissions to State Hospitals for Mental Disease—Patients With Psychosis Only, by Sex and Age: 1946 and 1947

Age	1946 [1]			1947 [2]		
	Total	Male	Female	Total	Male	Female
Total	77,518	38,613	38,905	79,646	39,674	39,972
Under 15 years	371	210	161	376	205	171
15 to 19	2,778	1,468	1,310	2,671	1,423	1,248
20 to 24	4,571	2,140	2,431	4,797	2,215	2,582
25 to 29	5,573	2,309	3,264	5,751	2,434	3,317
30 to 34	6,232	2,672	3,560	6,658	2,898	3,760
35 to 39	6,934	3,393	3,541	7,171	3,457	3,714
40 to 44	6,068	3,202	2,866	6,463	3,316	3,147
45 to 49	5,995	2,918	3,077	6,033	2,974	3,059
50 to 54	5,208	2,474	2,734	5,475	2,618	2,857
55 to 59	5,092	2,655	2,437	5,027	2,603	2,424
60 to 64	5,103	2,853	2,250	5,387	2,986	2,401
65 to 69	5,530	3,013	2,517	5,513	3,045	2,468
70 and over	17,403	8,956	8,447	17,797	9,222	8,575
Age unknown	660	350	310	527	278	249

[1] Excludes data for 4 hospitals, includes data for Ohio receiving hospitals.
[2] Excludes data for 5 hospitals, includes data for Ohio receiving hospitals.

Source: Federal Security Agency, Public Health Service; annual report, Patients in Mental Institutions.

No. 100.—Patients With Psychosis in State Hospitals for Mental Disease—Discharges, by Psychosis: 1946 and 1947

Psychosis	1946[1]				1947[1]			
	Total	Recovered	Improved	Unimproved and unclassified	Total	Recovered	Improved	Unimproved and unclassified
Total	**54,170**	**15,700**	**31,618**	**6,852**	**56,202**	**15,538**	**33,470**	**7,194**
General paresis	2,764	394	2,041	329	2,542	355	1,859	328
Other forms of syphilis of the C. N. S.	498	88	348	62	443	75	296	72
With epidemic encephalitis	113	15	76	22	111	22	65	24
With other infectious diseases	158	76	67	15	162	51	94	17
Alcoholic	3,920	2,098	1,609	213	4,304	2,222	1,794	288
Due to drugs and other exogenous poisons	377	210	150	17	448	235	193	20
Traumatic	317	68	208	41	358	75	227	56
With cerebral arteriosclerosis	3,088	538	2,011	539	3,237	459	2,216	562
With other disturbances of circulation	212	48	139	25	209	49	128	32
With convulsive disorders	1,222	178	813	231	1,131	171	751	209
Senile	1,399	104	902	393	1,483	125	918	440
Involutional psychoses	3,470	1,387	1,831	252	3,884	1,411	2,194	279
Due to other metabolic, etc., diseases	434	145	231	58	376	120	205	51
Due to new growth	38	7	19	12	43	8	22	13
With organic changes of the nervous system	309	41	182	86	365	57	220	88
Psychoneuroses	3,439	990	1,997	452	4,009	970	2,409	630
Manic-depressive	10,797	4,860	5,270	667	10,543	4,741	5,201	601
Dementia praecox (schizophrenia)	16,556	3,102	10,917	2,537	17,136	3,144	11,552	2,440
Paranoia and paranoid conditions	963	183	643	137	984	211	606	167
With psychopathic personality	1,070	482	448	140	1,187	494	531	162
With mental deficiency	1,835	420	1,106	309	1,804	361	1,091	352
Other, undiagnosed, and unknown	1,191	266	610	315	1,443	182	898	363

[1] Excludes data for 4 hospitals; includes data for Ohio receiving hospitals.

Source: Federal Security Agency, Public Health Service; annual report, Patients in Mental Institutions.

No. 101.—First Admissions to Institutions for Mental Defectives and Epileptics, by Sex, Mental Status, and Type of Epilepsy: 1947

Status and type	Total[1]	State institutions[1]			Other institutions		
		Total	Male	Female	Total	Male	Female
Total	**12,060**	**10,752**	**6,083**	**4,669**	**1,308**	**706**	**602**
Defective, total	**9,876**	**8,833**	**5,004**	**3,829**	**1,043**	**574**	**469**
Idiot	1,764	1,612	902	710	152	85	67
Imbecile	2,870	2,639	1,445	1,194	231	112	119
Moron	4,084	3,682	2,110	1,572	402	229	173
Not reported	1,158	900	547	353	258	148	110
Epileptic, total	**1,803**	**1,686**	**944**	**742**	**117**	**55**	**62**
Symptomatic	652	602	343	259	50	18	32
Idiopathic	868	842	464	378	26	12	14
Not reported	283	242	137	105	41	25	16
Neither defective nor epileptic	381	233	135	98	148	77	71

[1] Includes estimates for 3 institutions.

Source: Federal Security Agency, Public Health Service; annual report, Patients in Mental Institutions.

No. 102.—Reportable Diseases—Number of Cases Reported, by Selected Causes, by Months: 1948

[Figures on number of reported cases of communicable diseases in this and following table should be interpreted with caution. Reporting of most of these diseases is known to be seriously incomplete, with degree of completeness varying from State to State. However, these figures have proved valuable to health authorities in giving early warnings of epidemic conditions. They should not be interpreted as measures of total amount of illness caused by the diseases concerned]

DISEASE	Total	January	February	March	April	May	June	July	August	September	October	November	December
Chickenpox	331,431	41,091	40,715	56,566	45,787	38,637	28,915	7,746	2,615	2,001	7,119	22,007	38,232
Diphtheria	9,610	1,088	844	792	585	672	520	443	541	756	1,426	1,018	925
Dysentery	43,322	3,536	1,775	1,741	2,201	3,605	3,948	4,790	3,985	3,645	4,994	4,104	4,998
Encephalitis, infectious	575	31	41	45	37	41	37	50	75	101	36	41	40
Influenza	165,805	53,668	49,254	25,903	9,963	5,236	2,778	1,729	1,963	2,196	3,788	3,988	5,339
Malaria	9,797	441	346	529	580	932	1,276	1,672	1,300	1,095	849	488	289
Measles	613,810	37,591	60,300	98,806	111,710	123,102	91,924	29,909	7,202	3,338	6,156	14,362	29,410
Meningitis, meningococcus	3,375	373	359	382	295	319	242	238	199	181	232	251	304
Mumps	238,764	23,149	26,803	41,298	40,405	37,469	25,908	10,341	4,713	3,417	4,568	8,219	12,474
Pellagra	1,001	110	88	99	112	122	107	80	71	79	63	38	32
Pneumonia (all forms)	80,072	11,743	10,985	10,991	8,308	6,353	4,940	3,947	3,149	3,985	4,405	4,941	6,325
Poliomyelitis	27,902	175	112	123	138	549	1,104	3,663	5,824	7,197	4,789	2,814	1,414
Rocky Mountain spotted fever	526	3	1	1	8	61	109	151	103	54	13	16	6
Scarlet fever	78,662	9,359	9,766	11,718	8,579	8,195	5,863	2,197	1,441	2,022	4,466	6,050	9,006
Septic sore throat	19,277	1,964	1,744	1,873	1,466	1,589	1,297	1,782	1,571	1,320	1,626	1,507	1,538
Smallpox	56	11	14	6	9	2	1	2	3	1			7
Tuberculosis (all forms)	133,500	10,058	10,097	10,483	13,222	12,256	12,053	12,461	10,711	10,312	10,834	9,001	12,012
Tularemia	1,093	112	71	54	75	96	114	107	89	71	61	70	173
Typhoid and paratyphoid fever [1]	3,962	203	156	254	267	314	336	454	426	515	368	332	337
Typhus fever (endemic)	1,184	88	45	51	49	82	129	160	147	116	115	103	99
Undulant fever	4,886	421	305	444	393	412	502	603	398	422	401	285	300
Whooping cough	74,294	10,645	8,645	9,607	8,275	7,678	5,981	5,150	4,007	3,957	3,238	3,362	3,749
Venereal diseases:													
Gonorrhea [2]	345,501			82,816			86,312			93,802			82,571
Syphilis [2]	314,313			81,786			84,123			78,603			69,801

[1] Includes cases reported as salmonella infection. [2] Reports received by quarters only.

Source: Federal Security Agency, Public Health Service.

No. 103.—Reportable Diseases—Number of Cases Reported in a Group of States: 1943 to 1948

[For qualifications of data, see headnote, table 102. For rates for selected diseases, see *Historical Statistics*, series C 85–91]

DISEASE	Number of States [1]	1943	1944	1945	1946	1947	1948
Chickenpox	48	304,203	319,902	286,507	229,863	317,565	331,431
Diphtheria	49	14,811	14,150	18,669	16,354	12,405	9,610
Dysentery	49	44,075	51,576	50,173	35,146	29,625	43,322
Influenza	46	463,135	480,708	517,206	286,692	443,339	165,805
Malaria	49	54,555	57,629	62,763	48,610	17,317	9,797
Measles	49	633,627	630,291	146,002	695,843	221,115	613,810
Meningitis, meningococcus	49	18,221	16,315	8,190	5,693	3,399	3,375
Mumps	46	203,046	177,526	198,026	161,735	155,852	238,764
Pneumonia (all forms)	48	164,325	146,109	124,912	116,949	77,995	80,072
Poliomyelitis	49	12,449	19,029	13,619	25,698	10,734	27,902
Rocky Mountain spotted fever	49	467	470	475	589	565	526
Scarlet fever	49	142,622	192,661	175,398	115,890	84,379	78,662
Smallpox	49	765	397	346	337	173	56
Tuberculosis (all forms)	49	121,634	128,927	117,802	118,241	130,474	133,500
Typhoid and paratyphoid fever	49	5,540	5,529	4,860	3,993	4,068	[2] 3,962
Typhus fever	49	4,530	5,401	5,193	3,365	1,901	1,184
Undulant fever	49	3,734	4,436	5,049	5,887	6,147	4,886
Whooping cough	49	191,890	109,873	133,792	109,860	155,991	74,294
Venereal diseases:							
Gonorrhea	49	204,018	287,947	313,352	414,474	380,686	345,501
Syphilis	49	509,465	398,272	350,128	384,140	355,925	314,313

[1] District of Columbia counted as a State. [2] Includes cases reported as salmonella infection.

Source: Federal Security Agency, Public Health Service.

No. 104.—Physicians and Dentists, and Medical and Dental Schools: 1920 to 1949

[See also *Historical Statistics*, series C 79–84]

ITEM	1920	1930	1940	1945	1946	1947	1948	1949
Physicians, number	144,977	153,803	175,382	----	----	----	199,745	[1] 202,516
Medical schools:								
Number	85	76	77	77	78	78	79	79
Graduates	3,047	4,565	5,097	[2] 5,136	[3] 5,826	[2] 6,389	[2] 5,543	[2] 5,094
Dentists, number	56,152	71,055	70,601	----	----	----	75,645	----
Dental schools:								
Number	46	38	39	39	40	40	41	(4)
Graduates	906	1,561	1,757	3,212	2,666	2,225	1,913	(4)

[1] April 15, 1949.
[2] Includes only those graduating through June 30.
[3] Includes only those graduating through May 31.
[4] Not available.

Source: Federal Security Agency, Public Health Service. (Compiled from various sources.)

No. 105.—Nutrition—Apparent Civilian Per Capita Consumption of Major Food Commodities: 1935 to 1949

[**In pounds.** Data on calendar year basis except as follows: Dried fruit, pack year; fresh citrus fruits, peanuts, and rice, crop year beginning previous year. See also *Historical Statistics*, series C 128–155]

COMMODITY	1935–39, average	1943	1944	1945	1946	1947	1948	1949 [1]
Meats (carcass weight), total	126.2	146.0	153.5	144.4	153.4	155.0	146.4	146.8
Beef	55.2	52.9	55.3	59.0	61.3	69.1	63.3	64.1
Veal	8.1	8.2	12.4	11.8	9.9	10.7	9.4	8.5
Lamb and mutton	6.8	6.4	6.6	7.3	6.6	5.4	5.0	4.0
Port (excluding lard)	56.1	78.5	79.2	66.3	75.6	69.8	68.7	70.2
Fish (edible weight), total	11.1	8.2	8.9	10.6	11.0	10.8	11.0	[2]
Fresh and frozen	5.3	5.6	5.6	7.1	6.2	6.2	6.5	[2]
Canned [3]	4.8	1.9	2.6	2.6	3.8	3.8	4.5	[2]
Cured	1.0	.7	.7	.9	1.0	.8		
Poultry products:								
Eggs	37.3	43.2	43.8	49.6	46.8	47.4	48.2	46.8
Eggs (number)	*298*	*346*	*350*	*397*	*374*	*379*	*386*	*374*
Chicken (dressed weight)	17.9	30.5	26.8	28.8	25.4	23.6	23.0	25.4
Turkey (dressed weight)	2.6	3.3	3.3	4.3	4.5	4.5	3.7	4.1
Dairy products:								
Total milk (whole milk equivalent)	801	760	773	803	813	794	750	742
Cheese	5.5	4.9	4.8	6.6	6.6	6.9	6.8	7.1
Condensed and evaporated milk	16.7	18.8	15.6	18.2	18.5	20.4	20.6	20.3
Fluid milk and cream	340	394	411	432	423	398	387	375
Fats and oils, total, fat content	44.7	41.6	40.5	38.8	39.7	41.8	42.5	41.5
Butter, farm and factory (actual weight)	16.7	11.8	11.9	10.9	10.5	11.2	10.0	10.3
Lard	11.0	13.0	12.3	11.6	11.8	12.7	13.0	12.3
Margarine (actual weight)	2.9	3.9	3.8	4.0	3.8	5.0	6.1	5.6
Shortening	11.7	9.5	8.9	9.1	10.1	9.3	9.6	9.5
Other edible fats and oils	6.3	6.5	6.7	6.1	6.2	6.9	7.0	7.0
Fruits:								
Fresh, total	137.7	121.0	143.7	144.7	140.9	145.5	131.1	129.1
Citrus	48.9	60.0	67.9	66.2	58.7	61.9	53.9	47.2
Apples (commercial)	30.4	24.8	25.4	22.9	23.2	25.2	25.8	24.8
Other (excluding melons)	58.4	36.2	50.4	55.6	59.0	58.4	51.4	57.1
Processed:								
Canned fruit	14.9	12.8	9.3	14.3	21.8	18.2	18.0	18.2
Canned juices	3.9	7.7	10.5	10.9	17.7	16.3	18.1	14.9
Frozen	.8	1.1	2.0	2.3	3.1	3.2	3.0	3.0
Dried	5.8	5.9	6.1	5.9	4.5	4.4	4.0	4.0
Vegetables:								
Fresh	235	238	254	267	271	251	255	243
Canned	29.9	36.7	34.2	42.9	46.5	40.0	36.8	36.2
Frozen	[4] .4	.7	1.6	1.9	2.0	2.6	3.0	2.9
Potatoes	131	131	128	126	127	123	108	110
Sweetpotatoes	21.4	21.3	19.6	18.8	18.2	15.9	12.8	13.8
Dry edible beans	8.8	8.9	7.7	7.7	8.7	6.6	7.3	7.5
Sugar (refined)	97.0	80.0	89.1	73.5	74.4	91.1	95.6	93.3
Grains:								
Corn meal	22.9	20.6	19.5	18.0	15.9	14.6	14.5	15
Corn sirup	7.6	11.8	11.6	11.9	11.8	12.8	8.2	9.0
Corn starch	1.3	1.8	1.4	1.9	1.8	1.9	1.7	1.7
Corn sugar	2.7	4.2	3.9	3.9	3.8	4.5	4.0	4.2
Breakfast cereals	1.6	2.5	2.5	2.2	2.0	1.7	1.5	1.6
Hominy	1.4	2.1	2.2	2.3	2.4	2.4	2.4	2.4
Oatmeal	3.9	4.1	3.2	3.6	3.7	3.5	3.2	3.2
Barley food products [5]	1.4	1.8	1.4	1.5	2.0	1.9	1.5	1.5
Wheat:								
Flour [6]	153	164	154	158	154	135	135	135
Breakfast cereals	3.7	3.8	3.7	3.7	3.5	3.5	3.5	3.5
Rye flour	2.2	3.1	2.6	2.6	1.9	1.7	1.6	1.6
Rice, milled	5.6	5.6	5.4	4.9	4.0	5.8	4.8	4.5
Beverages:								
Coffee [7]	14.0	12.9	15.7	16.3	19.9	17.3	18.9	17.8
Tea	.67	.54	.53	.55	.52	.55	.55	.56
Cocoa beans	4.4	2.9	3.6	4.0	4.2	4.2	3.7	4.1
Peanuts (shelled)	4.4	6.7	5.7	5.8	6.4	5.0	4.7	4.4

[1] Preliminary. [2] Data not available.
[3] Excludes canned food products containing small quantities of fish such as clam chowder, etc.
[4] Average for 1937–39. [5] In terms of malt equivalent.
[6] Comprises white, whole wheat, and semolina flour. [7] Green bean basis.

Source: Department of Agriculture, Bureau of Agricultural Economics; published quarterly in National Food Situation.

No. 106.—Nutrition—Nutrients Available for Civilian Consumption Per Capita Per Day: 1935 to 1949

[Computed by Bureau of Human Nutrition and Home Economics on basis of estimates of apparent civilian consumption (retail basis) including estimates of consumption from urban gardens, supplied by Bureau of Agricultural Economics. No deductions have been made in nutrient estimates for loss or waste in home or for destruction or loss of nutrients during preparation of food. Deductions have been made for inedible refuse. Data for 1943–1949 for iron, thiamine, riboflavin, and niacin include amounts of these nutrients added to prepared cereals, bread, and white flour under enrichment program. See also *Historical Statistics*, series C 122–127]

NUTRIENTS	Units	1935-39, average	1943	1944	1945	1946	1947	1948	1949 [1]
Food energy	Cal.	3,240	3,400	3,400	3,330	3,380	3,350	3,240	3,210
Protein	Grams	89	100	99	103	105	98	94	92
Fat	do.	131	142	143	140	146	144	141	141
Carbohydrate	do.	429	434	432	422	417	420	401	399
Calcium	do.	.92	1.05	1.05	1.11	1.14	1.08	1.04	1.03
Iron	Mg.	14 0	17 1	18.4	18.8	19.1	18 1	16.8	16.7
Vitamin A value	I. U.	8,100	9,200	9,300	9,800	9,500	8,800	8,700	8,400
Thiamine	Mg.	1.55	2.24	2.26	2.24	2.35	2.13	2.05	2.02
Riboflavin	do.	1.88	2.25	2.50	2.58	2.61	2.46	2.37	2.33
Niacin	do.	15.5	19.6	21.3	21.8	21.9	20.7	19.2	19.2
Ascorbic acid	do.	114	125	134	139	137	130	123	117

[1] Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics, in cooperation with Bureau of Human Nutrition and Home Economics; published quarterly in National Food Situation.

No. 107.—School Lunch Programs Receiving Federal Assistance: 1936 to 1949

[Expenditures for year ending June 30. Participation data for peak month. See text, p. 61]

PROGRAM	1936	1940	1945	1946	1947	1948	1949
Federal expenditure, total ($1,000)	**244**	**3,963**	**47,409**	**57,124**	**[1] 77,619**	**86,768**	**94,900**
Indemnity plan: [2]							
Schools participating		15	35,268	38,047	44,537	44,542	47,803
Children participating (1,000)		7	4,630	5,177	6,016	6,015	6,960
Federal expenditure ($1,000)		1	41,613	51,290	59,875	53,989	58,875
Direct distribution of food:							
Under Section 32:							
Schools participating	[3]	33,594	22,623	20,550	20,147	40,020	39,376
Children participating (1,000)	[3]	2,496	3,938	3,688	4,834	7,209	6,542
Federal expenditure ($1,000)	244	3,962	5,796	5,834	2,312	19,341	21,550
Under Section 6:							
Schools participating					29,826	28,643	34,675
Children participating (1,000)					5,510	4,987	5,551
Federal expenditure ($1,000)					5,735	13,438	14,475

[1] Includes $9,697,000 expended for equipment.
[2] For 1940, represents School Milk Program. Beginning 1943, represents both School Milk Program and Indemnity Plan, which were merged in 1943.
[3] Not available.

Source: Department of Agriculture, Production and Marketing Administration.

No. 108.—Federal Food Distribution Programs for Institutions and Welfare Cases: 1936 to 1949

[Cost for years ending June 30. Participation data for peak month. See text p. 61]

PROGRAM	1936	1940	1945	1946	1947	1948	1949
Direct distribution:							
Persons participating (1,000)	10,431	11,910	945	828	927	1,179	1,106
Cost ($1,000)	31,792	57,674	7,043	1,852	2,873	13,742	14,002
Food stamp program:							
Persons participating (1,000)		1,488					
Cost ($1,000)		16,414					
Relief milk program:							
Persons participating (1,000)		[1]					
Cost ($1,000)		692					

[1] Not available.

Source: Department of Agriculture, Production and Marketing Administration; Agricultural Statistics.

No. 109.—School Lunch Program (Indemnity Plan)—Schools and Children Participating: Fiscal Year 1949

[See text p. 61]

State or other area	Elementary and secondary schools			Children in elementary and secondary schools		
	Total number [1]	Number participating (peak month)	Percent participation	Total enrollment [2]	Number participating (peak month)	Percent participation
Grand total		**47,803**		**26,982,687**	**6,960,169**	**25.8**
Continental U. S.	**197,698**	**45,791**	**23.2**	**26,483,658**	**6,706,269**	**25.3**
Alabama	4,070	1,242	30.5	663,287	206,744	31.2
Arizona	606	190	31.4	122,473	37,285	30.4
Arkansas	4,259	914	21.5	418,244	135,372	32.4
California	4,702	2,048	43.6	1,680,401	361,778	21.5
Colorado	2,353	349	14.8	221,199	44,643	20.2
Connecticut	1,162	338	29.1	312,249	47,669	15.3
Delaware	249	74	29.7	50,049	13,610	27.2
Dist. of Columbia	189	141	74.6	115,620	34,883	30.2
Florida	2,277	774	34 0	398,275	146,104	36.7
Georgia	4,906	1,344	27.4	709,544	226,140	31.9
Idaho	1,130	236	20.9	105,214	32,902	31.3
Illinois	11,126	2,382	21.4	1,394,176	375,076	26.9
Indiana	3,769	1,026	27.2	707,600	145,971	20.6
Iowa	9,584	917	9.6	508,681	121,621	23.9
Kansas	6,203	655	10.6	357,685	61,282	17.1
Kentucky	6,487	1,077	16.6	585,630	165,077	28.2
Louisiana	3,256	1,413	43.4	512,196	279,185	54.5
Maine	1,930	449	23.3	178,238	33,525	18.8
Maryland	1,364	582	42.7	355,927	95,085	26.7
Massachusetts	2,802	1,701	60.7	757,034	219,486	29.0
Michigan	9,288	1,485	16.0	1,125,256	249,111	22.1
Minnesota	6,994	1,101	15.7	530,352	152,520	28.8
Mississippi	5,349	1,178	22.0	534,086	154,386	28.9
Missouri	7,987	1,342	16.8	709,476	158,383	22.3
Montana	1,714	192	11.2	103,695	22,707	21.9
Nebraska	6,515	374	5.7	250,962	43,781	17.4
Nevada	241	44	18.3	28,267	4,465	15.8
New Hampshire	1,797	328	18.3	91,847	26,419	28.8
New Jersey	2,326	1,060	45.6	757,702	156,879	20.7
New Mexico	890	226	25.4	142,356	27,983	19.7
New York	9,086	2,565	28.2	2,302,895	631,223	27.4
North Carolina	4,458	1,256	28.2	842,838	287,539	34.1
North Dakota	3,666	431	11.7	123,344	25,242	20.5
Ohio	5,471	1,418	25.9	1,314,645	244,674	18.6
Oklahoma	4,546	1,393	30.6	462,280	115,561	25.0
Oregon	1,666	438	26.3	230,712	53,760	23.3
Pennsylvania	10,371	2,036	19.6	1,831,887	259,155	14.1
Rhode Island	493	204	41.4	127,996	24,796	19.4
South Carolina	3,969	1,394	35.1	461,858	168,788	36.5
South Dakota	3,772	[3] 20	.5	121,708	[3] 2,684	2.2
Tennessee	5,526	1,735	31.4	629,152	192,373	30.6
Texas	9,259	2,342	25.3	1,314,328	320,455	24.4
Utah	526	309	58.7	143,085	48,565	33.9
Vermont	1,087	221	20.3	67,269	18,176	27.0
Virginia	3,865	1,061	27.5	580,743	167,351	28.8
Washington	1,635	729	44.6	408,218	106,397	26.1
West Virginia	4,668	1,413	30.3	425,502	104,887	24.7
Wisconsin	7,357	1,475	20.0	612,646	141,490	23.1
Wyoming	752	169	22.5	54,831	13,081	23.9
Alaska	[4]	6		9,674	858	8.9
Hawaii	[4]	154		99,517	58,581	58.9
Puerto Rico	[4]	1,820		383,787	190,886	49.7
Virgin Islands	[4]	32		6,051	3,575	59.1

[1] Source: U. S. Office of Education. Data are for 1945-46.
[2] Source: U. S. Office of Education. Data is a combination of 1946-47 figures for public schools and 1945-46 for private schools.
[3] Private schools only. Public schools did not participate in this State in fiscal 1949.
[4] Not available.

Source: Department of Agriculture, Production and Marketing Administration.

3. Immigration, Emigration, and Naturalization

Aliens or citizens arriving or departing by vessel or airplane at ports other than land border ports of the United States are recorded on passenger and crew lists or manifests by officials of the transportation companies, these lists or manifests being delivered to the Immigration and Naturalization Service of the Department of Justice. Persons going by land or air between Mexico or Canada and the United States are required to enter or depart at land border stations where they are registered by officers of the Immigration and Naturalization Service. Statistics of immigration and emigration are prepared from these and other records by the Immigration and Naturalization Service.

Immigration.—Although the reporting of alien arrivals was required at an early date in certain of the colonies and original States, the continuous record of immigration to the United States begins with the fiscal year ending September 30, 1820. Under the Act of March 2, 1819, passenger lists for all vessels arriving from foreign places were to be delivered to the local collector of customs, copies transmitted to the Secretary of State, and the information reported to Congress. Immigration statistics were compiled by the Department of State from 1820 to 1874 and by the Bureau of Statistics of the Treasury Department from 1867 to 1895. Since 1892 there has been a separate office or bureau of immigration, now a part of the Immigration and Naturalization Service. Annual reports were issued by this bureau from 1892 to 1932. From 1933 to 1940, a summary of the work of the Immigration and Naturalization Service was given in the Annual Reports of the Secretary of Labor. For 1941, the *Annual Report of the Attorney General* contained a report on immigration and naturalization. No report was published for 1942. For subsequent fiscal years, Annual Reports of the Immigration and Naturalization Service (submitted by the Commissioner to the Attorney General) were published in mimeographed form.

Since 1820 the official immigration statistics (see table 110) have changed considerably in completeness and in the basis of reporting. The early figures were for arrivals at Atlantic and Gulf coast seaports of the United States. Pacific coast arrivals were first reported in 1850. Aliens arriving at Canadian seaports en route to the United States were included after 1893. The reporting of arrivals over the land borders began in 1904 and was gradually extended up to 1908. Hawaii, Puerto Rico, and Alaska were treated as integral parts of the United States for purposes of immigration and emigration statistics beginning in 1901, 1902, and 1904 respectively. Travel between the Philippine Islands and the United States was not treated as immigration or emigration between July 1, 1898 and May 1, 1934.

Prior to 1868 arriving alien passengers were recorded, thereafter immigrant arrivals (i. e., omitting aliens coming for temporary stay). Subsequent to the passage of the Act of 1891 which increased the number of excludable classes, the basis of reporting was changed from arrivals to admissions (i. e., omitting aliens not permitted to enter the United States), except for the period 1895 to 1897, inclusive, when the reporting of arrivals was resumed.

Two classes of alien admissions are now reported, immigrant and nonimmigrant (see table 111). Included in the nonimmigrant class are aliens admitted under section 3 of the Immigration Act of 1924 (see table 117), returning resident aliens, students, and others. An immigrant alien is defined as an alien, other than a returning resident, admitted for permanent residence, under either quota or nonquota status. Nonquota

immigrants admitted comprise immigrants born in Canada, Newfoundland, Mexico, Cuba, Haiti, the Dominican Republic, the Canal Zone, and independent countries of Central and South America, and their wives and unmarried children under age 18 if accompanying or following to join such immigrants; relatives of citizens of the United States (wives, husbands, unmarried children under age 21); ministers and professors who enter solely for the purpose of carrying on their vocations, and their wives and unmarried children under age 18, if accompanying or following to join such ministers and professors; and others. Certain temporary admissions such as of persons in possession of border-crossing identification cards are not included either in the immigrant or nonimmigrant totals.

Emigration.—No official record of emigration was kept prior to July 1, 1907. Alien departures are classified as emigrant and nonemigrant (see table 111). For statistical purposes an alien emigrant is an alien resident of the United States departing with the declared intention of residing permanently in a foreign country. The nonemigrant category includes both alien residents of the United States departing for a temporary sojourn abroad, and aliens leaving the United States after a temporary stay.

Naturalization.—Naturalization statistics for the United States began with the fiscal year 1907. Prior to this time each court kept records of naturalizations but no national data were compiled. The Act of June 29, 1906, effective September 27, 1906, provided for periodic returns by all courts conducting naturalization proceedings, and for the filing with a central Federal agency of a duplicate copy of each declaration of intention and petition for naturalization filed, and of each certificate of naturalization issued. Naturalization statistics were originally compiled by the Bureau of Immigration and Naturalization of the Department of Commerce and Labor, now the Immigration and Naturalization Service of the Department of Justice.

Alien registration.—The Act of June 28, 1940, required the registration of all aliens remaining in the United States (including Alaska, Hawaii, Puerto Rico, and the Virgin Islands) for a period of thirty days or longer. Aliens resident in the United States on August 27, 1940, were required to register on or before December 26, 1940. Aliens arriving subsequent to August 27, 1940, and not registered by the consul granting visas were required to register within thirty days of arrival.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series B 304") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. Also a detailed text statement indicates dates for which statistics of immigration from specific countries were first recorded. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

FIGURE E.—QUOTA IMMIGRANTS ADMITTED: 1925 TO 1949

[See table 113]

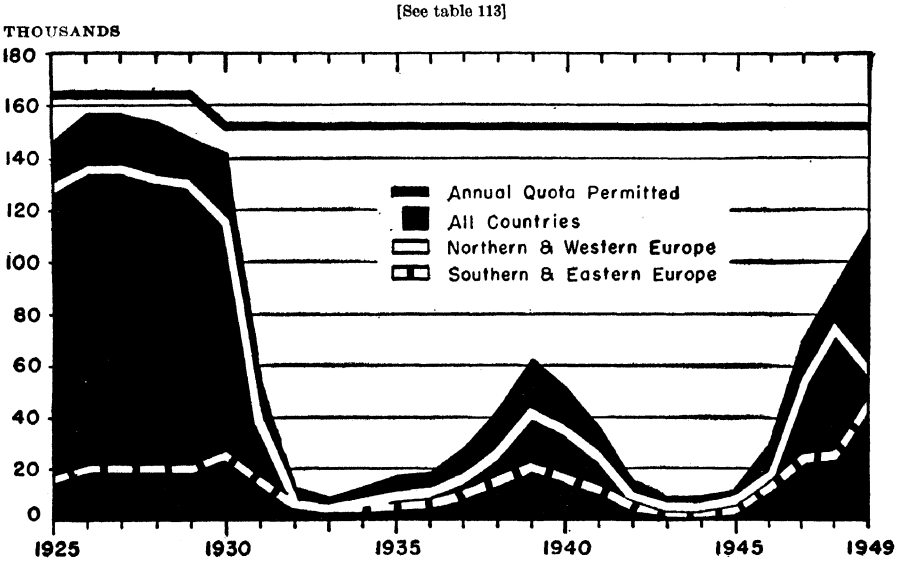
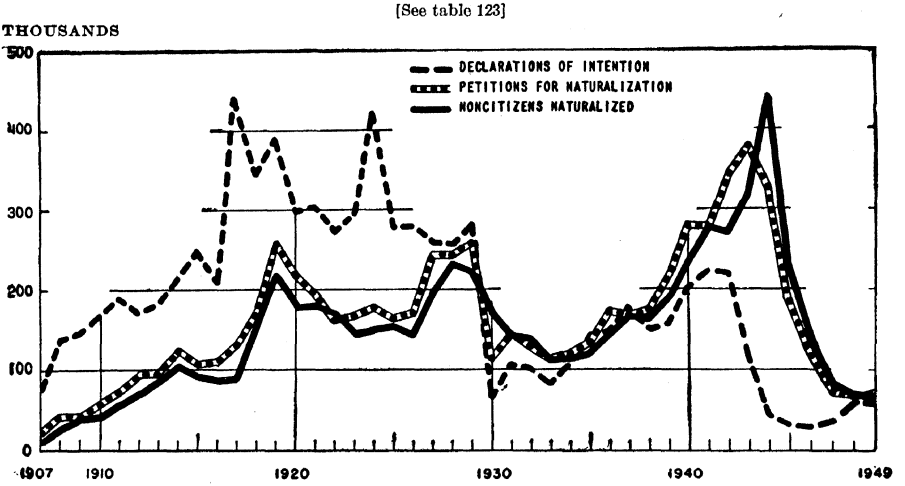


FIGURE F.—NATURALIZATION: 1907 TO 1949

[See table 123]



Source of figures E and F: Department of Justice, Immigration and Naturalization Service.

No. 110.—Immigration: 1820 to 1949

[Data are for fiscal years ending June 30, except as noted; for periods they are totals, not annual averages. From 1819 to 1867 figures represent alien passengers arriving; for 1868 to 1891 inclusive and 1895 to 1897 inclusive, immigrant alien arrivals; for 1892 to 1894 and from 1898 to the present time, immigrant aliens admitted. See also *Historical Statistics*, series B 304]

PERIOD	Number	PERIOD	Number	YEAR	Number
1820–1830 [1]	151, 824	1911–1915	4, 459, 831	1947	147, 292
1831–1840 [2]	599, 125	1916–1920	1, 275, 980	1948	170, 570
1841–1850 [3]	1, 713, 251	1921–1925	2, 638, 913	1949	188, 317
1851–1860 [3]	2, 598, 214	1926–1930	1, 468, 296		
		1931–1935	220, 209	Calendar years:	
1861–1870 [4]	2, 314, 824	1936–1940	308, 222	1943	26, 471
1871–1880	2, 812, 191	1941–1945	170, 952	1944	31, 754
1881–1890	5, 246, 613			1945	45, 603
1891–1900	3, 687, 564	1943	23, 725	1946	148, 954
		1944	28, 551	1947	169, 571
1901–1905	3, 833, 076	1945	38, 119	1948	170, 420
1906–1910	4, 962, 310	1946	108, 721		

[1] Oct. 1, 1819, to Sept. 30, 1830.
[2] Oct 1, 1830, to Dec. 31, 1840.
[3] Calendar years.
[4] Jan. 1, 1861, to June 30, 1870.

No. 111.—Aliens Admitted and Departing: 1911 to 1949

[See also *Historical Statistics*, series B 304, B 350–352]

PERIOD OR YEAR ENDING—	ADMITTED			DEPARTING			EXCESS OF ADMISSIONS OVER DEPARTURES [1]	
	Total	Immigrant	Nonimmigrant	Total	Emigrant	Nonemigrant	Total	Immigrant over emigrant
June 30:								
1911–1915, total	5, 312, 007	4, 459, 831	852, 176	2, 763, 410	1, 444, 530	1, 318, 880	2, 548, 597	3, 015, 301
1916–1920, total	1, 800, 075	1, 275, 980	524, 095	1, 224, 747	702, 464	522, 283	575, 328	573, 516
1921–1925, total	3, 421, 811	2, 638, 913	782, 898	1, 414, 236	697, 397	716, 839	2, 007, 575	1, 941, 516
1926–1930, total	2, 460, 279	1, 468, 296	991, 983	1, 280, 542	347, 679	932, 863	1, 179, 737	1, 120, 617
1931–1935, total	949, 903	220, 209	729, 694	1, 188, 597	323, 863	864, 734	−238, 694	−103, 654
1936–1940, total	1, 152, 599	308, 222	844, 377	1, 008, 053	135, 875	872, 178	144, 546	172, 347
1941–1945, total	712, 422	170, 952	541, 470	399, 522	42, 696	356, 826	312, 900	128, 256
1943	104, 842	23, 725	81, 117	58, 722	5, 107	53, 615	46, 120	18, 618
1944	142, 192	28, 551	113, 641	84, 409	5, 669	78, 740	57, 783	22, 882
1945	202, 366	38, 119	164, 247	93, 362	7, 442	85, 920	109, 004	30, 677
1946	312, 190	108, 721	203, 469	204, 353	18, 143	186, 210	107, 837	90, 578
1947	513, 597	147, 292	366, 305	323, 422	22, 501	300, 921	190, 175	124, 791
1948	646, 576	170, 570	476, 006	448, 218	20, 875	427, 343	198, 358	149, 695
1949	635, 589	188. 317	447, 272	430, 089	24, 586	405, 503	205, 500	163, 731
Dec. 31:								
1945	225, 731	45, 603	180, 128	151, 436	13, 679	137, 757	74, 295	31, 924
1946	434, 183	148. 954	285, 229	251, 627	22, 043	229, 584	182, 556	126, 911
1947	620, 187	169, 571	450, 616	410, 601	21, 110	389, 491	209, 586	148, 461
1948	641, 307	170, 420	470, 887	438, 518	21, 776	416, 742	202, 789	148, 644

[1] Excess of departures indicated by a minus (−) sign.

No. 112.—Aliens Excluded and Deported: 1901 to 1949

PERIOD ENDING JUNE 30	Excluded	Deported	YEAR ENDING JUNE 30	Excluded	Deported	Deportable aliens required to depart	Indigent aliens returned at their request
1901–1905, total	37, 132	2, 999	1942	1, 833	3, 709	6, 904	30
1906–1910, total	71, 079	8, 559	1943	1, 495	4, 207	11, 947	5
1911–1915, total	115, 496	15, 879	1944	1, 642	7, 179	32, 270	4
1916–1920, total	62, 613	12, 033	1945	2, 341	11, 270	69, 490	12
1921–1925, total	103, 803	28, 427					
1926–1930, total	85, 504	63, 730	1946	2, 942	14, 375	101, 945	21
1931–1935, total	33, 277	74, 631	1947	4, 771	18, 663	195, 880	88
1936–1940, total	34, 940	42, 455	1948	4, 905	20, 371	197, 184	55
1941–1945, total	10, 240	30, 772	1949	3, 834	20, 040	276, 297	128

Source of tables 110, 111, and 112: Department of Justice, Immigration and Naturalization Service; Annual Report, releases, and records.

No. 113.—Annual Quotas Allotted and Quota Immigrants Admitted, by Quota Country or Region: Years Ending June 30, 1931 to 1949

[Number of aliens admitted annually of any nationality subject to the quota law was limited by Immigration Act of 1921 to 3 percent of number of foreign-born of such nationality resident in continental United States as determined by 1910 census; and by population plan of act of 1924, to 2 percent according to 1890 census. National origins clause of 1924 act, effective July 1, 1929, provided that quota of any nationality be computed by applying to 150,000 the ratio between calculated number of inhabitants in continental United States in 1920 owing their origin to nationality concerned and the total inhabitants in the United States of all nationalities subject to quota law. (For estimates of white population by countries of origin, calculated as a basis for immigration quotas, see table 97, Statistical Abstract, 1932.) Under 1924 act, minimum quota is 100; for nonquota classes, see general note, p. 94]

Quota country or region [1]	Annual quota 1931–1949 [2]	Quota immigrants admitted						
		1931–1935	1936–1940	1941–1945	1946	1947	1948	1949
All countries	153,929	105,011	203,330	80,879	29,095	70,701	92,526	113,046
Europe	150,501	102,481	199,792	78,202	27,839	69,128	90,632	111,443
Northern and western Europe	125,853	64,593	127,414	49,388	16,416	47,047	67,395	59,578
Belgium	1,304	983	1,435	2,001	380	1,315	1,308	1,270
Denmark	1,181	1,095	1,188	761	259	1,097	1,172	1,109
France	3,086	2,598	3,438	3,850	1,554	3,140	3,059	2,997
Germany [3]	25,957	21,916	93,910	21,723	3,634	13,662	17,229	12,819
Great Britain and Northern Ireland	65,721	22,582	14,551	14,885	8,701	19,218	27,774	23,543
Iceland	100	33	25	98	69	95	56	68
Ireland	17,853	8,137	4,208	1,043	546	2,011	7,444	8,505
Luxembourg	100	66	81	218	14	71	82	94
Netherlands	3,153	1,932	2,816	2,043	434	2,451	3,515	2,991
Norway	2,377	1,920	1,966	926	300	1,928	2,460	2,303
Sweden	3,314	1,955	1,556	627	288	1,187	1,965	2,376
Switzerland	1,707	1,376	2,150	1,213	237	872	1,331	1,503
Southern and eastern Europe	24,648	37,888	72,378	28,814	11,423	22,081	23,237	51,865
Austria [3]	1,413	1,702	978		833	1,455	1,692	1,327
Bulgaria	100	143	423	153	28	88	81	65
Czechoslovakia	2,874	2,922	9,833	3,316	964	2,663	2,831	3,255
Estonia	116	167	309	151	113	101	127	1,716
Finland	569	660	1,526	628	172	545	516	497
Greece	307	1,081	1,795	1,237	291	133	213	426
Hungary	869	1,748	4,735	1,360	488	949	882	1,445
Italy	5,802	10,860	16,943	1,244	1,262	5,042	5,631	5,207
Latvia	236	307	735	443	180	261	300	3,534
Lithuania	386	896	1,428	646	215	427	458	6,452
Poland	6,524	7,539	18,189	10,602	4,144	6,516	6,143	21,462
Portugal	440	1,176	1,656	1,523	420	327	445	462
Rumania	[4] 377	1,545	2,028	1,233	349	377	400	699
Spain	252	1,098	1,236	1,118	238	63	189	194
Turkey	226	1,100	1,030	723	188	120	188	177
U. S. S. R. (Russia)	[4] 2,712	3,199	5,362	3,531	938	1,982	2,061	3,710
Yugoslavia	845	1,205	3,171	779	547	810	794	976
Other southern and eastern Europe	600	540	1,001	127	53	222	286	261
Asia	1,528	1,435	2,249	1,582	710	999	1,248	1,003
Africa	1,200	372	355	440	269	263	328	328
Pacific	700	723	934	655	277	311	318	272

[1] Persons born in colonies, dependencies, or protectorates, or portions thereof within barred zone, of European countries, who are admissible under immigration laws of United States as quota immigrants, are charged to quota of country to which such colony or dependency belongs or by which it is administered as a protectorate. Aliens who obtain visas during later part of fiscal year may be admitted in following year since visas are valid for period of 4 months. Nationality for quota purposes does not always coincide with actual nationality (Sec. 12, Immigration Act of 1924).

[2] Quota was 153,774 from 1934 to February 8, 1944, when quota of 105 Chinese, authorized by act of December 17, 1943 increased the maximum quota to 153,879. On July 4, 1946, quota for Philippine Islands was increased from 50 to 100, thereby raising total quota to 153,929. Total quota for 1931 was 153,714; for 1932 and 1933, 153,831; the Soviet Union's quota was 2,784 for 1931, and 2,701 for 1932 and 1933; Rumania's, 295 prior to 1934. There were also changes in 1932 and 1933 for certain countries included in "Other Europe," Asia, and Pacific islands.

[3] For 1938 to 1945, Austrian quota included with German.

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

No. 114.—Immigration, by Country of Origin: 1901 to 1949

[Data are totals, not annual averages, and are for periods ending June 30. Data prior to 1906 refer to country whence aliens came; thereafter, country of last permanent residence. Because of boundary changes and changes in list of countries separately reported, data for certain countries not comparable throughout. See also *Historical Statistics*, series B 304–330]

COUNTRY	1901–1910	1911–1920	1921–1930	1931–1940	1941–1945	1946	1947	1948	1949
All countries, total	**8,795,386**	**5,735,811**	**4,107,209**	**528,431**	**170,952**	**108,721**	**147,292**	**170,570**	**188,317**
Europe, total	**8,136,016**	**4,376,564**	**2,477,853**	**348,289**	**53,066**	**52,852**	**83,535**	**103,544**	**129,592**
Belgium	41,635	33,746	15,846	4,817	2,479	1,718	2,465	2,041	2,057
Bulgaria [1]	39,280	22,533	2,945	938	162	8	51	119	22
Czechoslovakia		3,426	102,194	14,393	753	267	2,053	2,310	2,018
Denmark	65,285	41,983	32,430	2,559	532	194	999	1,335	1,239
Finland		756	16,691	2,146	395	29	514	492	567
France	73,379	61,897	49,610	12,623	11,020	5,708	7,285	5,550	4,816
Germany	341,498	143,945	412,202	117,621	6,836	2,598	13,900	19,368	55,284
Austria [2]	2,145,266	453,649	32,868			130	1,545	2,271	4,447
Hungary		442,693	30,680	7,861	732	49	803	947	748
Great Britain:									
England	388,017	249,944	157,420	21,756	13,101	30,922	20,147	21,257	16,634
Scotland	120,469	78,357	159,781	6,887	705	1,586	2,962	4,504	4,075
Wales	17,464	13,107	13,012	735	139	1,044	679	642	440
Greece	167,519	184,201	51,084	9,119	1,073	367	2,370	2,250	1,734
Ireland	339,065	146,181	220,591	13,167	1,059	1,816	2,574	7,534	8,678
Italy	2,045,877	1,109,524	455,315	68,028	935	2,636	13,866	16,075	11,695
Netherlands	48,262	43,718	26,948	7,150	1,160	355	2,936	3,999	3,330
Norway	190,505	66,395	68,531	4,740	700	248	1,967	2,447	2,476
Poland [3]		4,813	227,734	17,026	1,675	335	745	2,447	1,673
Portugal	69,149	89,732	29,994	3,329	2,934	578	633	890	1,282
Rumania	53,008	13,311	67,646	3,871	381	19	93	273	155
Spain	27,935	68,611	28,958	3,258	1,215	227	260	404	409
Sweden	249,534	95,074	97,249	3,960	884	643	1,848	2,260	2,847
Switzerland	34,922	23,091	29,676	5,512	2,155	766	1,779	2,026	1,967
Turkey in Europe	79,976	54,677	14,659	737	133	71	105	93	69
U. S. S. R. (Russia)	1,597,306	921,201	61,742	1,356	192	72	170	84	24
Yugoslavia		1,888	49,064	5,835	425	65	221	478	198
Other Europe	665	8,111	22,983	8,865	1,291	401	565	1,448	708
Asia, total	**243,567**	**192,559**	**97,400**	**15,344**	**3,368**	**1,633**	**5,823**	**10,739**	**6,438**
China	20,605	21,278	29,907	4,928	1,368	252	3,191	7,203	3,415
Japan	129,797	83,837	33,462	1,948	358	14	131	423	529
Turkey in Asia	77,393	79,389	19,165	328	111	16	22	16	40
Other Asia	15,772	8,055	14,866	8,140	1,531	1,351	2,479	3,097	2,454
America, total	**361,888**	**1,143,671**	**1,516,716**	**160,037**	**109,714**	**46,066**	**52,753**	**52,746**	**49,334**
Canada and Newfoundland	179,226	742,185	924,515	108,527	53,506	21,324	24,342	25,485	25,156
Mexico	49,642	219,004	459,287	22,319	22,674	7,146	7,558	8,384	8,083
Central America	8,192	17,159	15,769	5,861	8,606	2,338	3,386	2,671	2,431
South America	17,280	41,899	42,215	7,803	6,667	2,633	3,094	3,046	3,107
West Indies	107,548	123,424	74,899	15,502	17,248	5,898	6,728	6,932	6,733
Other America			31	25	1,013	6,727	7,645	6,228	3,824
Africa	7,368	8,443	6,286	1,750	1,696	1,516	1,284	1,027	995
Australia and New Zealand	11,975	12,348	8,299	2,231	2,636	6,009	2,821	1,218	661
Pacific Islands (not specified)	1,049	1,079	427	780	472	572	1,049	1,286	1,272
All other countries	[4] 33,523	1,147	228			73	27	10	25

[1] Includes Serbia and Montenegro prior to 1920.
[2] Austria included with Germany 1938–45.
[3] From 1899 to 1919 Poland is included with Austria-Hungary, Germany, and Russia.
[4] Includes 32,897 persons returning to their homes in the United States. After 1906 such aliens have been included in immigration statistics as nonimmigrants; prior to that year, aliens were recorded by countries whence they came (see headnote).

Source: Department of Justice, Immigration and Naturalization Service; releases.

No. 115.—Emigrant Aliens Departing, by Country of Future Permanent Residence: Years Ending June 30, 1945 to 1949

COUNTRY	1945	1946	1947	1948	1949
All countries, total	7,442	18,143	22,501	20,875	24,586
Europe, total	3,997	10,500	11,153	10,258	11,893
Belgium	29	411	259	244	225
Bulgaria	------	5	12	18	18
Czechoslovakia	3	97	254	145	113
Denmark	1	200	216	285	324
Finland	8	27	54	119	123
France	242	1,192	1,148	953	1,274
Germany	2	57	301	134	622
Austria		8	26	53	74
Great Britain:					
England	2,709	3,259	1,793	2,262	2,988
Scotland	296	437	260	320	443
Wales	17	37	30	51	103
Greece	3	111	470	349	389
Hungary	------	6	32	32	29
Ireland (Eire)	38	308	427	285	302
Italy	8	354	1,851	1,498	1,494
Netherlands	13	459	408	354	368
Northern Ireland	22	65	51	87	97
Norway	17	983	509	577	596
Poland	------	24	55	127	133
Portugal	191	401	765	394	230
Rumania	------	1	8	10	11
Spain	78	240	286	323	262
Sweden	79	526	409	510	425
Switzerland	32	364	311	318	300
U. S. S. R. (Russia)	73	575	873	345	627
Yugoslavia	6	93	88	192	82
Other Europe	130	260	257	273	236
Asia, total	329	1,352	2,861	3,220	1,642
China	176	785	2,249	2,287	365
Japan	------	59	57	143	230
Palestine	43	283	113	182	177
Syria	3	31	166	161	52
Other Asia	107	194	276	447	818
America, total	2,500	4,564	5,822	5,289	9,330
Canada	567	745	861	1,055	1,217
Central America	246	327	398	389	775
Mexico	1,170	1,069	884	849	1,096
Newfoundland	38	122	37	110	16
South America	346	915	1,216	1,862	2,538
West Indies	123	1,384	2,426	1,024	3,603
Other America	10	2	------	------	85
Africa	124	314	261	363	345
Australia	138	248	231	485	177
New Zealand	23	57	39	101	67
Philippine Islands	8	264	1,685	615	926
Pacific islands, not specified	13	36	25	13	43
Unknown or not reported	310	808	424	531	163

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases and records.

No. 116.—Immigrant Aliens Admitted and Emigrant Aliens Departing, by Sex, Age, and Major Occupation Group: Years Ending June 30, 1936 to 1949

[See also *Historical Statistics*, series B 331-336]

SEX, AGE, OCCUPATION	1936-40, total	1941-45, total	1945	1946	1947	1948	1949
Admissions, total	308,222	170,952	38,119	108,721	147,292	170,570	188,317
Males	139,282	70,151	13,389	27,275	53,769	67,322	80,340
Females	168,940	100,801	24,730	81,446	93,523	103,248	107,977
Males per 1,000 females	824	696	541	335	575	652	744
Under 16 years	47,238	24,608	5,645	11,092	18,831	24,095	32,728
16 to 44 years [1]	203,627	107,551	25,482	85,797	101,459	112,453	123,340
45 years and over [2]	57,357	38,793	6,992	11,832	27,002	34,022	32,249
Illiterates, number [3]	5,322	1,403	416	379	1,309	2,766	1,983
Percent	1.7	.8	1.1	.3	.9	1.6	1.1
REPORTING OCCUPATIONS							
Professional and semiprofessional workers	26,113	17,913	2,852	6,198	10,891	12,619	13,884
Farmers and farm managers	4,928	1,691	497	947	3,462	4,884	8,937
Proprietors, managers, and officials, except farm	26,956	11,284	1,457	3,616	5,886	6,207	6,014
Clerical, sales, and kindred workers	15,849	12,398	3,715	8,378	13,961	15,298	14,797
Craftsmen, foremen, and kindred workers	24,425	16,205	2,120	4,157	8,726	11,019	13,693
Operatives and kindred workers			2,391	4,669	10,580	12,797	14,271
Domestic service workers	19,387	5,765	1,495	2,464	4,922	6,389	6,990
Protective service workers	------	62	62	119	292	318	294
Service workers, excluding domestic and protective	7,204	4,072	985	2,034	3,590	4,032	3,643
Farm laborers and foremen	1,978	813	225	189	442	946	933
Laborers, except farm	9,700	3,822	886	1,473	2,831	4,826	6,192

For footnotes, see p. 101.

No. 116.—Immigrant Aliens Admitted and Emigrant Aliens Departing, by Sex, Age, and Major Occupation Group: Years Ending June 30, 1936 to 1949—Continued

SEX, AGE, OCCUPATION	1936–40, total	1941–45, total	1945	1946	1947	1948	1949
Departures, total	135,875	42,696	7,442	18,143	22,501	20,875	24,586
Males	84,006	25,006	3,745	10,246	14,392	11,505	12,950
Females	51,869	17,690	3,697	7,897	8,109	9,370	11,636
Males per 1,000 females	1,620	1,414	1,013	1,297	1,775	1,228	1,113
Under 16 years	8,561	4,628	1,434	2,198	1,563	1,530	2,032
16 to 44 years [1]	83,215	26,715	3,932	8,550	10,653	10,426	13,895
45 years and over [2]	44,099	11,353	2,076	7,395	10,285	8,919	8,659
REPORTING OCCUPATIONS							
Professional and semiprofessional workers	7,180	3,723	707	1,891	2,707	2,250	2,150
Farmers and farm managers	3,318	627	54	217	427	416	306
Proprietors, managers, and officials, except farm	6,095	2,394	551	1,803	1,826	1,735	1,819
Clerical, sales, and kindred workers	4,973	2,033	380	971	866	898	1,280
Craftsmen, foremen, and kindred workers	12,814	3,089	157	447	824	550	879
Operatives and kindred workers			216	990	1,448	1,294	1,265
Domestic service workers	8,879	1,104	125	367	424	450	643
Protective service workers		104	104	249	193	152	285
Service workers, excluding domestic and protective	3,680	987	98	302	714	588	405
Farm laborers and foremen	4,246	1,103	145	1,237	1,602	108	976
Laborers, except farm	32,111	7,377	503	958	2,729	1,841	1,702

[1] 1940–1944, 16 to 45 years.
[2] 1940–1944, 46 years and over. Includes age unknown.
[3] Immigrants 16 years of age or over unable to read or write in any language.

Source: Department of Justice, Immigration and Naturalization Service, Annual Report, releases, and records.

No. 117.—Aliens Admitted, by Classes, Under the Immigration Act of 1924 as Amended: Years Ending June 30, 1943 to 1949

CLASSES	1943	1944	1945	1946	1947	1948	1949
Number admitted, all classes	104,842	142,192	202,366	312,190	513,597	646,576	635,589
Under Section 3	75,983	107,253	154,150	184,017	332,354	431,355	399,775
Government officials, their families, attendants, servants and employees	16,328	23,630	18,054	17,031	16,517	16,822	13,722
Temporary visitors for business	[1]19,776	[1]39,990	[1]76,747	[1]74,913	[1]79,634	[1]78,876	73,338
Temporary visitors for pleasure	7,924	8,699	30,982	59,913	134,924	206,107	225,745
In continuous transit through United States	31,906	34,856	28,174	31,124	96,825	124,780	81,615
To carry on trade under treaty	49	78	193	378	651	711	632
Members of international organizations				658	3,803	4,059	4,723
Under Section 4	19,814	25,545	36,593	99,078	110,542	122,695	122,768
Husbands of United States citizens	145	126	119	269	579	647	3,239
Wives of United States citizens	630	1,059	2,735	47,679	31,698	30,086	27,967
Unmarried children of United States citizens	100	117	224	1,319	6,462	6,097	4,648
Returning residents	4,105	4,756	6,896	13,306	22,818	32,464	36,984
Natives of nonquota countries	13,491	17,595	22,770	29,396	35,309	37,506	35,969
Their wives and children	31	19	58	106	331	462	425
Ministers and their wives and children	115	135	210	432	1,336	1,592	1,233
Professors and their wives and children	39	17	20	102	534	997	869
Students	1,021	1,643	2,866	5,855	11,003	11,914	10,481
Women who had been United States citizens	54	37	32	63	91	136	110
Miscellaneous classes	83	41	663	551	381	794	843
Under Section 5 (quota immigrants)	9,045	9,394	11,623	29,095	70,701	92,526	113,046

[1] Includes agricultural laborers from the West Indies.

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

No. 118.—Immigrant Aliens Admitted and Emigrant Aliens Departing, by Race or Nationality: Years Ending June 30, 1945 to 1949

Race or people	1945		1946		1947		1948		1949	
	Admitted	Departing	Admitted	Departing	Admitted	Departing	Admitted	Departing	Admitted	Departing
Total	**38,119**	**7,442**	**108,721**	**18,143**	**147,292**	**22,501**	**170,570**	**20,875**	**188,317**	**24,586**
Armenian	120	-------	282	6	271	5	390	33	387	172
Bohemian and Moravian (Czech)	153	9	783	98	2,928	121	3,138	64	3,507	105
Bulgarian, Serbian, Montenegrin	52	6	195	7	294	41	347	51	165	33
Chinese	109	257	233	770	1,136	2,168	3,574	2,238	2,490	547
Croatian and Slovenian	119	13	271	7	617	19	573	93	784	63
Cuban	1,932	6	1,627	30	2,482	193	2,827	280	1,956	1,188
Dalmatian, Bosnian, Herzegovinian	34	6	37	20	52	16	29	34	35	9
Dutch and Flemish	410	151	2,005	805	4,748	594	5,515	501	5,041	616
East Indian	-------	22	16	48	51	52	42	184	55	317
English	7,116	2,520	41,485	3,492	28,490	2,464	26,200	3,118	20,620	3,997
Filipino	13	8	208	226	622	1,608	1,055	545	1,000	903
Finnish	78	12	240	18	792	59	747	93	726	110
French	2,120	418	8,987	1,332	10,783	1,175	9,702	1,061	7,888	1,209
German	1,386	35	4,968	376	17,180	501	25,038	429	24,030	1,082
Greek	352	17	855	94	2,882	410	3,060	354	2,537	444
Irish	2,119	173	6,207	482	7,244	554	13,511	513	15,181	573
Italian	409	8	4,300	333	15,059	1,790	16,677	1,485	12,267	1,522
Japanese	-------	-------	2	12	10	17	316	101	492	225
Korean	-------	1	1	37	6	33	36	9	39	18
Latin American	4,359	279	3,271	809	4,772	928	4,169	1,275	4,122	2,651
Lithuanian	79	4	274	8	640	3	826	10	7,594	11
Magyar	106	5	329	15	956	36	1,205	46	2,002	67
Negro	1,708	27	1,576	68	1,896	1,250	2,231	120	1,954	1,324
Polish	1,073	22	5,385	86	9,175	133	9,000	206	26,787	268
Portuguese	668	186	782	483	958	775	1,230	437	1,509	335
Rumanian	116	5	440	11	571	12	758	22	1,057	40
Russian	448	121	1,594	656	2,943	918	3,184	368	5,023	604
Ruthenian (Russniak)	51	-------	54	2	108	2	57	1	26	6
Scandinavian (Norwegians, Danes, and Swedes)	617	168	1,710	1,640	5,519	1,164	6,886	1,314	7,098	1,475
Scotch	1,935	420	5,635	709	7,156	405	9,040	477	7,977	664
Slovak	130	3	191	48	816	198	938	149	800	50
Spanish	422	98	929	308	989	376	998	403	1,501	636
Syrian	168	3	282	13	339	49	314	70	482	112
Turkish	51	70	100	112	132	88	126	118	146	148
Welsh	145	38	1,379	59	1,016	45	939	68	738	97
West Indian (other than Cuban)	546	16	760	38	1,078	77	1,448	206	1,679	327
All other	8,975	2,315	11,328	4,885	12,581	4,222	14,444	4,399	18,622	2,638

Source: Department of Justice, Immigration and Naturalization Service; Annual Report.

No. 119.—Displaced Persons and War Brides Admitted: 1946 to 1949

[Figures included in total immigrants in other tables in this section]

Year ending June 30	Displaced persons [1]				War brides [2]			
	Total	Quota	Non-quota	Non-immigrant	Total	Husbands	Wives	Alien children
Total	**81,427**	**77,790**	**2,582**	**1,055**	**117,999**	**327**	**113,135**	**4,537**
1946	2,551	2,534	17	-------	45,557	61	44,775	721
1947	17,414	16,076	942	396	27,212	101	25,736	1,375
1948	21,414	19,446	1,309	659	23,016	94	21,954	968
1949	40,048	39,734	314	-------	22,214	71	20,670	1,473

[1] Legislation authorizing admission was approved June 25, 1948. Admissions prior thereto were under President's Directive of Dec. 22, 1945.

[2] Act of Dec. 28, 1945, facilitated entry of alien wives, husbands, and children of citizen members of armed forces.

Source: Department of Justice, Immigration and Naturalization Service; Annual Report.

No. 120.—Aliens and Citizens—Total Arrivals and Departures and Arrivals at Principal Ports: Years Ending June 30, 1926 to 1949

[Excludes travelers between continental U. S. and outlying possessions, persons habitually crossing and recrossing international land boundaries, and agricultural and railway track workers admitted from Mexico. Figures for alien arrivals cover admissions only, excluding aliens among arrivals found inadmissible and debarred from entering]

PORT AND CLASS	1926–30, average	1931–35, average	1936–40, average	1941–45, average	1946	1947	1948	1949
Arrivals, total	**913,545**	**517,967**	**575,620**	**279,310**	**586,733**	**951,287**	**1,189,508**	**1,255,960**
United States citizens	421,489	327,986	345,100	136,826	274,543	437,690	542,932	620,371
Immigrants	293,659	44,042	61,644	34,190	108,721	147,292	170,570	188,317
Nonimmigrants	198,397	145,939	168,875	108,294	203,469	366,305	476,006	447,272
Departures, total	**669,250**	**577,771**	**533,146**	**182,129**	**434,931**	**775,267**	**927,206**	**982,450**
United States citizens	413,142	340,052	331,535	102,225	230,578	451,845	478,988	552,361
Emigrants	69,536	64,773	27,175	8,539	18,143	22,501	20,875	24,586
Nonemigrants	186,573	172,947	174,436	71,365	186,210	300,921	427,343	405,503
Excess of arrivals over departures	[1] 244,295	−59,804	42,474	97,181	151,802	176,020	262,302	273,510
Citizens permanently departing:								
Naturalized	3,149	1,067	1,103	538	3,030	3,587	2,387	1,042
Native born	20,168	19,673	9,850	5,820	12,400	18,302	21,503	5,290
ARRIVALS AT PRINCIPAL PORTS								
New York	**583,544**	**367,031**	**375 260**	**76,485**	**182,814**	**399,468**	**545,710**	**584,388**
United States citizens	294,282	240,068	228,369	39,340	73,074	169,940	248,228	302,441
Immigrants	155,781	27,717	42,073	7,719	52,050	83,884	104,665	113,050
Nonimmigrants	133,480	99,246	104,818	29,426	57,690	145,644	192,817	168,897
Boston	**24,840**	**12,351**	**11,709**	**3,097**	**4,948**	**8,575**	**29,655**	**43,094**
United States citizens	13,229	7,341	6,942	1,675	3,037	5,128	23,833	24,153
Immigrants	7,254	1,040	885	310	475	849	1,772	14,318
Nonimmigrants	4,357	3,970	3,882	1,113	1,436	2,598	4,050	4,623
Philadelphia	**823**	**932**	**1,318**	**1,350**	**6,545**	**4,771**	**3,825**	**2,071**
United States citizens	501	734	954	601	3,339	2,286	1,089	655
Immigrants	82	27	25	381	1,180	658	467	203
Nonimmigrants	240	170	339	368	2,026	1,827	2,269	1,153
Baltimore	**235**	**1,425**	**1,311**	**10,792**	**29,382**	**20,855**	**20,945**	**11,142**
United States citizens	139	1,195	1,058	8,827	23,503	13,455	10,898	7,840
Immigrants	51	56	30	192	697	1,110	1,227	559
Nonimmigrants	44	175	224	1,773	5,182	6,290	8,820	2,743
Miami	**19,588**	**20,796**	**72,183**	**82,168**	**166,253**	**238,212**	**231,140**	**233,927**
United States citizens	17,380	17,144	55,362	50,282	104,416	157,822	140,688	140,884
Immigrants	135	94	1,445	3,229	7,335	7,186	6,476	5,711
Nonimmigrants	2,073	3,558	15,376	28,656	54,502	73,204	83,976	87,332
New Orleans	**13,329**	**8,520**	**8,645**	**10,466**	**18,719**	**28,395**	**36,600**	**40,074**
United States citizens	9,583	6,758	6,997	6,279	12,252	18,511	25,706	27,084
Immigrants	855	314	231	469	1,333	1,436	1,366	3,805
Nonimmigrants	2,892	1,448	1,417	3,718	5,134	8,448	9,528	9,185
San Francisco	**17,144**	**12,821**	**14,433**	**11,619**	**22,842**	**37,356**	**42,419**	**36,064**
United States citizens	7,235	7,322	8,311	7,472	12,556	17,515	21,011	23,199
Immigrants	2,580	937	712	817	6,380	6,343	9,714	4,167
Nonimmigrants	7,329	4,563	5,410	3,330	3,906	13,498	11,694	8,698
Seattle	**5,623**	**3,810**	**3,711**	**1,185**	**6,425**	**3,369**	**7,207**	**11,069**
United States citizens	2,463	2,112	2,211	452	5,423	2,593	6,415	9,878
Immigrants	855	198	92	245	198	357	288	552
Nonimmigrants	2,305	1,501	1,407	487	804	419	504	639

[1] Excess of departures.

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

No. 121.—Passengers Arriving and Departing, by Countries, Flag of Carrier, Mode of Travel: Years Ending June 30, 1942 to 1949

COUNTRY, FLAG, ETC.	1942	1943	1944	1945	1946	1947	1948	1949
Passengers arriving, total	180,631	169,870	205,775	310,113	485,007	829,540	1,023,742	1,104,473
Europe	22,173	27,906	41,237	73,469	159,418	325,001	440,852	479,768
Asia	6,665	3,724	6,448	9,675	17,534	32,775	51,185	49,103
Africa	4,676	5,746	15,531	27,884	14,846	8,081	8,424	6,798
Australia and Pacific	9,346	7,809	8,748	20,323	23,658	23,234	20,048	16,366
Canada and Newfoundland	10,231	9,363	12,694	28,972	33,686	50,926	77,501	96,850
Greenland	271	760	882	1,635	327	86	123	105
Mexico	1,831	393	1,798	3,295	6,931	2,059	4,422	3,780
West Indies	84,799	74,967	89,250	121,046	196,152	322,547	313,117	337,015
Central America	23,695	16,558	17,664	18,972	23,094	36,183	45,501	47,429
South America	16,944	22,644	11,523	4,842	9,361	28,048	62,569	67,259
Flag: U. S.	145,030	132,909	138,631	252,263	377,236	585,909	648,444	697,039
Foreign	35,601	36,961	67,144	57,850	107,771	243,631	375,298	407,434
By sea	118,151	75,726	84,350	107,143	200,041	356,426	491,427	502,593
By air	62,480	94,144	121,425	202,970	284,966	473,114	532,315	601,880
Aliens	68,576	70,637	104,667	141,387	221,685	401,531	490,211	497,481
Citizens	112,055	99,233	101,108	168,726	263,322	428,009	533,531	606,992
Passengers departing, total	149,829	87,233	118,109	186,301	389,584	695,441	786,319	863,951
Europe	6,360	11,488	20,270	45,761	95,851	228,454	292,497	363,678
Asia	4,336	530	1,028	2,267	9,020	49,290	54,919	39,512
Africa	3,020	3,003	4,133	15,315	11,654	7,342	7,473	6,442
Australia and Pacific	2,494	524	886	3,049	11,266	25,117	24,716	17,185
Canada and Newfoundland	9,156	4,884	10,294	15,835	23,095	12,065	5,383	7,145
Greenland	245	45	11	896	201	84	194	138
Mexico	2,513	811	1,374	10,983	17,372	7,749	4,082	3,717
West Indies	87,526	33,540	51,613	61,368	170,446	280,919	288,401	315,833
Central America	17,985	11,395	12,528	13,953	22,905	38,944	41,102	41,689
South America	16,194	21,013	15,972	16,874	27,774	45,477	67,552	68,612
Flag: U. S.	122,631	67,271	83,729	137,036	295,617	507,528	503,036	527,692
Foreign	27,198	19,962	34,380	49,265	93,967	187,913	283,283	336,259
By sea	91,135	14,877	26,752	47,377	137,045	295,263	375,215	408,081
By air	58,694	72,356	91,357	138,924	252,539	400,178	411,104	455,870
Aliens	41,325	28,150	57,511	85,811	163,276	249,121	312,271	315,599
Citizens	108,504	59,083	60,598	100,490	226,308	446,320	474,048	548,352

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

No. 122.—Estimated Resident Aliens in Continental United States, for Selected Dates: 1941 to 1945

DATE	Number of aliens [1]	CHANGE IN PRECEDING PERIOD					
		Net decrease	Decrease through naturalization	Decrease through mortality	Decrease through emigration	Decrease through other causes [2]	Increase through immigration
Jan. 1, 1941	4,889,770						
July 1, 1941	4,693,623	196,147	156,794	50,341	7,464	7,215	25,667
July 1, 1942	4,349,269	344,354	269,419	84,864	7,212	11,422	28,563
July 1, 1943	3,949,399	399,870	317,675	83,139	5,088	17,615	23,647
July 1, 1944	3,410,175	539,224	440,174	80,041	5,052	41,796	28,439
July 1, 1945	3,050,803	359,372	237,221	75,800	7,417	76,819	37,885

[1] Estimates do not take into account the considerable temporary movement of aliens into and out of the United States.

[2] Deportations, voluntary departures, expatriations, denaturalizations, etc.

Source: Department of Justice, Immigration and Naturalization Service; records.

No. 123.—Naturalization: 1907 to 1949

[See also *Historical Statistics*, series B 337-339]

Period or year ending June 30—	Declarations filed [1]	Petitions filed [2]			Aliens naturalized [3]		
		Total	Civilian	Military	Total	Civilian	Military
1907 [4]–1910, total	526,322	164,036	164,036	----------	111,738	111,738	----------
1911–1915, total	1,004,539	496,655	496,655	----------	406,547	406,547	----------
1916–1920, total	1,682,370	884,729	640,429	244,300	722,425	478,125	244,300
1921–1925, total	1,575,809	862,715	818,332	44,383	799,790	755,407	44,383
1926–1930, total	1,133,205	1,021,562	1,008,741	12,821	973,395	961,572	11,823
1931–1935, total	535,266	637,668	629,798	7,870	626,072	619,049	7,023
1936–1940, total	834,213	999,445	982,613	16,832	892,392	879,524	12,868
1936	148,118	167,127	165,559	1,568	141,265	140,784	481
1937	176,195	165,464	157,670	7,794	164,976	162,923	2,053
1938	150,673	175,413	169,131	6,282	162,078	158,142	3,936
1939	155,691	213,413	213,413	----------	188,813	185,175	3,638
1940	203,536	278,028	276,840	1,188	235,260	232,500	2,760
1941	224,123	277,807	277,807	----------	277,294	275,747	1,547
1942	221,796	343,487	341,979	1,508	270,364	268,762	1,602
1943	115,664	[5] 377,125	338,885	[5] 38,240	[5] 318,933	281,459	[5] 37,474
1944	42,368	[5] 325,717	275,486	[5] 50,231	[5] 441,979	392,766	[5] 49,213
1945	31,195	[5] 195,917	172,905	[5] 23,012	[5] 231,402	208,707	[5] 22,695
1946	28,787	[5] 123,864	110,071	[5] 13,793	[5] 150,062	134,849	[5] 15,213
1947	37,771	[5] 88,802	70,767	[5] 18,035	[5] 93,904	77,442	[5] 16,462
1948	60,187	68,265	([6])	([6])	70,150	69,080	1,070
1949	64,866	71,044	([6])	([6])	66,594	64,138	2,456

[1] Declaration of intention to become citizen.
[2] Petition for naturalization.
[3] Certificates of naturalization issued.
[4] From Sept. 27, 1906, to June 30, 1907.
[5] Includes 1,425 in 1943, 6,496 in 1944, 5,666 in 1945, 2,054 in 1946, and 5,370 in 1947 in various theaters of war or areas occupied by American forces. No provision for naturalization in these areas subsequently.
[6] Not available.

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

No. 124.—Aliens Naturalized, by Age and Sex; Years Ending June 30, 1942 to 1949

[See also *Historical Statistics*, series B 339-341]

Age and sex	1942	1943 [1]	1944 [1]	1945 [1]	1946 [1]	1947	1948	1949
Both sexes	**270,364**	**317,508**	**435,483**	**225,736**	**148,008**	**93,904**	**70,150**	**66,594**
Under 21 years	34	2,476	5,609	1,669	1,244	544	476	987
21 to 25 years	6,222	15,829	19,441	8,246	7,269	5,495	2,970	6,297
26 to 35 years	53,686	59,169	66,872	26,442	18,641	13,848	7,914	10,960
36 to 45 years	90,547	96,880	126,656	54,375	35,630	25,296	18,980	16,271
46 to 55 years	74,580	84,902	123,195	64,987	40,925	24,668	20,651	17,020
56 to 65 years	34,962	45,067	71,446	50,273	31,784	16,948	13,655	10,914
Over 65 years	10,333	13,185	22,264	19,744	12,515	7,105	5,504	4,145
Male	**112,040**	**156,245**	**196,227**	**111,059**	**74,250**	**52,998**	**33,147**	**27,865**
Under 21 years	19	2,359	5,378	1,579	1,115	406	257	433
21 to 25 years	3,404	12,004	11,915	4,115	3,297	3,032	711	1,239
26 to 35 years	21,778	31,498	31,030	11,859	8,835	8,214	2,663	3,630
36 to 45 years	33,860	43,003	50,376	24,549	17,053	14,610	9,297	7,511
46 to 55 years	30,063	36,400	49,767	30,558	19,576	13,627	10,214	7,759
56 to 65 years	17,383	23,709	36,289	27,613	17,461	9,246	7,079	5,157
Over 65 years	5,533	7,272	11,472	10,786	6,913	3,863	2,926	2,136
Female	**158,324**	**161,263**	**239,256**	**114,677**	**73,758**	**40,906**	**37,003**	**38,729**
Under 21 years	15	117	231	90	129	138	219	554
21 to 25 years	2,818	3,825	7,526	4,131	3,972	2,463	2,259	5,058
26 to 35 years	31,908	27,671	35,842	14,583	9,806	5,634	5,251	7,330
36 to 45 years	56,687	53,877	76,280	29,826	18,577	10,686	9,683	8,760
46 to 55 years	44,517	48,502	73,428	34,429	21,349	11,041	10,437	9,261
56 to 65 years	17,579	21,358	35,157	22,660	14,323	7,702	6,576	5,757
Over 65 years	4,800	5,913	10,792	8,958	5,602	3,242	2,578	2,009

[1] Excludes 1,425 members of the armed forces naturalized overseas in 1943; 6,496 in 1944; 5,666 in 1945, and 2,054 in 1946.

Source: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

No. 125.—Aliens Naturalized, by States and Territories of Residence: Years Ending June 30, 1947, 1948, and 1949

[Sec. 702 of Nationality Act of 1940, as amended, established administrative procedure whereby members of the armed forces were naturalized in countries outside jurisdiction of United States courts. 1947 figures include 5,370 such naturalizations. No provision for this procedure thereafter]

STATE OF RESIDENCE	1947	1948	1949
Total	**93,904**	**70,150**	**66,594**
Alabama	101	102	109
Arizona	375	305	329
Arkansas	30	30	60
California	10,120	9,194	9,370
Colorado	355	243	324
Connecticut	2,952	1,987	1,861
Delaware	120	77	85
District of Columbia	686	350	430
Florida	880	823	1,069
Georgia	139	62	157
Idaho	128	125	76
Illinois	5,230	3,259	3,297
Indiana	667	505	418
Iowa	342	245	224
Kansas	164	159	159
Kentucky	100	68	55
Louisiana	350	342	273
Maine	784	517	557
Maryland	588	539	509
Massachusetts	6,806	4,618	5,021
Michigan	5,128	3,665	3,301
Minnesota	709	560	660
Mississippi	51	47	60
Missouri	683	413	483
Montana	184	172	193
Nebraska	205	148	135
Nevada	66	116	71
New Hampshire	629	322	371
New Jersey	4,919	4,114	3,448
New Mexico	142	98	117
New York	29,008	25,238	21,174
North Carolina	88	103	126
North Dakota	218	148	141
Ohio	2,625	1,848	2,285
Oklahoma	103	110	120
Oregon	730	482	301
Pennsylvania	4,428	2,698	2,685
Rhode Island	1,016	598	650
South Carolina	55	55	69
South Dakota	155	65	46
Tennessee	114	58	92
Texas	1,532	784	1,122
Utah	147	124	105
Vermont	355	283	277
Virginia	261	208	332
Washington	1,696	1,445	1,345
West Virginia	230	168	166
Wisconsin	1,031	741	726
Wyoming	69	51	46
Territories, etc.:			
Alaska	121	105	87
Hawaii	593	1,442	1,362
Puerto Rico	83	95	73
Virgin Islands	48	19	37
All other	[1] 5,565	77	5

[1] Includes 5,092 residents of the Philippine Islands.

No. 126.—Aliens Naturalized, by Country of Former Allegiance: Years Ending June 30, 1946 to 1949

NATIONALITY	1946	1947	1948	1949
All countries	**150,062**	**93,904**	**70,150**	**66,594**
Albania	249	143	95	86
Belgium	698	496	400	612
British Empire	31,321	20,328	12,361	13,284
Bulgaria	247	137	92	65
Czechoslovakia	4,165	2,239	1,459	1,284
Denmark	894	577	446	539
Estonia	105	107	63	104
Finland	1,220	753	574	489
France	2,136	1,442	1,000	1,658
Germany	[17,464	10,703	7,486	5,777
Austria	[6,357	1,930	1,285	1,194
Greece	3,313	1,847	1,683	1,638
Hungary	3,385	1,595	1,271	1,036
Italy	23,099	11,516	9,452	8,301
Latvia	387	210	194	165
Lithuania	2,250	1,061	771	601
Netherlands	1,538	1,043	811	836
Norway	1,819	1,099	919	912
Poland	12,907	6,495	5,136	4,371
Portugal	2,237	1,286	1,011	971
Rumania	1,829	929	832	632
Spain	1,324	753	749	676
Sweden	2,482	1,405	1,199	1,044
Switzerland	841	585	493	464
U. S. S. R. (Russia)	7,404	3,562	3,143	2,752
Yugoslavia	2,524	1,258	858	809
Persia (Iran)	74	60	49	55
Syria	(1)	(1)	400	241
Turkey	1,039	522	481	436
Philippine Islands	2,644	10,764	5,768	3,478
West Indies	876	652	642	614
Mexico	5,135	3,336	1,895	2,227
Central America	489	324	273	375
South America	644	364	373	391
Other countries [2]	6,966	4,383	6,486	8,477

[1] Included with France.
[2] Includes 5,982 persons in 1946, 2,828 in 1947, 302 in 1948, and 297 in 1949 who were stateless.

Source of tables 125 and 126: Department of Justice, Immigration and Naturalization Service; Annual Report, releases.

4. Education

Data on school attendance and on highest grade of school completed were obtained for each person in the United States as part of the 1940 Census of Population (see tables 127, 128, 130–135). Annually, beginning in 1945, the Bureau of the Census has reported on school enrollment (and in 1947 on educational attainment) of the population, based on sample data obtained in the Current Population Survey (see tables 128–131, 134 and 136). The Biennial Survey of Education, conducted by the U. S. Office of Education, covers enrollment and attendance, teaching staff, finances, and other information on public education facilities at all levels, with less complete information for private schools (see tables 137–157). Public library statistics are also collected and published by this office (see table 158). Other statistical studies of the U. S. Office of Education, publications of the National Education Association, Annual or Biennial Reports of the State Departments of Education, and educational journals are the other chief regular sources of statistical materials in the field of education. Many special studies are made by research divisions of city school systems, by schools of education in colleges and universities, and by educational foundations.

Educational statistics for individuals.—The school attendance statistics compiled from the 1940 Population Census are based on the replies to the enumerator's inquiry as to whether the person had attended, or had been enrolled in, any regular school or college between March 1 and April 1, 1940. Night schools, extension schools, or vocational schools are not included unless they are a part of the regular school system; and no correspondence schools are included.

The same census, for the first time, included a question on the formal educational attainment of each person, that is, the last full grade that the person had completed in the regular school system—public, private, or parochial school, college, or university. This question replaced the inquiry on illiteracy included in previous censuses.

The *median* year of school completed may be defined as the year which divides the population group into equal parts—one-half having completed more schooling and one-half having completed less schooling than the median. In the presentation of median year of school completed, the completion of the first year of high school is uniformly indicated by 9 and of the last year of college by 16, although there are some areas with only 7 years of elementary school.

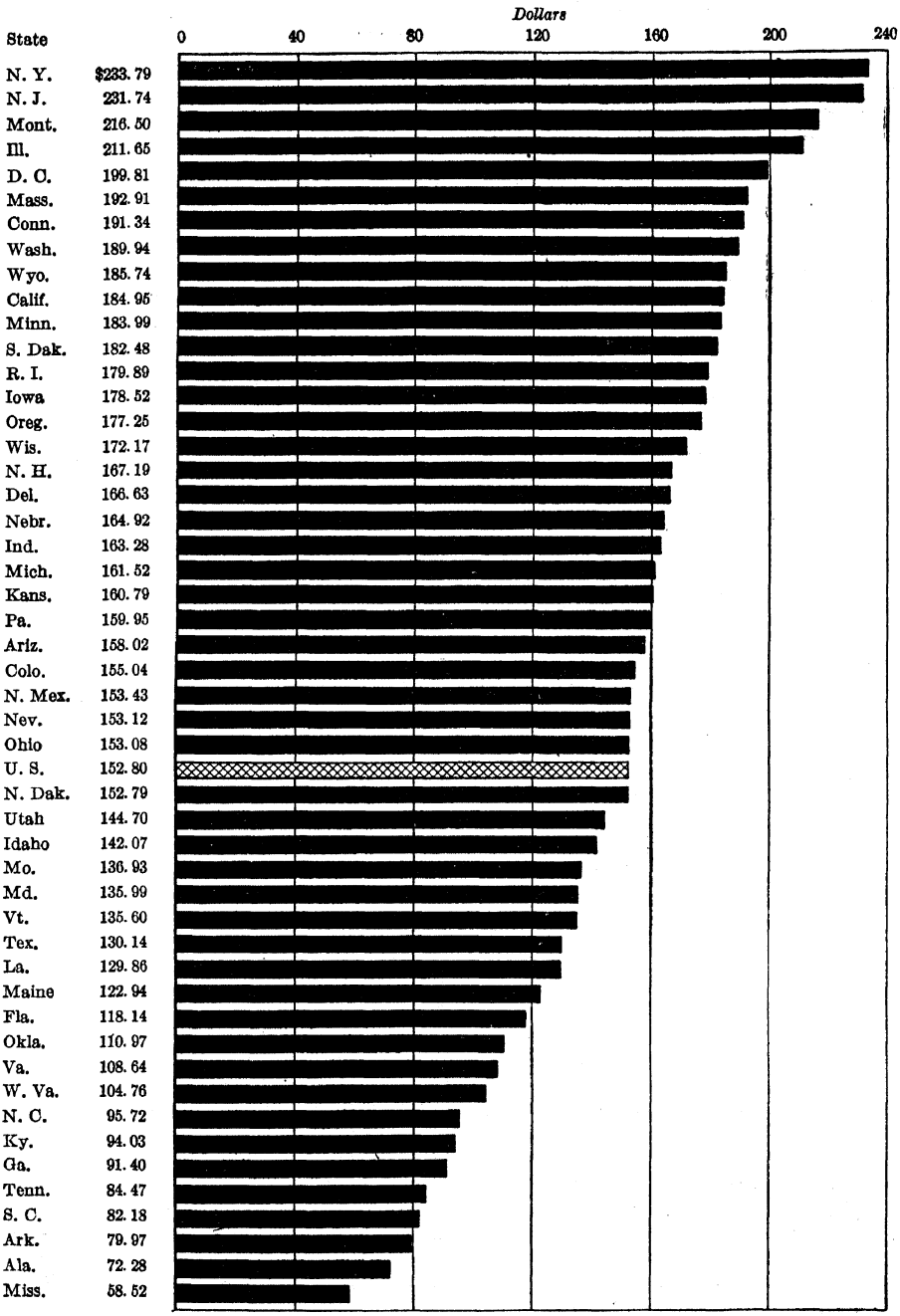
Statistics for schools.—Working through national committees since 1910, the U. S. Office of Education, in cooperation with the State departments of education, has brought about a considerable degree of uniformity in recording and reporting educational statistics. Since about 1930, a similar movement has been in progress with institutions of higher education, the U. S. Office of Education serving as a clearing house for uniform procedures in records and reports.

The statistics presented in the *Abstract* from the Biennial Survey of Education include current national totals and summaries for a period of years. The national totals are reasonably complete for the types of education covered but data are not included for private schools of art, music, drama, etc., for private trade and vocational schools, or private correspondence schools. The introduction of the junior high school, which includes the 7th and 8th grades from the traditional elementary school and the 9th grade from the regular high school, has made it impossible to compare elementary school or high school data over a period of years except on the basis of grade enrollment, 8 grades as elementary and 4 grades as secondary. Similarly the change in status of a large number of normal schools and teachers' colleges to State colleges and universities makes comparison of normal schools and teachers' colleges over a period of years nonrepresentative of the complete teacher training field. Detailed statistics on the major fields of education are published in the reports of the Biennial Survey of Education. Information on vocational education is compiled by the U. S. Office of Education (see tables 159–161).

Data in this section relate to continental United States except as noted.

FIGURE G.—AVERAGE CURRENT EXPENSE PER PUPIL IN AVERAGE DAILY ATTENDANCE, FOR PUBLIC ELEMENTARY AND SECONDARY SCHOOLS: 1947

[See table 141]



Source: Department of Commerce, Bureau of the Census. Data are from Federal Security Agency, Office of Education.

No. 127.—Persons Attending School by Single Years of Age From 5 to 20, by Sex: 1910 to 1940

[Statistics for 1940 are based on attendance at or enrollment in any regular school or college, including night schools, extension schools, or vocational schools, if part of regular school system. Excludes correspondence schools. In the 3 prior censuses, school attendance question not restricted as to type of school or college. In 1940, question referred to period between Mar. 1, and Apr. 1, 1940; in 1930, to period between Sept. 1, 1929, and Apr. 1, 1930; and in 1920 and 1910, to period between preceding Sept. 1 and census date (Jan. 1)]

AGE AND SEX	1910		1920		1930		1940	
	Number	Percent of population	Number	Percent of population	Number	Percent of population	Number	Percent of population
TOTAL								
5 to 20 years old	**17,646,877**	**59.2**	**21,373,976**	**64.3**	**26,849,639**	**69.9**	**26,293,224**	**70.8**
5 years old	346,673	17.0	441,411	18.8	500,734	20.0	385,160	18.0
6 years old	1,059,353	52.1	1,480,714	63.3	1,667,486	66.3	1,420,051	69.1
7 years old	1,464,730	75.0	1,905,404	83.3	2,207,331	89.4	1,935,819	92.4
8 years old	1,586,572	82.7	2,010,894	88.5	2,451,048	94.1	2,089,528	94.8
9 years old	1,567,665	86.2	1,944,314	90.4	2,401,356	95.6	2,093,679	95.6
10 years old	1,681,342	90.0	2,077,965	93.0	2,427,254	97.1	2,209,240	95.7
11 years old	1,555,301	91.2	1,970,255	93.9	2,260,735	97.5	2,125,664	95.9
12 years old	1,716,310	89.8	2,082,749	93.2	2,408,623	97.1	2,315,270	95.5
13 years old	1,574,253	88.8	1,877,429	92.5	2,242,053	96.5	2,265,495	94.8
14 years old	1,501,456	81.2	1,766,784	86.3	2,212,825	92.9	2,224,670	92.5
15 years old	1,175,009	68.3	1,357,345	72.9	1,943,553	84.7	2,122,995	87.6
16 years old	943,511	50.6	1,001,701	50.8	1,569,839	66.3	1,897,179	76.2
17 years old	629,866	35.3	642,360	34.6	1,100,018	47.9	1,464,027	60.9
18 years old	434,864	22.6	413,619	21.7	723,524	30.7	940,105	36.4
19 years old	254,421	14.4	252,680	13.8	441,814	19.8	509,380	20.9
20 years old	155,551	8.4	148,352	8.3	291,446	13.1	294,962	12.5
MALE								
5 to 20 years old	**8,833,533**	**59.1**	**10,663,547**	**64.1**	**13,521,768**	**70.2**	**13,313,771**	**71.2**
5 years old	171,687	16.7	217,446	18.3	247,739	19.5	190,842	17.5
6 years old	529,244	51.7	739,300	62.8	832,088	65.5	710,525	68.2
7 years old	737,137	74.7	959,128	83.1	1,111,729	89.0	975,904	92.2
8 years old	797,445	82.5	1,011,506	88.3	1,234,410	94.0	1,027,382	94.7
9 years old	792,754	86.1	982,227	90.3	1,217,161	95.4	1,062,888	95.5
10 years old	848,141	89.6	1,048,389	92.9	1,226,457	96.9	1,121,202	95.6
11 years old	779,675	90.9	989,744	93.8	1,136,412	97.4	1,071,248	95.8
12 years old	864,799	89.2	1,052,583	93.0	1,222,203	96.9	1,176,278	95.3
13 years old	788,111	88.3	941,325	92.4	1,126,382	96.4	1,142,178	94.6
14 years old	755,379	80.7	890,571	86.2	1,120,653	92.9	1,122,703	92.2
15 years old	582,331	67.5	665,948	71.9	979,070	84.8	1,067,177	87.3
16 years old	456,081	49.3	470,433	48.2	777,585	65.8	945,009	75.7
17 years old	305,948	34.0	297,100	32.1	544,739	47.1	734,581	60.5
18 years old	209,687	22.1	192,481	20.5	359,527	31.1	488,650	38.1
19 years old	131,514	14.8	127,011	14.0	229,899	20.8	281,123	23.2
20 years old	83,600	9.3	78,355	9.3	155,714	14.6	166,081	14.4
FEMALE								
5 to 20 years old	**8,813,344**	**59.4**	**10,710,429**	**64.5**	**13,327,871**	**69.7**	**12,979,453**	**70.4**
5 years old	174,986	17.4	223,965	19.3	252,995	20.5	194,318	18.4
6 years old	530,109	52.4	741,414	63.9	835,398	67.1	709,526	70.1
7 years old	727,593	75.2	946,276	83.5	1,095,602	89.7	959,915	92.7
8 years old	789,127	82.8	999,388	88.6	1,216,638	94.3	1,032,146	95.0
9 years old	774,911	86.3	962,087	90.5	1,184,195	95.7	1,030,791	95.7
10 years old	833,201	90.4	1,029,576	93.2	1,200,797	97.2	1,088,038	95.8
11 years old	775,626	91.5	980,511	94.1	1,124,323	97.6	1,054,416	96.0
12 years old	851,511	90.3	1,030,166	93.4	1,186,420	97.3	1,138,992	95.7
13 years old	786,142	89.3	936,104	92.7	1,115,671	96.7	1,123,317	95.1
14 years old	746,077	81.8	876,213	86.5	1,092,172	92.9	1,101,967	92.8
15 years old	592,678	69.0	691,397	73.9	964,483	84.5	1,055,818	88.0
16 years old	487,430	51.9	531,268	53.3	792,254	66.8	952,170	76.8
17 years old	323,918	36.6	345,260	37.2	555,279	48.8	729,446	61.3
18 years old	225,177	23.0	221,138	22.8	363,997	30.3	451,455	34.7
19 years old	122,907	14.1	125,669	13.6	211,915	18.8	228,257	18.7
20 years old	71,951	7.5	69,997	7.5	135,732	11.7	128,881	10.6

Source: Dept. of Commerce, Bureau of Census; Sixteenth Census Reports, Population, Vol. IV, Part 1.

No. 128.—School Attendance of Persons 5 to 24 Years Old, by Age, Color, and Sex: 1940, 1947, and 1948

[1940 statistics cover total population 5 to 24 years old from 1940 census; 1947 and 1948 figures relate to civilian population, based on Current Population Survey; see Sampling Note, p. 183]

Year, color, and age	Total			Male			Female		
	Population	Attending school		Population	Attending school		Population	Attending school	
		Number	Percent		Number	Percent		Number	Percent
APRIL 1940									
Total, 5 to 24	**46,351,915**	**26,759,099**	**57.7**	**23,243,697**	**13,614,585**	**58.6**	**23,108,218**	**13,144,514**	**56.9**
5 years	2,142,407	[1] 385,160	18.0	1,087,811	[1] 190,842	17.5	1,054,596	[1] 194,318	18.4
6 years	2,054,385	[1] 1,420,051	69.1	1,041,757	[1] 710,525	68.2	1,012,628	[1] 709,526	70.1
7 to 9 years	6,487,830	6,119,026	94.3	3,289,255	3,096,174	94.1	3,198,575	3,022,852	94.5
10 to 13 years	9,340,205	8,915,669	95.5	4,734,213	4,510,906	95.3	4,605,992	4,404,763	95.6
14 to 17 years	9,720,419	7,708,871	79.3	4,902,896	3,869,470	78.9	4,817,523	3,839,401	79.7
18 and 19 years	5,018,834	1,449,485	28.9	2,495,373	769,773	30.8	2,523,461	679,712	26.9
20 to 24 years	11,587,835	760,837	6.6	5,692,392	466,895	8.2	5,895,443	293,942	5.0
White, 5 to 24	**40,985,842**	**23,895,882**	**58.3**	**20,633,106**	**12,219,451**	**59.2**	**20,352,736**	**11,676,431**	**57.4**
5 years	1,868,995	[1] 351,469	18.8	951,805	[1] 174,923	18.4	917,190	[1] 176,546	19.2
6 years	1,778,068	[1] 1,252,542	70.4	904,934	[1] 630,095	69.6	873,134	[1] 622,447	71.3
7 to 9 years	5,681,888	5,394,963	95.0	2,887,798	2,737,763	94.8	2,794,090	2,657,200	95.1
10 to 13 years	8,228,249	7,891,397	95.9	4,179,510	4,004,028	95.8	4,048,739	3,887,369	96.0
14 to 17 years	8,619,937	6,958,343	80.7	4,362,999	3,513,518	80.5	4,256,938	3,444,825	80.9
18 and 19 years	4,468,556	1,333,586	29.8	2,232,418	715,960	32.1	2,236,138	617,626	27.6
20 to 24 years	10,340,149	713,582	6.9	5,113,642	443,164	8.7	5,226,507	270,418	5.2
Nonwhite, 5 to 24	**5,366,073**	**2,863,217**	**53.4**	**2,610,591**	**1,395,134**	**53.4**	**2,755,482**	**1,468,083**	**53.3**
5 years	273,412	[1] 33,691	12.3	136,006	[1] 15,919	11.7	137,406	[1] 17,772	12.9
6 years	276,317	[1] 167,509	60.6	136,823	[1] 80,430	58.8	139,494	[1] 87,079	62.4
7 to 9 years	805,942	724,063	89.8	401,457	358,411	89.3	404,485	365,652	90.4
10 to 13 years	1,111,956	1,024,272	92.1	554,703	506,878	91.4	557,253	517,394	92.8
14 to 17 years	1,100,482	750,528	68.2	539,897	355,952	65.9	560,585	394,576	70.4
18 and 19 years	550,278	115,899	21.1	262,955	53,813	20.5	287,323	62,086	21.6
20 to 24 years	1,247,686	47,255	3.8	578,750	23,731	4.1	668,936	23,524	3.5
APRIL 1947									
Total, 5 to 24	**45,129,000**	**26,244,000**	**58.2**	**22,324,000**	**13,601,000**	**60.9**	**22,805,000**	**12,643,000**	**55.4**
5 years	2,628,000	136,000	5.2	1,342,000	54,000	4.0	1,286,000	82,000	6.4
6 years	2,446,000	1,644,000	67.2	1,247,000	834,000	66.9	1,199,000	810,000	67.6
7 to 9 years	6,915,000	6,643,000	96.1	3,521,000	3,372,000	95.8	3,394,000	3,271,000	96.4
10 to 13 years	8,562,000	8,354,000	97.6	4,347,000	4,245,000	97.7	4,215,000	4,109,000	97.5
14 to 17 years	8,689,000	7,057,000	81.2	4,377,000	3,538,000	80.8	4,312,000	3,519,000	81.6
18 and 19 years	4,141,000	1,148,000	27.7	1,837,000	565,000	30.8	2,304,000	583,000	25.3
20 to 24 years	11,748,000	1,262,000	10.7	5,653,000	993,000	17.6	6,095,000	269,000	4.4
White, 5 to 24	**39,465,000**	**23,138,000**	**58.6**	**19,536,000**	**12,036,000**	**61.6**	**19,929,000**	**11,102,000**	**55.7**
5 years	2,275,000	113,000	5.0	1,164,000	46,000	4.0	1,111,000	67,000	6.0
6 years	2,115,000	1,434,000	67.8	1,081,000	730,000	67.5	1,034,000	704,000	68.1
7 to 9 years	5,980,000	5,809,000	97.1	3,052,000	2,949,000	96.6	2,928,000	2,860,000	97.7
10 to 13 years	7,436,000	7,299,000	98.2	3,784,000	3,717,000	98.2	3,652,000	3,582,000	98.1
14 to 17 years	7,616,000	6,286,000	82.5	3,845,000	3,159,000	82.2	3,771,000	3,127,000	82.9
18 and 19 years	3,629,000	1,024,000	28.2	1,600,000	506,000	31.6	2,029,000	518,000	25.5
20 to 24 years	10,414,000	1,173,000	11.3	5,010,000	929,000	18.5	5,404,000	244,000	4.5
Nonwhite, 5 to 24	**5,664,000**	**3,106,000**	**54.8**	**2,788,000**	**1,565,000**	**56.1**	**2,876,000**	**1,541,000**	**53.6**
5 years	353,000	23,000	6.5	178,000	8,000	4.5	175,000	15,000	8.6
6 years	331,000	210,000	63.4	166,000	104,000	62.7	165,000	106,000	64.2
7 to 9 years	935,000	834,000	89.2	469,000	423,000	90.2	466,000	411,000	88.2
10 to 13 years	1,126,000	1,055,000	93.7	563,000	528,000	93.8	563,000	527,000	93.6
14 to 17 years	1,073,000	771,000	71.9	532,000	379,000	71.2	541,000	392,000	72.5
18 and 19 years	512,000	124,000	24.2	237,000	59,000	24.9	275,000	65,000	23.6
20 to 24 years	1,334,000	89,000	6.7	643,000	64,000	10.0	691,000	25,000	3.6
OCTOBER 1948									
Total, 5 to 24	**45,735,000**	**27,985,000**	**61.2**	**22,705,000**	**14,634,000**	**64.5**	**23,030,000**	**13,352,000**	**58.0**
5 years	3,018,000	653,000	21.6	1,542,000	309,000	20.0	1,476,000	343,000	23.2
6 years	2,766,000	2,584,000	93.4	1,413,000	1,319,000	93.3	1,353,000	1,265,000	93.5
7 to 9 years	7,193,000	7,074,000	98.3	3,664,000	3,609,000	98.5	3,529,000	3,465,000	98.2
10 to 13 years	8,792,000	8,614,000	98.0	4,466,000	4,381,000	98.1	4,327,000	4,233,000	97.8
14 and 15 years	4,104,000	3,806,000	92.7	2,076,000	1,909,000	92.0	2,028,000	1,897,000	93.5
16 and 17 years	4,238,000	3,018,000	71.2	2,118,000	1,527,000	72.1	2,120,000	1,491,000	70.3
18 and 19 years	4,209,000	1,134,000	26.9	1,987,000	682,000	34.3	2,222,000	452,000	20.3
20 to 24 years	11,416,000	1,103,000	9.7	5,440,000	898,000	16.5	5,976,000	206,000	3.4

[1] Includes those attending kindergarten, excluded in 1947 and 1948.

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, Nos. 12 and 24.

No. 129.—Persons 5 and 6 Years Old Enrolled in Kindergarten, by Age and Sex: October 1947 and 1948

[Based on Current Population Survey; see Sampling Note, p. 183]

Age and sex	October 1947			October 1948		
	Total population	Enrolled in kindergarten		Total population	Enrolled in kindergarten	
		Number	Percent		Number	Percent
TOTAL						
5 and 6 years old	**5,288,000**	**835,000**	**15.8**	**5,784,000**	**1,086,000**	**18.8**
5 years old	2,766,000	774,000	28.0	3,018,000	1,008,000	33.4
6 years old	2,522,000	61,000	2.4	2,766,000	78,000	2.8
MALE						
5 and 6 years old	**2,699,000**	**434,000**	**16.1**	**2,955,000**	**557,000**	**18.8**
5 years old	1,413,000	397,000	28.1	1,542,000	520,000	33.7
6 years old	1,286,000	37,000	2.9	1,413,000	37,000	2.6
FEMALE						
5 and 6 years old	**2,589,000**	**401,000**	**15.5**	**2,829,000**	**529,000**	**18.7**
5 years old	1,353,000	377,000	27.9	1,476,000	488,000	33.1
6 years old	1,236,000	24,000	1.9	1,353,000	41,000	3.0

Source. Department of Commerce, Bureau of the Census; Current Population Reports, Series P–20, No. 24, and records.

No. 130.—Type of School Attended by the Enrolled Population 5 to 24 Years Old, by Age and Sex: April 1940 and October 1948

[1940 statistics cover total population 5 to 24 years old from 1940 census; 1948 figures relate to civilan population, based on Current Population Survey. See Sampling Note, p. 183]

Year, age, and sex	Total enrolled	Type of school					
		Elementary		High school		College or professional school	
		Number	Percent of total enrolled	Number	Percent of total enrolled	Number	Percent of total enrolled
APRIL 1940							
Total, 5 to 24	**26,518,890**	**18,142,242**	**68.4**	**6,839,399**	**25.8**	**1,537,249**	**5.8**
5 to 13 years	16,649,812	16,152,553	97.0	497,259	3.0		
14 to 17 years	7,670,146	1,925,461	25.1	5,513,473	71.9	231,212	3.0
18 and 19 years	1,442,481	48,836	3.4	730,209	50.6	663,436	46.0
20 to 24 years	756,451	15,392	2.0	98,458	13.0	642,601	84.9
Male, 5 to 24	**13,489,530**	**9,323,765**	**69.1**	**3,352,749**	**24.9**	**813,016**	**6.0**
5 to 13 years	8,410,009	8,191,012	97.4	218,997	2.6		
14 to 17 years	3,849,366	1,096,473	28.5	2,654,287	69.0	98,606	2.6
18 and 19 years	765,918	27,428	3.6	418,547	54.6	319,943	41.8
20 to 24 years	464,237	8,852	1.9	60,918	13.1	394,467	85.0
Female, 5 to 24	**13,029,360**	**8,818,477**	**67.7**	**3,486,650**	**26.8**	**724,733**	**5.6**
5 to 13 years	8,239,803	7,961,541	96.6	278,262	3.4		
14 to 17 years	3,820,780	828,988	21.7	2,859,186	74.8	132,606	3.5
18 and 19 years	676,563	21,408	3.2	311,662	46.1	343,493	50.8
20 to 24 years	292,214	6,540	2.2	37,540	12.8	248,134	84.9
OCTOBER 1948							
Total, 5 to 24	**27,985,000**	**19,773,000**	**70.7**	**6,310,000**	**22.5**	**1,902,000**	**6.8**
5 to 13 years	18,924,000	18,588,000	98.2	337,000	1.8		
14 to 17 years	6,824,000	1,153,000	16.9	5,520,000	80.9	151,000	2.2
18 and 19 years	1,134,000	19,000	1.7	393,000	34.7	723,000	63.8
20 to 24 years	1,103,000	14,000	1.3	61,000	5.5	1,029,000	93.3
Male, 5 to 24	**14,633,000**	**10,217,000**	**69.8**	**3,063,000**	**20.9**	**1,354,000**	**9.3**
5 to 13 years	9,619,000	9,484,000	98.6	134,000	1.4		
14 to 17 years	3,436,000	707,000	20.6	2,662,000	77.5	66,000	1.9
18 and 19 years	682,000	15,000	2.2	218,000	32.0	449,000	65.8
20 to 24 years	898,000	10,000	1.1	49,000	5.5	838,000	93.3
Female, 5 to 24	**13,351,000**	**9,556,000**	**71.6**	**3,247,000**	**24.3**	**549,000**	**4.1**
5 to 13 years	9,306,000	9,104,000	97.8	202,000	2.2		
14 to 17 years	3,388,000	445,000	13.1	2,858,000	84.4	85,000	2.5
18 and 19 years	452,000	3,000	.7	175,000	38.7	274,000	60.6
20 to 24 years	206,000	3,000	1.5	12,000	5.8	190,000	92.2

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P–20, No. 24, and records.

No. 131.—Median Years of School Completed by Persons 14 to 24 Years Old, by School Attendance, Age, and Sex: 1940 and 1947

[1940 statistics cover total population 14 to 24 years old from 1940 census; 1947 figures relate to civilian population based on Current Population Survey; see Sampling Note, p. 183. For definition of median, see p. 107]

Year and age	Attending school			Not attending school		
	Total	Male	Female	Total	Male	Female
April 1940						
14 to 24 years old	9.9	9.8	10.0	10.3	9.8	10.7
14 to 17 years old	9.3	9.2	9.5	8.0	7.7	8.3
18 and 19 years old	11.8	11.5	12.0	10.3	9.7	10.8
20 to 24 years old	13.9	14.0	13.7	10.9	10.5	11.3
April 1947						
14 to 24 years old	10.0	10.0	10.0	11.3	10.4	12.0
14 to 17 years old	9.3	9.1	9.6	8.5	8.0	9.0
18 and 19 years old	11.6	11.4	11.8	11.2	10.0	12.0
20 to 24 years old	13.0	12.8	14.0	11.9	11.0	12.1

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 15.

No. 132.—Median Years of School Completed by Persons 5 to 24 Years Old, by Single Years of Age: 1940

[Medians for persons 5 and 6 years old attending school, and for those 5 to 7 years old not attending school may be assumed to be less than 1.0 years. For definition of median, see p. 107]

Age and school attendance	Total	Male	Female	White		Nonwhite		Urban	Rural-nonfarm	Rural-farm
				Male	Female	Male	Female			
Attending school										
7 years old	1.5	1.5	1.6	1.5	1.6	1.4	1.5	1.6	1.5	1.5
8 years old	2.4	2.3	2.4	2.4	2.5	1.9	2.1	2.5	2.3	2.3
9 years old	3.3	3.2	3.4	3.3	3.4	2.6	2.8	3.4	3.2	3.1
10 years old	4.2	4.1	4.3	4.2	4.4	3.2	3.6	4.3	4.1	4.0
11 years old	5.2	5.1	5.3	5.1	5.3	3.9	4.4	5.3	5.1	4.9
12 years old	6.1	6.0	6.2	6.1	6.3	4.5	5.1	6.3	6.0	5.7
13 years old	7.1	6.9	7.2	7.0	7.3	5.2	5.9	7.3	6.9	6.7
14 years old	8.1	7.9	8.2	8.0	8.3	6.1	6.7	8.3	7.9	7.6
15 years old	9.1	8.9	9.2	9.0	9.3	6.9	7.6	9.2	8.9	8.6
16 years old	10.0	9.9	10.2	10.0	10.3	7.9	8.7	10.2	10.0	9.6
17 years old	11.1	10.9	11.2	11.0	11.2	9.2	9.8	11.2	11.0	10.7
18 years old	11.7	11.6	11.8	11.6	11.8	10.2	10.6	11.8	11.6	11.4
19 years old	12.5	12.3	12.6	12.4	12.7	11.0	11.3	12.7	12.3	11.9
20 years old	13.4	13.3	13.4	13.4	13.5	11.6	11.9	13.6	13.3	12.6
21 years old	14.4	14.3	14.4	14.4	14.5	12.4	12.6	14.5	14.4	13.5
22 years old	14.8	14.9	14.4	15.0	14.5	13.2	12.8	14.9	14.8	13.9
23 years old	14.9	15.2	14.0	15.2	14.1	13.3	12.8	15.1	14.9	14.1
24 years old	15.0	15.3	13.7	15.4	13.8	13.6	12.6	15.1	15.0	14.1
Not attending school										
8 years old	1.8	1.7	1.9	2.0	2.2	-------	1.0	2.2	1.7	1.6
9 years old	2.7	2.6	2.9	2.8	3.1	1.4	1.7	3.2	2.6	2.4
10 years old	3.4	3.3	3.7	3.6	4.0	1.9	2.2	4.2	3.3	3.0
11 years old	4.3	4.1	4.5	4.4	4.9	2.4	2.8	5.1	4.2	3.8
12 years old	4.9	4.6	5.3	5.1	5.7	2.8	3.5	6.1	4.8	4.3
13 years old	5.7	5.2	6.2	6.0	6.6	3.3	4.1	7.0	5.4	4.9
14 years old	6.7	6.2	7.2	6.9	7.6	3.9	4.9	7.8	6.4	6.1
15 years old	7.5	7.0	7.9	7.7	8.2	4.6	5.7	8.3	7.2	7.1
16 years old	8.2	7.9	8.4	8.2	8.6	5.2	6.5	8.8	8.0	7.6
17 years old	8.7	8.4	8.9	8.7	9.2	5.8	7.1	9.5	8.5	8.1
18 years old	9.8	9.2	10.3	9.6	10.7	6.3	7.5	10.8	9.4	8.4
19 years old	10.6	10.1	11.1	10.4	11.6	6.7	7.9	11.6	10.2	8.7
20 years old	10.7	10.3	11.1	10.7	11.7	6.7	7.7	11.7	10.4	8.7
21 years old	10.9	10.4	11.4	10.8	11.9	6.8	7.9	11.9	10.5	8.8
22 years old	10.9	10.5	11.4	10.9	11.9	6.6	7.7	12.0	10.6	8.7
23 years old	10.9	10.6	11.2	10.9	11.8	6.7	7.7	11.9	10.5	8.7
24 years old	10.8	10.5	11.0	10.9	11.7	6.7	7.7	11.7	10.5	8.7

Source: Dept. of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. IV, Part 1.

No. 133.—Median Years of School Completed for Persons 25 Years Old and Over, by Race and by Urban and Rural Residence, by States: 1940

[For definition of median, see p. 107]

Division and State	Median years of school completed							
	Total	Race				Residence		
		Native white	Foreign-born white	Negro	Other races	Urban	Rural-nonfarm	Rural-farm
United States	8.4	8.8	7.3	5.7	6.8	8.7	8.4	7.7
New England	8.8	10.0	7.3	7.8	7.0	8.8	8.9	8.6
Maine	8.9	9.6	7.6	7.8	7.1	9.1	9.0	8.7
New Hampshire	8.7	9.1	7.4	8.1	-------	8.6	8.9	8.7
Vermont	8.8	9.0	7.8	8.0	-------	9.5	8.8	8.5
Massachusetts	9.0	10.7	7.4	8.0	6.9	9.0	9.3	8.6
Rhode Island	8.3	8.8	6.8	7.6	6.5	8.3	8.3	8.2
Connecticut	8.5	9.1	7.1	7.6	7.7	8.4	8.7	8.3
Middle Atlantic	8.4	8.8	7.2	7.5	6.1	8.4	8.3	8.1
New York	8.4	9.0	7.4	7.8	6.0	8.4	8.7	8.3
New Jersey	8.4	8.8	7.2	7.2	6.5	8.4	8.4	7.9
Pennsylvania	8.2	8.6	6.9	7.1	6.7	8.4	8.1	8.0
East North Central	8.5	8.8	7.3	7.5	7.5	8.7	8.5	8.1
Ohio	8.6	8.8	6.9	7.4	7.2	8.7	8.5	8.2
Indiana	8.5	8.6	7.2	7.6	7.5	8.7	8.5	8.2
Illinois	8.5	8.8	7.4	7.7	8.7	8.6	8.3	8.1
Michigan	8.6	9.0	7.5	7.6	7.0	8.8	8.6	8.1
Wisconsin	8.3	8.5	7.3	7.5	7.3	8.6	8.4	7.9
West North Central	8.5	8.7	7.6	7.4	7.0	8.9	8.5	8.1
Minnesota	8.5	8.7	7.6	8.4	7.0	8.9	8.4	8.0
Iowa	8.7	8.8	7.8	8.0	7.7	9.6	8.7	8.4
Missouri	8.3	8.4	7.5	7.2	8.3	8.6	8.3	7.9
North Dakota	8.3	8.5	7.5	7.3	5.8	9.8	8.4	7.9
South Dakota	8.5	8.7	7.6	8.3	6.9	10.0	8.6	8.1
Nebraska	8.8	8.9	7.6	8.0	8.1	9.9	8.8	8.3
Kansas	8.7	8.8	7.3	7.9	7.8	9.3	8.7	8.4
South Atlantic	7.8	8.5	7.7	4.9	5.3	8.6	7.7	6.5
Delaware	8.5	8.9	7.0	6.1	-------	8.7	8.6	7.7
Maryland	8.0	8.4	6.8	5.8	6.2	8.0	8.2	7.4
District of Columbia	10.3	12.1	8.3	7.6	8.0	10.3	-------	-------
Virginia	7.7	8.3	8.3	5.0	6.6	8.7	7.7	6.6
West Virginia	7.8	7.9	5.7	6.5	-------	8.7	7.6	7.3
North Carolina	7.4	8.1	10.6	5.1	4.9	8.6	7.6	6.6
South Carolina	6.7	8.7	9.1	3.9	3.6	8.7	6.9	5.5
Georgia	7.1	8.4	8.9	4.2	7.7	8.1	7.5	6.0
Florida	8.3	9.5	8.3	5.2	5.8	8.9	7.9	7.1
East South Central	7.5	8.1	8.0	5.0	3.3	8.4	7.7	6.7
Kentucky	7.7	7.8	7.8	6.2	7.3	8.4	7.7	7.2
Tennessee	7.7	8.0	8.3	5.8	6.4	8.4	7.8	7.0
Alabama	7.1	8.2	8.1	4.5	4.4	8.3	7.3	6.1
Mississippi	7.1	8.9	8.0	4.7	2.2	8.7	8.0	6.2
West South Central	8.1	8.7	4.5	5.3	7.0	9.0	8.1	7.1
Arkansas	7.5	8.1	7.8	5.2	7.0	8.9	7.8	6.9
Louisiana	6.6	8.2	6.9	3.9	1.0	7.9	6.5	4.5
Oklahoma	8.4	8.5	7.7	7.0	7.1	9.9	8.2	7.7
Texas	8.5	9.3	3.9	6.1	6.7	9.5	8.7	7.5
Mountain	8.9	9.4	7.5	7.8	2.7	10.0	8.7	8.2
Montana	8.7	9.1	7.7	7.9	6.5	9.6	8.7	8.3
Idaho	8.9	9.2	7.9	7.4	6.6	10.5	8.9	8.6
Wyoming	9.2	9.9	7.5	7.9	7.2	10.3	9.3	8.6
Colorado	8.9	9.4	7.4	8.5	7.4	9.9	8.7	8.3
New Mexico	7.9	8.2	4.6	7.3	0.9	9.4	7.5	6.7
Arizona	8.6	9.6	5.5	7.4	1.0	9.6	8.6	7.2
Utah	10.2	10.7	7.9	8.4	5.3	10.8	9.7	9.0
Nevada	9.6	10.7	7.6	7.8	4.8	10.5	9.5	8.4
Pacific	9.7	10.5	7.9	8.3	7.7	10.4	8.9	8.4
Washington	9.1	10.0	8.1	8.1	8.0	10.1	8.9	8.4
Oregon	9.1	9.6	8.1	8.3	7.8	10.2	8.9	8.5
California	9.9	10.8	7.8	8.3	7.6	10.5	8.9	8.3

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

No. 134.—Years of School Completed for Persons 25 Years Old and Over, by Age and Sex: 1940 and 1947

[1940 statistics cover total population 25 years old and over from 1940 census; 1947 figures relate to civilian population, based on Current Population Survey; see Sampling Note, p. 183]

Year, age, and sex	Population [1]	Median years of school completed	Years of school completed						
			Grade school			High school		College	
			Less than 5 years [2]	5 and 6 years	7 and 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more
APRIL 1940									
Total, 25 and over	**74,775,836**	**8.4**	**10,104,612**	**8,515,111**	**25,897,953**	**11,181,995**	**10,551,680**	**4,075,184**	**3,407,331**
25 to 29 years	11,096,638	10.4	653,127	803,107	2,910,562	2,444,919	2,746,426	800,201	646,974
30 to 34 years	10,242,388	9.5	724,679	866,307	3,095,654	2,108,419	1,955,554	753,723	641,072
35 to 44 years	18,333,220	8.6	1,977,080	1,969,161	6,526,024	3,043,314	2,559,923	1,105,955	928,504
45 to 54 years	15,512,071	8.1	2,571,798	1,985,533	5,789,822	1,928,873	1,657,052	730,080	611,397
55 to 64 years	10,572,205	7.8	2,045,071	1,483,090	4,076,427	1,041,619	982,768	410,691	348,859
65 years and over	9,019,314	7.5	2,132,857	1,407,913	3,499,464	614,851	649,957	274,534	230,525
Male, 25 and over	**37,463,087**	**8.3**	**5,550,390**	**4,399,910**	**13,239,380**	**5,332,803**	**4,507,244**	**1,823,981**	**2,021,228**
25 to 29 years	5,450,662	10.1	373,692	410,020	1,485,833	1,185,458	1,205,006	366,976	373,061
30 to 34 years	5,070,312	9.2	405,413	437,620	1,598,597	1,035,006	844,250	324,775	370,838
35 to 44 years	9,164,794	8.5	1,058,753	1,002,228	3,388,681	1,479,189	1,078,619	483,244	545,618
45 to 54 years	7,962,019	8.0	1,420,602	1,052,776	3,014,263	909,052	719,357	335,515	371,168
55 to 64 years	5,409,180	7.7	1,151,186	786,274	2,079,724	466,798	412,418	189,201	217,570
65 years and over	4,406,120	7.4	1,140,744	710,992	1,672,282	257,300	247,594	124,270	142,973
Female, 25 and over	**37,312,749**	**8.5**	**4,554,222**	**4,115,201**	**12,658,573**	**5,849,192**	**6,044,436**	**2,251,203**	**1,386,103**
25 to 29 years	5,645,976	10.7	279,435	393,087	1,424,729	1,259,461	1,541,420	433,225	273,913
30 to 34 years	5,172,076	9.9	319,266	428,687	1,497,057	1,073,413	1,111,304	428,948	270,234
35 to 44 years	9,168,426	8.7	918,327	966,933	3,137,343	1,564,125	1,481,304	622,711	382,886
45 to 54 years	7,550,052	8.2	1,151,196	932,757	2,775,559	1,019,821	937,695	394,565	240,229
55 to 64 years	5,163,025	8.0	893,885	696,816	1,996,703	574,821	570,350	221,490	131,289
65 years and over	4,613,194	7.6	992,113	696,921	1,827,182	357,551	402,363	150,264	87,552
APRIL 1947									
Total, 25 and over	**82,578,000**	**9.0**	**8,611,000**	**7,290,000**	**25,018,000**	**13,487,000**	**16,926,000**	**5,533,000**	**4,424,000**
25 to 29 years	11,554,000	12.0	489,000	539,000	1,921,000	2,618,000	4,200,000	1,057,000	641,000
30 to 34 years	11,073,000	11.4	526,000	582,000	2,481,000	2,379,000	3,430,000	851,000	737,000
35 to 44 years	19,983,000	9.9	1,280,000	1,446,000	6,037,000	3,748,000	4,283,000	1,591,000	1,409,000
45 to 54 years	16,734,000	8.5	1,923,000	1,754,000	5,947,000	2,563,000	2,432,000	1,031,000	812,000
55 to 64 years	12,643,000	8.1	2,099,000	1,506,000	4,726,000	1,355,000	1,544,000	628,000	471,000
65 years and over	10,591,000	7.7	2,294,000	1,463,000	3,906,000	824,000	1,037,000	375,000	354,000
Male, 25 and over	**40,483,000**	**8.9**	**4,615,000**	**3,701,000**	**12,385,000**	**6,535,000**	**7,353,000**	**2,625,000**	**2,478,000**
25 to 29 years	5,540,000	11.9	256,000	270,000	893,000	1,352,000	1,828,000	559,000	319,000
30 to 34 years	5,354,000	11.3	288,000	282,000	1,220,000	1,142,000	1,509,000	434,000	419,000
35 to 44 years	9,826,000	9.6	703,000	768,000	3,045,000	1,822,000	1,848,000	728,000	792,000
45 to 54 years	8,339,000	8.5	975,000	890,000	3,062,000	1,280,000	1,059,000	440,000	466,000
55 to 64 years	6,368,000	8.0	1,147,000	791,000	2,358,000	596,000	694,000	300,000	277,000
65 years and over	5,056,000	7.5	1,246,000	700,000	1,807,000	343,000	415,000	164,000	205,000
Female, 25 and over	**42,095,000**	**9.3**	**3,996,000**	**3,589,000**	**12,633,000**	**6,952,000**	**9,573,000**	**2,908,000**	**1,946,000**
25 to 29 years	6,014,000	12.1	233,000	269,000	1,028,000	1,266,000	2,372,000	498,000	322,000
30 to 34 years	5,719,000	11.5	238,000	300,000	1,261,000	1,237,000	1,921,000	417,000	318,000
35 to 44 years	10,157,000	10.2	577,000	678,000	2,992,000	1,926,000	2,435,000	863,000	617,000
45 to 54 years	8,395,000	8.6	948,000	864,000	2,885,000	1,283,000	1,373,000	591,000	346,000
55 to 64 years	6,275,000	8.2	952,000	715,000	2,368,000	759,000	850,000	328,000	194,000
65 years and over	5,535,000	7.8	1,048,000	763,000	2,099,000	481,000	622,000	211,000	149,000

[1] Includes 1,041,970 persons for 1940 and 1,289,000 persons for 1947, not reported by years of school completed and not shown separately in this table.

[2] Includes persons reporting no school years completed.

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 15.

No. 135.—Median Wage or Salary Income in 1939 for Native White and Negro Males 25 to 64 Years Old, by Years of School Completed: 1940

[Statistics based on Sample B; see p. 1. Data are for persons in urban and rural nonfarm areas with $1 or more of wage or salary income and without other income in 1939. For definitions, see source publication]

Color and years of school completed	Median wage or salary income by age of male					
	Total, 25 to 64 years old	25 to 29 years	30 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years
Native white male, total	**$1,217**	**$1,017**	**$1,229**	**$1,370**	**$1,349**	**$1,090**
No school years completed	473	407	471	486	503	463
Grade school: 1 to 4 years	585	406	497	620	694	598
5 and 6 years	818	565	730	893	952	825
7 and 8 years	1,014	820	1,019	1,228	1,280	1,095
High school: 1 to 3 years	1,274	1,024	1,259	1,480	1,556	1,332
4 years	1,454	1,176	1,473	1,764	1,875	1,711
College: 1 to 3 years	1,651	1,330	1,654	1,915	1,953	1,618
4 years or more	2,046	1,567	1,998	2,465	2,679	2,395
School years not reported	1,092	901	1,104	1,180	1,229	917
Negro male, total	**520**	**448**	**527**	**580**	**541**	**480**
No school years completed	365	316	348	387	373	364
Grade school: 1 to 4 years	406	345	390	446	424	402
5 and 6 years	521	410	507	570	600	559
7 and 8 years	656	522	633	711	732	682
High school: 1 to 3 years	679	596	682	755	753	678
4 years	775	689	770	856	902	787
College: 1 to 3 years	820	704	792	888	968	875
4 years or more	1,047	882	1,000	1,157	1,201	1,103
School years not reported	491	389	597	571	458	429

Source: Department of Commerce, Bureau of the Census; Population—Special Reports, Series P-46, No. 5.

No. 136.—Illiteracy in the Civilian Noninstitutional Population 14 Years and Over, by Age and Sex, Urban and Rural: October 1947

[Based on supplementary questions included in Current Population Survey; see Sampling Note, p. 183. Illiterates defined: Persons unable to read or write in any language]

Age and area	Total population			Male			Female		
	Total number	Illiterate		Total number	Illiterate		Total number	Illiterate	
		Number	Percent		Number	Percent		Number	Percent
UNITED STATES									
Total, 14 years and over	**106,428,000**	**2,838,000**	**2.7**	**51,733,000**	**1,557,000**	**3.0**	**54,693,000**	**1,280,000**	**2.3**
14 to 24 years	24,257,000	232,000	1.0	11,706,000	158,000	1.3	12,550,000	74,000	.6
25 to 34 years	22,481,000	310,000	1.4	10,726,000	192,000	1.8	11,754,000	118,000	1.0
35 to 44 years	19,898,000	420,000	2.1	9,717,000	262,000	2.7	10,181,000	158,000	1.6
45 to 54 years	16,625,000	506,000	3.0	8,235,000	281,000	3.4	8,390,000	225,000	2.7
55 to 64 years	12,652,000	662,000	5.2	6,344,000	318,000	5.0	6,308,000	344,000	5.5
65 years and over	10,515,000	709,000	6.7	5,005,000	348,000	7.0	5,510,000	361,000	6.6
URBAN									
Total, 14 years and over	64,900,000	1,267,000	2.0	30,851,000	590,000	1.9	34,049,000	677,000	2.0
RURAL-NONFARM									
Total, 14 years and over	22,026,000	539,000	2.4	10,776,000	309,000	2.9	11,250,000	230,000	2.0
RURAL-FARM									
Total, 14 years and over	19,501,000	1,032,000	5.3	10,107,000	659,000	6.5	9,395,000	373,000	4.0

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 20.

No. 137.—Public Elementary and Secondary Schools—Summary: 1870 to 1947

ITEM	1870	1880	1890	1900	1910
Total population	[1] 38,558,371	[1] 50,155,783	[1] [2] 62,622,250	[1] [2] 75,602,515	[1] 91,972,266
Population 5–17 years, inclusive	[1] 12,055,443	[1] 15,065,767	[1] [2] 18,543,201	[1] [2] 21,404,322	[1] 24,239,948
Percent of total population	31.3	30.0	29.6	28.3	26.4
Pupils enrolled in public schools	6,871,522	9,867,395	12,722,631	15,503,110	17,813,852
Percent of total population	17.82	19.67	20.32	20.51	19.37
Percent of population 5–17, inclusive	57.00	65.50	68.61	72.43	73.49
Average daily attendance	4,077,347	6,144,143	8,153,635	10,632,772	12,827,307
Percent of pupils enrolled	59.3	62.3	64.1	68.6	72.0
Average number of days schools in session	132.2	130.3	134.7	144.3	157.5
Average number of days attended per enrolled pupil	78.4	81.1	86.3	99.0	113.0
Number of teachers	200,515	286,593	363,922	423,062	523,210
Male	77,529	122,795	125,525	126,588	110,481
Female	122,986	163,798	238,397	296,474	412,729
Percent male teachers	38.7	42.8	34.5	29.9	21.1
Salaries: Teachers, supervisors, and principals (thousands of dollars)	37,833	55,943	91,836	137,688	253,915
Average annual salary per teacher	$189	$195	$252	$325	$485
Total expenditure for education (thousands of dollars) [3]	63,397	78,095	140,507	214,965	426,250
Per capita of total population	$1.64	$1.56	$2.24	$2.84	$4.63
Per capita of population 5–17, inclusive	$5.26	$5.18	$7.58	$10.04	$17.58
Per pupil enrolled	$9.23	$7.91	$11.04	$13.87	$23.93
Per pupil in average attendance	$15.55	$12.71	$17.23	$20.22	$33.23

ITEM	1920	1930	1940	1944	1946	1947
Total population	[1] 105,710,620	[1] 122,775,046	[1] 131,669,275	[4] 138,083,449	[5] 139,893,406	[5] 143,405,000
Population 5–17 years, inclusive	[1] 27,728,788	[1] 31,571,322	[1] 29,745,246	28,930,000	28,944,000	29,317,000
Percent of total population	26.2	25.7	22.6	21.0	20.7	20.4
Pupils enrolled in public schools	21,578,316	25,678,015	25,433,542	23,266,616	23,299,941	23,659,158
Percent of total population	20.4	20.9	19.3	16.9	16.7	16.5
Percent of population 5–17, inclusive	77.8	81.3	85.5	80.4	80.5	80.7
Average daily attendance	16,150,035	21,264,886	22,042,151	19,602,772	19,848,507	20,448,656
Percent of pupils enrolled	74.8	82.8	86.7	84.3	85.2	86.4
Average number of days schools in session	161.9	172.7	175.0	175.5	176.8	176.2
Average number of days attended per enrolled pupil	121.2	143.0	151.7	147.9	150.6	152.3
Number of teachers	679,533	854,263	875,477	827,990	831,026	833,512
Male	95,666	141,771	194,725	126,672	138,209	153,297
Female	583,867	712,492	680,752	701,318	692,817	680,215
Percent male teachers	14.1	16.6	22.2	15.3	16.6	18.4
Salaries: Teachers, supervisors, and principals (thousands of dollars)	590,120	1,250,427	1,314,342	1,494,507	1,730,563	1,979,657
Average annual salary per teacher [6]	$871	$1,420	$1,441	$1,728	$1,995	$2,254
Total expenditure for education (thousands of dollars) [3]	1,036,151	2,316,790	2,344,049	2,452,581	2,906,886	3,419,994
Per capita of total population	$9.80	$18.87	$17.77	$17.76	$20.78	$23.85
Per capita of population 5–17, inclusive	$37.37	$73.38	$78.65	$84.78	$100.43	$116.66
Per pupil enrolled [7]	$48.02	$89.84	$91.64	$105.04	$124.27	$143.77
Per pupil in average attendance [7]	$64.16	$108.49	$105.74	$124.68	$145.88	$166.34

[1] Census enumeration as of June 1, 1870 to 1900; Apr. 15, 1910; Jan. 1, 1920; Apr. 1, 1930 and 1940.
[2] Excluding population of Indian Territory which is not covered by public-school statistics, and also, for 1890, population of Indian reservations. These were not enumerated at censuses prior to 1890.
[3] Current expense, capital outlays, and interest.
[4] Census estimate for July 1 (including armed forces overseas).
[5] Census estimate, excludes armed forces overseas.
[6] Beginning 1920, based on total number of teachers, supervisors, and principals.
[7] Beginning 1920, excludes data for night, summer, part-time, and continuation schools separately reported.

Source (except for population statistics and estimates): Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistical Summary of Education and chapter on Statistics of State School Systems, and circular No. 255, Statistics of State School Systems.

No. 138.—Number of Schools of Specified Types, by States: 1946

STATE	PUBLIC SCHOOLS (EXCLUDING KINDERGARTENS)		PRIVATE SCHOOLS		COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS		RESIDENTIAL SCHOOLS FOR EXCEPTIONAL CHILDREN		Schools of nursing [1]
	Elementary	Secondary	Elementary	Secondary	Public	Private	Public	Private	
Continental United States	**160,227**	**24,314**	**9,863**	**3,294**	**554**	**1,127**	**307**	**137**	**1,271**
Alabama	3,272	662	90	46	9	17	8	1	17
Arizona	466	85	39	16	5	-------	3	-------	4
Arkansas	3,596	586	56	21	12	12	4	-------	8
California	3,491	603	355	163	47	45	8	12	41
Colorado	[2] 1,955	282	86	30	11	6	6	1	14
Connecticut	772	125	189	76	5	18	5	3	20
Delaware	162	50	26	11	2	2	4	-------	7
District of Columbia	92	35	39	23	2	21	5	2	8
Florida	1,689	475	58	55	5	11	5	-------	14
Georgia	4,046	793	38	29	20	31	7	1	17
Idaho	929	170	24	7	5	3	4	-------	8
Illinois	9,144	941	852	189	21	83	5	5	96
Indiana	2,591	845	294	39	6	34	7	1	28
Iowa	8,149	964	334	137	16	30	6	2	27
Kansas	5,248	694	228	33	20	23	5	-------	35
Kentucky	5,585	585	221	96	9	29	5	1	14
Louisiana	2,457	495	216	88	7	11	7	2	16
Maine	1,574	229	67	60	5	8	4	-------	16
Maryland	915	207	181	61	8	21	6	9	23
Massachusetts	1,771	428	401	202	13	55	11	11	64
Michigan	[3] 8,000	694	425	169	16	25	9	6	30
Minnesota	6,057	533	331	73	18	28	11	3	25
Mississippi	4,658	609	43	39	19	14	4	-------	25
Missouri	6,675	811	412	89	17	37	11	3	30
Montana	1,467	191	38	18	8	3	5	-------	6
Nebraska	5,670	583	215	47	9	13	5	-------	13
Nevada	201	38	1	1	1	-------	1	-------	-------
New Hampshire	1,584	108	65	40	3	6	2	-------	14
New Jersey	1,553	278	369	126	9	25	9	6	42
New Mexico	694	133	44	19	7	-------	5	-------	1
New York	6,671	1,030	1,050	335	21	88	11	31	121
North Carolina	3,418	960	49	31	13	39	9	-------	47
North Dakota	3,173	426	49	18	10	2	4	-------	14
Ohio	3,502	1,244	571	154	9	57	11	1	65
Oklahoma	3,566	866	76	38	24	10	8	2	13
Oregon	1,302	268	72	24	5	15	5	1	11
Pennsylvania	8,025	1,193	907	246	16	88	8	23	124
Rhode Island	322	62	80	29	2	6	4	1	5
South Carolina	3,496	432	22	19	8	25	6	-------	18
South Dakota	3,409	297	48	18	7	9	4	-------	9
Tennessee	4,907	506	72	41	7	41	7	1	18
Texas	[2] 7,175	1,666	326	92	40	43	11	2	37
Utah	369	141	10	6	6	4	4	-------	6
Vermont	945	88	29	25	4	7	2	1	10
Virginia	3,230	516	60	59	10	33	10	1	34
Washington	1,158	323	105	49	12	11	8	-------	19
West Virginia	4,229	372	52	15	10	9	9	-------	30
Wisconsin	6,221	504	541	91	11	29	6	4	25
Wyoming	646	98	7	1	1	-------	3	-------	2
U. S. Service Schools [4]	-------	-------	-------	-------	3	-------	-------	-------	-------

[1] Source: National League of Nursing Education.
[2] 1944 data.
[3] Estimated from previous years.
[4] U. S. Coast Guard Academy, New London, Conn., U. S. Naval Academy, Annapolis, Md., and U. S. Military Academy, West Point, N. Y.

Source: Federal Security Agency, Office of Education: Biennial Survey of Education, Chapter on Statistical Summary of Education.

No. 139.—Public Elementary and Secondary Schools—Enrollment and Attendance, by States and Other Areas: 1947

[Includes data for kindergartens. Excludes data for residential schools for exceptional children, observation and practice schools, and preparatory departments of colleges and universities]

Division, state, or other area	Pupils enrolled			Average daily attendance	Average number of days school in session	Average number of days attended per pupil enrolled	High school graduates
	Total	Elementary	Secondary				
Continental U. S.	**23,659,158**	**17,821,481**	**5,837,677**	**20,448,656**	**176.2**	**152.3**	**1,073,679**
New England	**1,210,692**	**874,977**	**335,715**	**1,073,039**	**178.9**	**158.6**	**65,181**
Maine	148,971	113,094	35,877	135,723	179.3	163.4	6,236
New Hampshire	68,369	49,469	18,900	60,398	176.0	155.5	3,854
Vermont	55,681	43,266	12,415	52,347	168.0	157.9	2,494
Massachusetts	590,008	416,374	173,634	517,675	179 3	157.3	33,812
Rhode Island	94,411	69,723	24,688	80,739	180 0	153.9	4,921
Connecticut	253,252	183,051	70,201	226,157	180.7	161.4	13,864
Middle Atlantic	**4,009,849**	**2,800,450**	**1,209,399**	**3,495,849**	**182.8**	**159.4**	**221,128**
New York	1,865,660	1,283,601	582,059	1,595,713	182.7	156 2	101,596
New Jersey	623,683	440,873	182,810	546,822	183.1	160.5	34,578
Pennsylvania	1,520,506	1,075,976	444,530	1,353,314	182.9	162 8	84,954
East North Central	**4,382,532**	**3,170,300**	**1,212,232**	**3,869,219**	**178.5**	**157.6**	**235,730**
Ohio	1,146,293	843,289	303,004	1,026,336	170.6	153.1	62,315
Indiana	648,674	475,616	173,058	543,641	177.1	146.0	33,502
Illinois	1,127,899	799,057	328,842	980,818	186.5	162.2	61,746
Michigan	972,378	709,344	263,034	885,780	180.0	164.0	47,329
Wisconsin	487,288	342,994	144,294	432,644	180.9	160.6	30,838
West North Central	**2,325,872**	**1,733,605**	**592,267**	**1,986,495**	**175.1**	**149.5**	**123,531**
Minnesota	457,766	335,838	121,928	397,891	169.0	146.9	25,196
Iowa	459,131	344,879	114,252	395,590	175.8	151.5	24,756
Missouri	625,235	478,909	146,326	516,449	181.4	149.8	30,153
North Dakota	113,284	85,923	27,361	102,395	170 0	153.7	5,658
South Dakota	113,616	84,191	29,425	99,464	174.0	152.3	5,962
Nebraska	225,595	161,938	63,657	198,461	176.0	154.8	13,517
Kansas	331,245	241,927	89,318	276,245	172.6	143.9	18,289
South Atlantic	**3,804,547**	**2,994,474**	**810,073**	**3,280,477**	**177.4**	**153.0**	**122,855**
Delaware	42,428	31,576	10,852	37,168	182.9	160.3	2,038
Maryland	300,554	[1] 224,130	[1] 76,424	258,496	184.5	153.6	8,380
District of Columbia	97,904	74,059	23,845	80,918	173 9	143.7	4,234
Virginia	565,074	427,404	137,670	489,242	180.0	155.8	20,613
West Virginia	416,682	329,910	86,772	376,417	170.4	153.9	12,938
North Carolina	837,318	679,415	157,903	734,327	179.9	157.8	26,512
South Carolina	456,955	366,407	90,548	372,695	174 5	142 4	14,111
Georgia	699,801	557,879	141,922	579,618	176.0	145.8	19,103
Florida	387,831	303,694	84,137	351,596	176.3	159.8	14,926
East South Central	**2,327,650**	**1,933,883**	**393,767**	**1,973,491**	**166.3**	**141.0**	**63,716**
Kentucky	539,240	450,059	89,181	446,576	170 0	140 9	14,830
Tennessee	614,805	495,673	119,132	523,577	168 5	143.5	17,465
Alabama	648,894	538,019	110,875	545,191	169 8	142.6	19,532
Mississippi	524,711	450,132	74,579	458,147	155.9	136.1	[1] 11,889
West South Central	**2,551,711**	**2,020,111**	**531,600**	**2,176,333**	**171.0**	**145.9**	**98,516**
Arkansas	411,320	337,253	74,067	335,888	165.9	135.5	12,464
Louisiana	437,012	371,227	65,785	375,155	170.0	145 9	15,337
Oklahoma	452,747	341,168	111,579	405,667	167.5	150.1	20,300
Texas	1,250,632	970,463	280,169	1,059,623	174.4	147.8	50,415
Mountain	**870,297**	**662,377**	**207,920**	**757,656**	**171.8**	**149.6**	**40,209**
Montana	95,669	70,120	25,549	81,162	174.9	148.4	5,490
Idaho	101,870	75,783	26,087	89,574	172.0	151.2	5,241
Wyoming	53,397	40,095	13,302	43,706	174.6	142.9	2,723
Colorado	201,467	152,782	48,685	181,226	165.5	148.9	9,878
New Mexico	131,987	108,572	23,415	104,020	180 0	141.9	3,459
Arizona	116,772	91,486	25,286	105,132	169.0	152.2	4,043
Utah	141,299	102,104	39,195	129,854	173.3	159.3	8,347
Nevada	27,836	21,435	6,401	22,982	171.0	141.2	1,028
Pacific	**2,176,008**	**1,631,304**	**544,704**	**1,836,097**	**174.6**	**147.3**	**102,813**
Washington	385,435	286,558	98,877	313,395	173.1	140.8	19,199
Oregon	217,115	155,639	61,476	193,636	174.5	155.6	12,268
California	[1]1,573,458	1,189,107	384,351	1,329,066	175.0	147.8	71,346
Alaska	9,144	7,371	1,773	7,066	175.0	135.2	269
Canal Zone	7,880	6,338	1,542	6,974	185.9	164.6	228
Hawaii	82,292	58,455	23,837	77,876	181.0	171.3	4,922
Puerto Rico	366,915	323,955	42,960	326,907	189.0	168.4	5,287
Virgin Islands	4,349	3,818	531	3,783	184.3	160.3	28

[1] Estimated.

Source: Federal Security Agency, Office of Education; circular No. 255, Statistics of State School Systems.

No. 140.—Public Elementary and Secondary Schools—Numbers and Salaries of Teachers, by States and Other Areas: 1940 to 1947

Division, State, or other area	Number of teachers [1]			Percent of teachers, male, 1947	Number of pupils per teacher [2]			Salaries of teachers, supervisors and principals			
								Total, 1947 (1,000 dollars)	Average salary (dollars)		
	1940	1946	1947		1940	1946	1947		1940	1946	1947
Continental U. S.	**875,477**	**831,026**	**833,512**	**18.4**	**25.2**	**23.9**	**24.5**	**1,979,657**	**1,441**	**1,995**	**2,254**
New England	**49,930**	**48,041**	**46,522**	**20.5**				**124,001**	**1,748**	**2,217**	**2,537**
Maine	6,156	5,966	6,022	17.9	24.1	22.1	22.5	9,554	894	1,409	1,586
New Hampshire	2,945	3,029	2,709	18.2	22.9	19.3	22.3	5,606	1,258	1,530	1,981
Vermont	2,653	2,322	2,453	15.2	21.3	22.0	21.3	4,255	981	1,692	1,672
Massachusetts	24,769	23,296	22,153	24.0	25.4	21.9	23.4	67,334	2,037	2,512	2,852
Rhode Island	3,788	3,762	3,838	20.3	26.4	21.2	21.0	9,266	1,809	2,098	2,414
Connecticut	9,619	9,666	9,347	16.1	26.6	22.9	24.2	27,987	1,861	2,393	2,790
Middle Atlantic	**168,500**	**152,472**	**150,345**	**21.7**				**454,313**	**2,167**	**2,580**	**2,856**
New York	80,553	73,079	69,908	20.8	23.8	21.2	22.8	243,284	2,604	2,946	3,302
New Jersey	26,984	25,325	25,607	20.1	23.5	21.0	21.4	76,098	2,093	2,561	2,837
Pennsylvania	60,963	54,068	54,830	23.5	27.4	24.7	24.7	134,931	1,640	2,124	2,304
East North Central	**164,354**	**156,062**	**157,722**	**22.3**				**413,014**	**1,570**	**2,209**	**2,501**
Ohio	43,671	39,917	40,407	25.1	25.7	25.3	25.4	98,405	1,587	2,165	2,350
Indiana	21,459	21,408	21,717	26.6	27.5	25.0	25.0	57,218	1,433	2,143	2,433
Illinois	45,955	42,465	42,996	20.8	23.8	22.5	22.8	121,176	1,700	2,280	2,681
Michigan	32,716	32,508	32,783	19.7	26.3	26.2	27.0	90,381	1,576	2,337	2,635
Wisconsin	20,553	19,764	19,819	19.3	23.7	21.9	21.8	45,833	1,379	2,002	2,259
West North Central	**115,716**	**102,251**	**102,311**	**15.5**				**197,900**	**1,042**	**1,696**	**1,867**
Minnesota	21,080	18,917	19,760	19.8	21.5	20.9	20.1	41,507	1,276	1,878	2,050
Iowa	22,450	20,217	20,037	10.7	19.5	19.2	19.7	40,694	1,017	1,676	1,922
Missouri	26,423	23,019	23,196	17.6	22.7	23.1	22.3	43,410	1,159	1,793	1,871
North Dakota	7,262	6,528	6,481	19.1	17.2	15.5	15.8	9,629	745	1,469	1,486
South Dakota	7,837	6,795	6,546	10.6	15.3	14.4	15.2	11,563	807	1,530	1,711
Nebraska	13,760	12,126	11,903	11.9	17.6	16.4	16.7	20,651	829	1,514	1,696
Kansas	16,904	14,649	14,388	16.8	19.6	19.0	19.2	30,447	1,014	1,666	1,904
South Atlantic	**120,914**	**121,470**	**121,625**	**13.2**				**235,090**	**1,014**	**1,553**	**1,815**
Delaware	1,626	1,619	1,637	24.0	24.1	22.2	22.7	4,188	1,684	2,202	2,416
Maryland	8,638	8,795	9,274	17.0	29.8	28.3	27.9	23,929	1,642	2,262	2,443
District of Columbia	3,057	3,218	3,244	16.2	27.1	24.4	25.0	11,025	2,350	2,637	3,201
Virginia	17,734	16,581	16,978	10.8	27.9	28.5	28.8	35,482	899	1,574	1,845
West Virginia	14,252	15,104	13,318	18.9	28.9	24.4	28.3	25,950	1,170	1,676	1,711
North Carolina	24,530	24,496	24,999	11.5	32.2	29.3	29.4	47,786	946	1,602	1,810
South Carolina	15,042	15,271	15,494	11.2	25.6	23.5	24.1	20,606	743	1,152	1,208
Georgia	22,846	22,668	22,346	12.5	25.6	24.9	25.9	36,936	770	1,081	1,618
Florida	13,189	13,718	14,335	12.4	24.8	24.4	24.5	29,188	1,012	1,719	1,939
East South Central	**73,127**	**71,085**	**72,404**	**15.6**				**101,397**	**758**	**1,198**	**1,368**
Kentucky	18,802	17,060	17,510	18.5	26.2	24.7	25.5	26,988	826	1,295	1,481
Tennessee	20,147	19,690	19,990	16.7	26.6	25.5	26.2	29,752	862	1,287	1,480
Alabama	19,405	19,604	19,885	12.4	29.2	27.2	27.4	29,591	744	1,276	1,443
Mississippi	14,773	14,731	15,019	14.8	32.1	30.1	30.5	15,066	559	856	984
West South Central	**93,091**	**85,010**	**86,600**	**14.8**				**168,107**	**987**	**1,573**	**1,831**
Arkansas	12,852	12,291	12,360	18.1	29.1	26.2	27.2	16,005	584	1,068	1,255
Louisiana	14,830	13,746	14,020	11.6	26.8	26.9	26.8	29,300	1,006	1,537	1,959
Oklahoma	20,204	15,749	16,164	16.4	24.0	24.8	25.1	33,641	1,014	1,796	1,920
Texas	45,205	43,224	44,056	14.4	24.7	23.8	24.1	89,162	1,079	1,640	1,915
Mountain	**33,662**	**32,409**	**32,808**	**21.9**				**75,364**	**1,290**	**1,884**	**2,144**
Montana	5,195	4,730	4,730	19.2	18.9	17.2	17.2	9,795	1,184	1,838	1,838
Idaho	4,513	3,901	3,502	22.3	23.5	24.6	25.6	7,681	1,057	1,672	2,117
Wyoming	2,551	2,340	2,520	15.6	18.5	17.9	17.3	4,662	1,169	1,654	1,810
Colorado	8,918	8,327	8,339	17.9	22.3	21.0	21.7	18,766	1,393	1,822	2,170
New Mexico	3,798	3,810	[3] 4,000	[3] 25.0	28.0	25.9	26.0	10,437	1,144	1,970	2,307
Arizona	3,384	3,936	4,303	25.1	26.1	24.4	24.2	10,470	1,544	2,167	2,368
Utah	4,417	4,385	4,405	29.8	28.0	28.9	29.5	11,128	1,394	2,016	2,269
Nevada	886	980	1,009	21.2	20.1	20.5	22.8	2,425	1,557	1,992	2,175
Pacific	**56,183**	**62,226**	**63,175**	**20.3**				**210,471**	**2,101**	**2,790**	**3,065**
Washington	10,583	12,232	12,724	22.6	25.9	24.4	24.6	35,602	1,706	2,547	2,628
Oregon	7,296	7,549	7,938	16.4	22.8	24.3	24.4	21,346	1,333	2,164	2,461
California	[4] 38,304	42,445	42,513	20.3	27.6	27.9	31.3	153,523	2,351	2,987	3,304
Alaska [5]	302	332	357	19.3	(6)	18.9	19.8	1,183	(6)	[7] 2,655	3,232
American Samoa	65	95	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Canal Zone	200	329	268	32.5	(6)	20.1	26.0	708	1,634	[7] 1,558	2,476
Guam	139	165	(6)	(6)	(6)	(6)	(6)	(6)	309	(6)	(6)
Hawaii	3,091	3,118	3,032	16.8	(6)	24.3	25.7	10,052	1,830	[7] 2,795	3,174
Puerto Rico	6,066	8,424	8,742	19.7	(6)	36.9	37.4	12,243	834	[7] 1,162	1,334
Virgin Islands	117	(6)	153	15.0	(6)	(6)	24.7	206	680	(6)	1,187

[1] Excludes supervisors and principals except when not reported separately.
[2] Number in average daily attendance in full time day schools. [3] Estimated. [4] For 1938.
[5] Data do not include Federal schools for natives. [6] Not available. [7] 1945 data.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, Chapter on Statistics of State School Systems, and circular No. 255, Statistics of State School Systems.

No. 139.—Public Elementary and Secondary Schools—Enrollment and Attendance, by States and Other Areas: 1947

[Includes data for kindergartens. Excludes data for residential schools for exceptional children, observation and practice schools, and preparatory departments of colleges and universities]

Division, state, or other area	Pupils enrolled			Average daily attendance	Average number of days school in session	Average number of days attended per pupil enrolled	High school graduates
	Total	Elementary	Secondary				
Continental U. S.	23,659,158	17,821,481	5,837,677	20,448,656	176.2	152.3	1,073,679
New England	1,210,692	874,977	335,715	1,073,039	178.9	158.6	65,181
Maine	148,971	113,094	35,877	135,723	179.3	163.4	6,236
New Hampshire	68,369	49,469	18,900	60,398	176.0	155.5	3,854
Vermont	55,681	43,266	12,415	52,347	168.0	157.9	2,494
Massachusetts	590,008	416,374	173,634	517,675	179 3	157.3	33,812
Rhode Island	94,411	69,723	24,688	80,739	180.0	153.9	4,921
Connecticut	253,252	183,051	70,201	226,157	180.7	161.4	13,864
Middle Atlantic	4,009,849	2,800,450	1,209,399	3,495,849	182.8	159.4	221,128
New York	1,865,660	1,283,601	582,059	1,595,713	182.7	156.2	101,596
New Jersey	623,683	440,873	182,810	546,822	183.1	160.5	34,578
Pennsylvania	1,520,506	1,075,976	444,530	1,353,314	182 9	162 8	84,954
East North Central	4,382,532	3,170,300	1,212,232	3,869,219	178.5	157.6	235,730
Ohio	1,146,293	843,289	303,004	1,026,336	170.6	153.1	62,315
Indiana	648,674	475,616	173,058	543,641	177.1	146.0	33,502
Illinois	1,127,899	799,057	328,842	980,818	186.5	162.2	61,746
Michigan	972,378	709,344	263,034	885,780	180.0	164.0	47,329
Wisconsin	487,288	342,994	144,294	432,644	180.9	160 6	30,838
West North Central	2,325,872	1,733,605	592,267	1,986,495	175.1	149.5	123,531
Minnesota	457,766	335,838	121,928	397,891	169.0	146.9	25,196
Iowa	459,131	344,879	114,252	395,590	175.8	151 5	24,756
Missouri	625,235	478,909	146,326	516,449	181.4	149.8	30,153
North Dakota	113,284	85,923	27,361	102,395	170.0	153.7	5,658
South Dakota	113,616	84,191	29,425	99,464	174.0	152 3	5,902
Nebraska	225,595	161,938	63,657	198,461	176 0	154 8	13,517
Kansas	331,245	241,927	89,318	276,245	172.6	143.9	18,289
South Atlantic	3,804,547	2,994,474	810,073	3,280,477	177.4	153.0	122,855
Delaware	42,428	31,576	10,852	37,168	182.9	160.3	2,038
Maryland	300,554	[1] 224,130	[1] 76,424	258,496	184 5	153.6	8,380
District of Columbia	97,904	74,059	23,845	80,918	173.9	143.7	4,234
Virginia	565,074	427,404	137,670	489,242	180 0	155.8	20,613
West Virginia	416,682	329,910	86,772	376,417	170.4	153.9	12,938
North Carolina	837,318	679,415	157,903	734,327	179 9	157.8	26,512
South Carolina	456,955	366,407	90,548	372,695	174 5	142.4	14,111
Georgia	699,801	557,879	141,922	579,618	176.0	145.8	19,103
Florida	387,831	303,694	84,137	351,596	176.3	159.8	14,926
East South Central	2,327,650	1,933,883	393,767	1,973,491	166.3	141.0	63,716
Kentucky	539,240	450,059	89,181	446,576	170 0	140.9	14,830
Tennessee	614,805	495,673	119,132	523,577	168 5	143 5	17,465
Alabama	648,894	538,019	110,875	545,191	169 8	142.6	19,532
Mississippi	524,711	450,132	74,579	458,147	155.9	136.1	[1] 11,889
West South Central	2,551,711	2,020,111	531,600	2,176,333	171.0	145.9	98,516
Arkansas	411,320	337,253	74,067	335,888	165.9	135.5	12,464
Louisiana	437,012	371,227	65,785	375,155	170.0	145 9	15,337
Oklahoma	452,747	341,168	111,579	405,667	167 5	150 1	20,300
Texas	1,250,632	970,463	280,169	1,059,623	174.4	147.8	50,415
Mountain	870,297	662,377	207,920	757,656	171.8	149.6	40,209
Montana	95,669	70,120	25,549	81,162	174.9	148.4	5,490
Idaho	101,870	75,783	26,087	89,574	172 0	151.2	5,241
Wyoming	53,397	40,095	13,302	43,706	174.6	142.9	2,723
Colorado	201,467	152,782	48,685	181,226	165 5	148.9	9,878
New Mexico	131,987	108,572	23,415	104,020	180.0	141.9	3,459
Arizona	116,772	91,486	25,286	105,132	169.0	152.2	4,043
Utah	141,299	102,104	39,195	129,854	173.3	159.3	8,347
Nevada	27,836	21,435	6,401	22,982	171.0	141.2	1,028
Pacific	2,176,008	1,631,304	544,704	1,836,097	174.6	147.3	102,813
Washington	385,435	286,558	98,877	313,395	173.1	140.8	19,199
Oregon	217,115	155,639	61,476	193,636	174.5	155.6	12,268
California	[1] 1,573,458	1,189,107	384,351	1,329,066	175.0	147.8	71,346
Alaska	9,144	7,371	1,773	7,066	175.0	135.2	269
Canal Zone	7,880	6,338	1,542	6,974	185.9	164.6	228
Hawaii	82,292	58,455	23,837	77,876	181.0	171.3	4,922
Puerto Rico	366,915	323,955	42,960	326,907	189.0	168.4	5,287
Virgin Islands	4,349	3,818	531	3,783	184.3	160.3	28

[1] Estimated.

Source: Federal Security Agency, Office of Education; circular No. 255, Statistics of State School Systems.

No. 140.—Public Elementary and Secondary Schools—Numbers and Salaries of Teachers, by States and Other Areas: 1940 to 1947

Division, State, or other area	Number of teachers [1]			Percent of teachers, male, 1947	Number of pupils per teacher [2]			Salaries of teachers, supervisors and principals			
	1940	1946	1947		1940	1946	1947	Total, 1947 (1,000 dollars)	Average salary (dollars) 1940	1946	1947
Continental U. S.	**875,477**	**831,026**	**833,512**	**18.4**	**25.2**	**23.9**	**24.5**	**1,979,657**	**1,441**	**1,995**	**2,254**
New England	**49,930**	**48,041**	**46,522**	**20.5**				**124,001**	**1,748**	**2,217**	**2,537**
Maine	6,156	5,966	6,022	17.9	24.1	22.1	22.5	9,554	894	1,409	1,586
New Hampshire	2,945	3,029	2,709	18.2	22.9	19.3	22 3	5,606	1,258	1,530	1,981
Vermont	2.653	2,322	2,453	15.2	21.3	22.0	21 3	4,255	981	1,692	1,672
Massachusetts	24,769	23,296	22,153	24.0	25.4	21.9	23 4	67,334	2,037	2,512	2,852
Rhode Island	3,788	3,762	3,838	20.3	26.4	21.2	21.0	9,266	1,809	2,098	2,414
Connecticut	9,619	9,666	9,347	16.1	26.6	22.9	24.2	27,987	1,861	2,393	2,790
Middle Atlantic	**168,500**	**152,472**	**150,345**	**21.7**				**454,313**	**2,167**	**2,580**	**2,856**
New York	80,553	73,079	69,908	20.8	23.8	21.2	22.8	243,284	2,604	2,946	3,302
New Jersey	26,984	25,325	25,607	20.1	23.5	21.0	21.4	76,098	2,093	2,561	2,837
Pennsylvania	60,963	54,068	54,830	23.5	27.4	24.7	24.7	134,931	1,640	2,124	2,304
East North Central	**164,354**	**156,062**	**157,722**	**22.3**				**413,014**	**1,570**	**2,209**	**2,501**
Ohio	43,671	39,917	40,407	25 1	25.7	25.3	25.4	98,405	1,587	2,165	2,350
Indiana	21,459	21,408	21,717	26 6	27.5	25.0	25 0	57,218	1,433	2,143	2,433
Illinois	45,955	42,465	42,996	20.8	23.8	22.5	22.8	121,176	1,700	2,280	2,681
Michigan	32,716	32,508	32,783	19.7	26.3	26.2	27.0	90,381	1,576	2,337	2,635
Wisconsin	20,553	19,764	19,819	19 3	23.7	21.9	21.8	45,833	1,379	2,002	2,259
West North Central	**115,716**	**102,251**	**102,311**	**15.5**				**197,900**	**1,042**	**1,696**	**1,867**
Minnesota	21,080	18,917	19,760	19 8	21.5	20.9	20.1	41,507	1,276	1,878	2,050
Iowa	22,450	20,217	20,037	10.7	19.5	19.2	19.7	40,694	1,017	1,676	1,922
Missouri	26,423	23,019	23,196	17.6	22.7	23.1	22 3	43,410	1,159	1,793	1,871
North Dakota	7,262	6,528	6,481	19.1	17.2	15.5	15.8	9,629	745	1,469	1,486
South Dakota	7,837	6,795	6,546	10 6	15.3	14.4	15.2	11,563	807	1,530	1,711
Nebraska	13,760	12,126	11,903	11.9	17.6	16.4	16.7	20,651	829	1,514	1,696
Kansas	16,904	14,649	14,388	16.8	19.6	19.0	19.2	30,447	1,014	1,666	1,904
South Atlantic	**120,914**	**121,470**	**121,625**	**13.2**				**235,090**	**1,014**	**1,553**	**1,815**
Delaware	1,626	1,619	1,637	24.0	24.1	22.2	22.7	4,188	1,684	2,202	2,416
Maryland	8,638	8,795	9,274	17.0	29.8	28.3	27.9	23,929	1,642	2,262	2,443
District of Columbia	3,057	3,218	3,244	16 2	27.1	24.4	25 0	11,025	2,350	2,637	3,201
Virginia	17,734	16,581	16,978	10 8	27.9	28.5	28.8	35,482	899	1,574	1,845
West Virginia	14,252	15,104	13,318	18 9	28.9	24.4	28.3	25,950	1,170	1,676	1,711
North Carolina	24,530	24,496	24,999	11.5	32.2	29.3	29.4	47,786	946	1,602	1,810
South Carolina	15,042	15,271	15,494	11.2	25.6	23.5	24.1	20,606	743	1,152	1,298
Georgia	22,846	22,668	22,346	12.5	25.6	24.9	25.9	36,936	770	1,081	1,618
Florida	13,189	13,718	14,335	12 4	24.8	24.4	24.5	29,188	1,012	1,719	1,939
East South Central	**73,127**	**71,085**	**72,404**	**15.6**				**101,397**	**758**	**1,198**	**1,368**
Kentucky	18,802	17,060	17,510	18.5	26.2	24.7	25.5	26,988	826	1,295	1,481
Tennessee	20,147	19,690	19,990	16.7	26.6	25.5	26.2	29,752	862	1,287	1,480
Alabama	19,405	19,604	19,885	12 4	29.2	27.2	27.4	29,591	744	1,276	1,443
Mississippi	14,773	14,731	15,019	14 8	32.1	30.1	30.5	15,066	559	856	984
West South Central	**93,091**	**85,010**	**86,600**	**14.8**				**168,107**	**987**	**1,573**	**1,831**
Arkansas	12,852	12,291	12,360	18.1	29.1	26.2	27 2	16,005	584	1,068	1,255
Louisiana	14,830	13,746	14,020	11 6	26.8	26.9	26.8	29,300	1,006	1,537	1,959
Oklahoma	20,204	15,749	16,164	16.4	24.0	24.8	25.1	33,641	1,014	1,796	1,920
Texas	45,205	43,224	44,056	14.4	24.7	23.8	24.1	89,162	1,079	1,640	1,915
Mountain	**33,662**	**32,409**	**32,808**	**21.9**				**75,364**	**1,290**	**1,884**	**2,144**
Montana	5,195	4,730	4,730	19.2	18.9	17.2	17.2	9,795	1,184	1,838	1,838
Idaho	4,513	3,901	3,502	22.3	23.5	24.6	25.6	7,681	1,057	1,672	2,117
Wyoming	2,551	2,340	2,520	15.6	18.5	17.9	17.3	4,662	1,169	1,654	1,810
Colorado	8,918	8,327	8,339	17.9	22.3	21.0	21.7	18,766	1,393	1,822	2,170
New Mexico	3,798	3,810	[3] 4,000	[3] 25.0	28.0	25.9	26.0	10,437	1,144	1,970	2,307
Arizona	3,384	3,936	4,303	25.1	26.1	24.4	24.2	10,470	1,544	2,167	2,368
Utah	4,417	4,385	4,405	29.8	28.0	28.9	29.5	11,128	1,394	2,016	2,269
Nevada	886	980	1,009	21.2	20.1	20.5	22.8	2,425	1,557	1,992	2,175
Pacific	**56,183**	**62,226**	**63,175**	**20.3**				**210,471**	**2,101**	**2,790**	**3,065**
Washington	10,583	12,232	12,724	22.6	25.9	24.4	24.6	35,602	1,706	2,547	2,628
Oregon	7,296	7,549	7,938	16.4	22.8	24.3	24.4	21,346	1,333	2,164	2,461
California	[4] 38,304	42,445	42,513	20.3	27.6	27.9	31.3	153,523	2,351	2,987	3,304
Alaska [5]	302	332	357	19.3	(6)	18.9	19.8	1,183	(6)	[7] 2,655	3,232
American Samoa	65	95	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Canal Zone	200	329	268	32.5	(6)	20.1	26.0	708	1,634	[7] 1,558	2,476
Guam	139	165	(6)	(6)	(6)	(6)	(6)	(6)	309	(6)	(6)
Hawaii	3,091	3,118	3,032	16.8	(6)	24.3	25.7	10,052	1,830	[7] 2,795	3,174
Puerto Rico	6,066	8,424	8,742	19.7	(6)	36.9	37.4	12,243	834	[7] 1,162	1,334
Virgin Islands	117	(6)	153	15.0	(6)	(6)	24.7	206	680	(6)	1,187

[1] Excludes supervisors and principals except when not reported separately.
[2] Number in average daily attendance in full time day schools. [3] Estimated. [4] For 1938.
[5] Data do not include Federal schools for natives. [6] Not available. [7] 1945 data.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, Chapter on Statistics of State School Systems, and circular No. 255, Statistics of State School Systems.

No. 141.—Public Elementary and Secondary Schools—Value of Property 1946, and Expenditures, 1947, by States and Other Areas

[In thousands of dollars, except averages per pupil]

Division, state, or other area	Value of school property, 1946		Expenditures, 1947					
	Total	Per pupil [1]	Total	Current expense for full-time day schools [2]		Capital outlay	Interest payments	Adult and summer schools
				Total	Per pupil [1]			
Continental U. S.	8,190,858	$413	3,419,994	3,124,550	$152.80	204,739	72,195	18,509
New England	568,587	540	198,151	191,541	178.50	3,673	2,108	829
Maine	42,552	323	17,220	16,685	122 94	388	120	27
New Hampshire	27,195	466	10,414	10,098	167.19	261	55	-------
Vermont	15,630	306	7,365	7,098	135.60	231	36	-------
Massachusetts	318,706	624	101,899	99,864	192.91	1,314	276	446
Rhode Island	52,018	652	15,561	14,524	179.89	124	852	61
Connecticut	112,486	507	45,694	43,272	191.34	1,356	770	296
Middle Atlantic	2,308,642	675	776,757	716,251	204.89	23,238	30,428	6,841
New York	1,240,548	799	408,791	373,067	233.79	12,094	18,289	5,340
New Jersey	365,095	687	136,366	126,721	231.74	3,230	4,913	1,501
Pennsylvania	702,998	525	231,601	216,463	159.95	7,913	7,225	-------
East North Central	1,721,786	455	722,360	671,033	173.43	36,958	10,918	3,451
Ohio	491,726	487	170,743	157,112	153 08	8,901	3,954	776
Indiana	211,289	395	92,084	88,766	163 28	2,513	804	-------
Illinois	310,258	325	224,720	207,591	211 65	13,564	3,565	-------
Michigan	487,474	573	154,280	143,074	161 52	9,455	1,751	-------
Wisconsin	221,039	511	80,534	74,490	172.17	2,525	844	2,675
West North Central	844,262	424	348,118	325,485	163.85	18,719	3,915	-------
Minnesota	206,067	521	78,152	73,206	183 99	4,415	532	-------
Iowa	152,011	392	75,952	70,619	178.52	4,668	665	-------
Missouri	212,267	399	76,631	70,718	136.93	4,793	1,120	-------
North Dakota	38,599	381	16,427	15,645	152.79	443	339	-------
South Dakota	47,274	483	18,792	18,150	182.48	446	196	-------
Nebraska	86,374	434	33,932	32,730	164.92	727	475	-------
Kansas	101,670	365	48,232	44,416	160.79	3,227	588	-------
South Atlantic	774,913	244	381,729	345,533	105.33	27,012	6,228	2,955
Delaware	21,249	590	6,555	6,193	166.63	294	68	-------
Maryland	94,936	381	40,598	35,152	135.99	3,547	1,123	775
District of Columbia	58,000	740	17,506	16,169	199 81	1,104	-------	233
Virginia	110,493	234	60,106	53,150	108 64	5,431	357	1,168
West Virginia	101,205	262	41,668	39,434	104.76	1,874	[3] 360	-------
North Carolina	139,797	194	77,630	70,293	95.72	5,665	1,672	-------
South Carolina	60,421	168	33,039	30,627	82.18	1,896	431	85
Georgia	97,623	173	55,198	52.980	91.40	1,737	408	73
Florida	91,189	272	49,431	41,537	118.14	5,464	1,809	621
East South Central	280,774	148	170,922	155,163	78.62	13,857	1,573	329
Kentucky	91,256	217	45,577	41,991	94.03	3,305	282	-------
Tennessee	70,500	140	46,736	44,228	84.47	2,242	266	-------
Alabama	66,711	125	47,100	42,134	72.28	4,310	326	329
Mississippi	52,308	118	31,510	26,810	58.52	4,000	[3] 700	-------
West South Central	585,558	277	299,318	258,492	118.77	29,350	7,593	3,883
Arkansas	52,479	163	30,866	26,862	79.97	3,365	640	-------
Louisiana	103,955	282	52,862	48,717	129.86	2,903	1,209	33
Oklahoma	97,731	250	47,499	45,016	110.97	1,738	745	-------
Texas	331,394	322	168,091	137,898	130.14	21,343	[3] 5,000	3,850
Mountain	263,367	358	133,490	121,393	160.22	9,455	2,422	220
Montana	39,094	482	18,402	17,571	216.50	589	242	-------
Idaho	30,940	323	13,944	12,726	142.07	1,035	184	-------
Wyoming	16,027	383	8,782	8,118	185.74	516	148	-------
Colorado	70,870	405	30,853	28,097	155.04	2,207	549	-------
New Mexico	27,424	277	16,685	15,960	153.43	527	198	-------
Arizona	23,656	247	20,139	16,613	158.02	3,240	286	-------
Utah	46,554	367	20,889	18,790	144.70	1,133	747	220
Nevada	8,803	438	3,795	3,519	153.12	208	68	1
Pacific	842,968	506	389,146	339,659	184.99	42,477	7,010	-------
Washington	127,143	426	65,870	59,527	189 94	5,720	623	-------
Oregon	65,825	359	37,080	34,322	177.25	2,466	293	-------
California	650,000	549	286,197	245,811	184.95	34,291	6,094	-------
Alaska	2,982	475	1,764	1,724	243.97	40	-------	-------
Canal Zone	2,467	374	981	981	140.62	-------	-------	-------
Hawaii	-------	-------	13,383	12,587	161.62	797	-------	-------
Puerto Rico	18,939	61	25,933	21,871	66.90	3,531	-------	532
Virgin Islands	-------	-------	378	363	96.08	10	-------	4

[1] Average per pupil in average daily attendance.
[2] Except where expenditures for summer, part-time, and evening schools are not segregated. [3] Estimated.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of State School Systems, and circular No. 255, Statistics of State School Systems.

No. 142.—Public Elementary and Secondary Schools—Enrollment, White and Negro, for 18 States: 1942, 1944, and 1946

State	Enrollment in—						Average days attendance per pupil enrolled, 1946	
	White schools			Negro schools			White	Negro
	1942	1944	1946	1942	1944	1946		
Total, 18 States	**7,350,663**	**6,893,598**	**6,885,762**	**2,386,471**	**2,276,742**	**2,266,220**	**149.2**	**139.1**
Alabama	432,096	413,567	412,771	234,642	228,468	225,604	143.2	138.7
Arkansas	332,801	300,898	297,370	108,305	99,999	95,700	137.8	121.7
Delaware	35,542	34,356	34,400	6,963	6,876	7,283	160.1	153.7
District of Columbia	58,829	54,132	54,030	37,691	38,055	40,747	143.5	151.1
Florida	266,073	257,004	271,360	102,963	98,648	101,817	158.6	156.4
Georgia	452,448	426,126	435,271	260,646	256,023	259,111	151.6	136.1
Kentucky	534,149	488,278	490,256	40,958	37,166	36,205	130.3	142.4
Louisiana	288,324	269,347	270,567	173,511	163,248	165,706	143.5	134.3
Maryland	227,131	222,800	225,231	59,843	59,247	63,160	161.4	156.4
Mississippi	303,039	275,097	258,224	290,389	272,495	258,800	163.9	121.3
Missouri	643,628	584,004	574,348	51,151	47,814	50,887	154.7	152.3
North Carolina	604,428	568,919	562,192	287,337	256,634	251,307	162.4	151.5
Oklahoma	469,649	427,418	424,570	40,615	36,474	36,695	148.5	148.0
South Carolina	262,580	249,042	247,224	212,630	204,942	201,020	147.6	125.9
Tennessee	528,954	503,686	492,951	106,782	102,734	102,068	138.1	142.7
Texas	1,087,264	1,043,438	1,048,899	216,059	199,547	197,554	145.6	134.4
Virginia	408,658	391,937	400,282	147,719	142,841	147,699	156.7	152.0
West Virginia	415,070	383,549	385,816	28,267	25,531	24,857	156.7	161.6

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of State School Systems.

No. 143.—Private Elementary and Secondary Schools—Instructional Staff and Enrollment, by States and Other Areas: 1946

[Includes data for kindergartens. Excludes data for residential schools for exceptional children, observation and practice schools, and preparatory departments of colleges and universities]

State or other area	Instructional staff	Number of pupils			State or other area	Instructional staff	Number of pupils		
		Total	Elementary	Secondary			Total	Elementary	Secondary
Cont. U. S.	**100,865**	**2,824,500**	**2,259,392**	**565,108**	Nev.	12	431	336	95
					N. H.	1,005	23,478	18,573	4,905
Ala.	687	14,393	11,152	3,241	N. J.	4,649	134,019	108,685	25,334
Ariz.	287	5,701	5,061	640	N. Mex.	579	10,369	8,409	1,960
Ark.	303	6,924	5,393	1,531	N. Y.	14,287	437,235	358,461	78,774
Calif.	3,734	106,943	81,976	24,967	N. C.	419	5,520	3,488	2,032
Colo.	803	19,732	15,164	4,568	N. Dak.	504	10,060	8,482	1,578
Conn.	2,302	58,997	47,524	11,473	Ohio	5,465	168,352	134,708	33,644
					Okla.	524	9,533	7,649	1,884
Del.	324	7,621	6,102	1,519					
D. C.	731	17,716	11,702	6,014	Oreg.	597	13,597	10,312	3,285
Fla.	504	10,444	7,120	3,324	Pa.	10,242	311,381	248,076	63,305
Ga.	448	9,743	5,756	3,987	R. I.	1,250	33,585	26,775	6,810
Idaho	189	3,344	2,778	566	S. C.	223	4,903	3,191	1,712
Ill.	9,037	266,277	213,105	53,172	S. Dak.	557	8,092	6,578	1,514
Ind.	1,931	58,926	49,682	9,244	Tenn.	721	14,347	8,652	5,695
					Tex.	2,372	63,696	53,397	10,299
Iowa	2,243	49,550	38,239	11,311					
Kans.	1,110	26,440	21,945	4,495	Utah	89	1,786	1,248	538
Ky.	1,754	46,390	35,187	11,203	Vt.	507	11,588	8,369	3,219
La.	2,265	75,184	63,115	12,069	Va.	864	15,669	9,246	6,423
Maine	1,057	29,267	21,467	7,800	Wash.	982	22,783	17,487	5,296
Md.	1,962	55,373	44,849	10,524	W. Va.	366	8,820	6,233	2,587
Mass.	6,788	167,026	131,424	35,602	Wis.	4,177	125,358	109,260	16,098
					Wyo.	64	1,434	1,251	183
Mich.	4,504	152,878	117,885	34,993					
Minn.	2,787	72,586	60,891	11,695	Alaska	32	530	530	----
Miss.	385	9,375	7,148	2,227	Am. Samoa	32	929	929	----
Mo.	2,864	84,241	69,216	15,025	P. R.	709	16,872	11,131	5,741
Mont.	422	8,026	6,379	1,647	T. H.	654	17,225	11,482	5,743
Nebr.	989	25,367	20,266	5,101	V. I.	(1)	1,702	1,485	217

[1] Not available.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, Chapter on Statistics of State School Systems.

No. 144.—Public Elementary and Secondary Schools—Enrollment, by Grade: 1938 to 1948

School and grade	1938	1940	1942	1944	1946	1948
Pupils enrolled, total	**25,975,108**	**25,433,542**	**24,562,473**	**23,266,616**	**23,299,941**	**23,944,532**
Elementary schools, total	**19,748,174**	**18,832,098**	**18,174,668**	**17,713,096**	**17,677,744**	**18,291,227**
Kindergarten	607,034	594,647	625,783	697,468	772,957	988,680
First	3,317,144	3,018,463	2,930,762	2,878,843	2,894,588	2,951,300
Second	2,486,550	2,333,076	2,215,100	2,220,739	2,318,502	2,363,477
Third	2,444,381	2,331,559	2,175,245	2,162,878	2,190,617	2,258,858
Fourth	2,402,617	2,321,867	2,196,732	2,079,788	2,094,352	2,183,171
Fifth	2,342,428	2,247,692	2,166,018	2,016,635	2,006,120	2,055,115
Sixth	2,252,722	2,176,133	2,124,494	1,997,806	1,910,028	1,939,500
Seventh	2,173,173	2,107,667	2,060,752	1,964,997	1,836,897	1,897,740
Eighth	1,722,125	1,700,994	1,679,782	1,693,942	1,653,683	1,653,386
High schools, total	**6,226,934**	**6,601,444**	**6,387,805**	**5,553,520**	**5,622,197**	**5,653,305**
First year	1,979,379	2,011,341	1,927,040	1,774,593	1,728,499	1,672,920
Second year	1,669,281	1,767,312	1,705,746	1,519,638	1,555,302	1,502,743
Third year	1,379,398	1,485,603	1,450,788	1,230,168	1,255,907	1,271,645
Fourth year	1,150,506	1,281,735	1,273,141	1,009,611	1,032,420	1,130,805
Postgraduate	48,370	55,453	31,090	19,510	50,069	75,192

No. 145.—Public Elementary and Secondary Schools—Current Expense Per Pupil, by Purpose: 1930 to 1947

Purpose	Current expense (excluding interest)							
	1930		1940		1946		1947	
	Per pupil [1]	Percent	Per pupil [1]	Percent	Per pupil [1]	Percent	Per pupil [1]	Percent
Total	**$86.70**	**100.0**	**$88.09**	**100.0**	**$136.41**	**100.0**	**$152.80**	**100.0**
General control	3.70	4.3	4.15	4.7	6.70	4.9	7.14	4.7
Instruction	61.97	71.5	63.66	72.3	93.40	68.5	103.85	68.0
Salaries	58.80	67.9	59.63	67.7	87.19	63.9	96.81	63.4
Textbooks and supplies	3.17	3.6	4.03	4.6	6.21	4.6	7.04	4.6
Operation	10.16	11.7	8.82	10.0	13.62	10.0	14.85	9.7
Maintenance	3.71	4.3	3.33	3.8	5.10	3.7	6.37	4.2
Auxiliary services	4.80	5.5	5.86	6.6	10.76	7.9	13.58	8.9
Fixed charges	2.36	2.7	2.27	2.6	6.83	5.0	7.01	4.6
Capital outlay	17.44	----	11.70	----	5.59	----	10.01	----
Interest	4.35	----	5.94	----	3.88	----	3.53	----

[1] Average per pupil in average daily attendance.

Source of tables 144 and 145: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of State School Systems, and circular No. 255, Statistics of State School Systems.

No. 146.—High-School and College Graduates—Number, by Sex: 1870 to 1946

[Data cover graduates of both public and private institutions]

Year of graduation	High school			College		
	Total	Men	Women	Total	Men	Women
1870	16,000	7,064	8,936	9,371	7,591	1,780
1880	23,634	10,605	13,029	10,353	7,868	2,485
1890	43,731	18,549	25,182	14,306	10,157	4,149
1900	94,883	38,075	56,808	25,324	17,220	8,104
1910	156,429	63,676	92,753	34,178	22,557	11,621
1920	311,266	123,684	187,582	48,622	31,980	16,642
1930	666,904	300,376	366,528	122,484	73,615	48,869
1940	1,221,475	578,718	642,757	186,500	109,546	76,954
1944	1,019,233	423,971	595,262	125,875	55,876	69,999
1946	1,080,033	466,926	613,107	136,174	58,664	77,510

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistical Summary of Education.

No. 147.—School and College Enrollments and Expenditures: 1920 to 1946

ITEM	1920	1930	1940	1944	1946
ENROLLMENT					
Elementary and kindergarten, total [1]	**20,864,488**	**23,588,479**	**21,044,924**	**19,829,900**	**19,998,055**
Kindergarten:					
Public	481,266	723,443	594,647	697,468	772,957
Private	29,683	54,456	57,341	[3] 57,341	[3] 57,341
Elementary:					
Public	18,897,661	20,555,150	18,286,906	17,053,473	16,954,395
Private	1,455,878	2,255,430	2,106,030	[3] 2,021,618	2,213,362
Secondary students, total [1]	**2,495,676**	**4,799,867**	**7,113,282**	**6,020,890**	**6,227,349**
Public high schools	2,200,389	4,399,422	6,601,444	5,553,520	5,622,197
Private high schools	213,920	[4] 341,158	457,768	420,961	565,108
Public and private institutions of higher education	81,367	59,287	54,070	46,409	40,044
Students in institutions of higher education, total	**597,880**	**1,100,737**	**1,494,203**	[5] **1,155,272**	**1,676,851**
Normal schools and teachers' college	135,435	176,462	177,045	85,902	119,812
Colleges, universities, and professional schools	462,445	924,275	1,317,158	1,069,370	1,557,039
Percent of total population in institutions of higher education	0.57	0.90	1.13	[5] 0.84	1.19
EXPENDITURES (thousands of dollars) [6]					
Public elementary and secondary schools [1]	1,036,151	2,316,790	2,344,049	2,452,581	2,906,886
Private elementary and secondary schools [1]	([7])	233,277	227,000	[3] 264,331	[3] 341,474
Public institutions of higher education [8]	115,597	288,909	[9] 332,592	[9] 401,921	[9] 425,493
Private institutions of higher education [8]	100,769	343,340	[9] 273,163	[9] 279,352	[9] 466,236

[1] Excludes pupils in residential schools for exceptional children. [2] Figure for 1940. [3] Estimated.
[4] Figure for 1928. [5] Includes 277,755 full-time regular session military students. [6] Includes outlays. [7] No data.
[8] Expenditures for all departments, including preparatory.
[9] Excludes expenditures for auxiliary enterprises and activities included in prior years, amounting to $59,034,000 for public institutions and $93,665,000 for private institutions for 1940; $98,286,000 and $121,986,000 for 1944 and $125,577,000 and $142,518,000 for 1946.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistical Summary of Education.

No. 148.—Junior Colleges—Number and Enrollment: 1918 to 1948

YEAR	ALL SCHOOLS REPORTING		PUBLICLY CONTROLLED		PRIVATELY CONTROLLED	
	Number	Enrollment	Number	Enrollment	Number	Enrollment
1918	46	4,504	14	1,367	32	3,137
1920	52	8,102	10	2,940	42	5,162
1922	80	12,124	17	4,771	63	7,353
1924	132	20,559	39	9,240	93	11,319
1926	153	27,095	47	13,859	106	13,236
1928	248	44,855	114	28,437	134	16,418
1930	277	55,616	129	36,501	148	19,115
1932	342	85,063	159	58,887	183	26,176
1934	322	78,480	152	55,869	170	22,611
1936	415	102,453	187	70,557	228	31,896
1938	453	121,510	209	82,041	244	39,469
1940	456	149,854	217	107,553	239	42,301
1942	461	141,272	231	100,783	230	40,489
1944	413	84,616	210	56,439	203	28,177
1946	460	156,456	235	109,640	225	46,816
1948	472	240,173	242	178,196	230	61,977

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education, and circular No. 263, Statistical Summary of Higher Education.

No. 149.—Institutions of Higher Education—Staff, Enrollment, and Recipients of Degrees, by Sex, and Income and Expenditures: 1938 to 1948

[**All money figures in thousands of dollars.** Data cover universities, colleges, professional schools, junior colleges, teachers' colleges, and normal schools, both publicly and privately controlled, regular session. For student enrollment and total expenditures for earlier years, see table 147]

ITEM	1938	1940	1942	1944	1946[1]	1948[1]
Number of institutions reporting staff, enrollment, and degrees conferred	1,690	1,708	1,720	1,650	1,768	1,788
Staff (reduced to full-time basis), total	**123,677**	**131,552**	**134,137**	**134,451**	**136,032**	**196,300**
Men	87,990	94,536	96,251	93,794	93,876	143,243
Women	35,687	37,016	37,886	40,657	42,156	53,057
Resident college enrollment, total	**1,350,905**	**1,494,203**	**1,403,990**	**[2]1,155,272**	**1,676,851**	**2,616,262**
Men	803,893	893,250	818,559	578,948	927,662	1,836,339
Women	547,012	600,953	585,431	576,324	749,189	779,923
Degrees conferred:						
Baccalaureate and first professional, total	**164,943**	**186,500**	**185,346**	**125,875**	**136,174**	**271,019**
Men	97,678	109,829	103,889	55,876	58,664	175,456
Women	67,265	76,671	81,457	69,999	77,510	95,563
Masters, including advanced engineering (men and women)	21,628	26,731	24,648	13,414	19,209	42,400
Doctors (men and women)	2,932	3,290	3,497	2,305	1,966	4,188
Honorary (men and women)	1,500	1,452	1,619	1,292	[3]	[3]
Number of institutions reporting income and expenditures	1,586	1,609	1,628	1,563	1,768	1,788
Income for educational and general and for plant extension purposes	**580,372**	**637,497**	**656,392**	**886,241**	**1,046,795**	**1,936,971**
Student fees	178,996	200,897	201,365	154,485	214,344	305,632
Endowment earnings	70,654	71,304	74,075	75,196	89,763	86,708
Federal Government	29,345	38,860	58,232	308,163	197,250	528,047
State governments	140,959	151,222	166,532	175,169	225,161	357,900
County, city, and district governments	22,091	24,392	27,057	26,449	31,005	47,521
Private gifts and grants	36,908	40,453	45,916	50,449	77,572	91,568
Sales and service of organized activities	27,947	32,777	40,308	53,576	67,084	93,024
Other (including that for increase of physical plant)	73,472	77,592	42,907	42,754	144,616	426,571
Auxiliary enterprises and activities	130,523	143,923	157,424	183,644	244,436	466,667
Income for increase of permanent funds	49,583	44,518	38,510	69,688	[3]	75,889
Expenditures for educational and general purposes, total	**475,192**	**521,990**	**572,465**	**[4]753,846**	**820,326**	**1,400,574**
Administration and general expense	56,406	62,827	66,968	69,668	104,808	172,882
Resident instruction	253,006	280,248	298,558	334,188	375,122	661,438
Organized research	25,213	27,206	34,287	58,456	86,812	160,822
Libraries	17,588	19,487	19,763	20,452	26,560	44,538
Physical plant operation and maintenance	62,738	69,612	72,594	81,201	110,947	202,908
Organized activities related to instruction	24,031	27,225	37,771	48,415	60,604	85,527
Extension	34,189	35,325	42,525	44,421	55,473	72,459
Other	2,020			[5]97,044		
Auxiliary enterprises and activities [6]	139,194	152,699	165,703	220,272	268,096	493,891
Capital outlay, total	70,466	83,765	50,202	27,427	71,403	306,371

[1] Includes estimates for institutions not reporting. 1948 financial data preliminary.
[2] Includes 277,755 full time regular session military students.
[3] Not available.
[4] Includes "Federal contract courses" not included in table 147.
[5] Consists of "Federal contract courses" only.
[6] Includes "Other noneducational expenditures.."

Source: Federal Security Agency, Office of Education: Biennial Survey of Education, chapter on Statistics of Higher Education, chapter on Statistical Summary of Education, and circular No. 263, Statistical Summary of Higher Education.

No. 150.—Institutions of Higher Education—Fall Enrollment, by Type of Institution: 1947, 1948, and 1949

[Includes estimates. 1947 data based on returns from 1,732 of a total 1,753 institutions surveyed; 1948 data based on returns from 1,733 of a total 1,788 institutions covered; and 1949 data based on returns from 1,809 of a total 1,849 institutions covered]

TYPE	1947			1948			1949		
	Total enrollment	First-time students	Veterans	Total enrollment	First-time students	Veterans	Total enrollment	First-time students	Veterans
All institutions	**2,338,226**	**592,846**	**1,122,738**	**2,408,249**	**568,768**	**1,021,038**	**2,456,841**	**557,856**	**856,300**
Universities, colleges, professional schools	1,882,505	408,052	950,525	1,959,071	396,110	888,070	1,975,744	371,694	743,165
Teachers' colleges	162,199	54,461	63,354	170,205	50,745	56,543	184,462	53,914	46,782
Junior colleges	219,349	107,085	82,553	208,329	102,961	53,899	226,204	112,951	47,033
Negro institutions	74,173	23,248	26,306	70,644	18,952	22,526	70,431	19,297	19,320

Source: Federal Security Agency, Office of Education; Fall Enrollment in Higher Educational Institutions.

No. 151.—Institutions of Higher Education—1949 Fall Enrollment of Total, First-Time Students, and Veterans, by Sex, by States and Other Areas

[See headnote, table 150]

State or other area	Total enrollment			First-time students			Veterans		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Continental U.S.	**2,444,900**	**1,721,572**	**723,328**	**554,608**	**355,319**	**199,289**	**853,007**	**836,690**	**16,317**
Alabama	31,760	21,881	9,879	7,496	4,554	2,942	11,870	11,763	107
Arizona	13,144	9,135	4,009	3,368	2,253	1,115	4,771	4,655	116
Arkansas	19,445	12,935	6,510	5,408	3,403	2,005	6,546	6,477	69
California	200,447	139,306	61,141	54,087	34,524	19,563	63,069	61,406	1,663
Colorado	35,063	25,051	10,012	9,411	5,977	3,434	15,158	14,686	472
Connecticut	32,533	25,622	6,911	7,597	5,327	2,270	13,935	13,768	167
Delaware	3,441	2,508	933	780	473	307	1,162	1,152	10
Dist. of Columbia	37,454	27,117	10,337	8,040	5,480	2,560	16,708	16,067	641
Florida	36,093	25,575	10,518	8,066	4,901	3,165	15,040	14,757	283
Georgia	39,094	26,478	12,616	10,008	5,896	4,112	13,312	13,108	204
Idaho	8,266	5,956	2,310	2,811	1,857	954	2,598	2,575	23
Illinois	151,622	106,582	45,040	29,865	19,016	10,849	51,759	50,789	970
Indiana	70,363	50,557	19,806	15,146	9,903	5,243	23,923	23,483	440
Iowa	44,045	30,179	13,866	10,478	6,010	4,468	14,056	13,864	192
Kansas	37,061	25,468	11,593	9,477	5,899	3,578	11,761	11,607	154
Kentucky	32,455	21,908	10,547	6,991	3,987	3,004	10,942	10,784	158
Louisiana	35,641	25,212	10,429	5,669	3,939	1,730	11,941	11,796	145
Maine	9,507	6,621	2,886	2,627	1,577	1,050	3,158	3,127	31
Maryland	40,037	30,195	9,842	8,042	5,687	2,355	13,238	13,044	194
Massachusetts	102,351	73,316	29,035	23,643	16,363	7,280	39,153	38,277	876
Michigan	101,390	72,013	29,377	18,502	11,697	6,805	35,425	34,984	441
Minnesota	50,709	34,486	16,223	12,332	7,069	5,263	16,857	16,404	453
Mississippi	19,695	12,540	7,155	5,994	3,557	2,437	6,247	6,216	31
Missouri	65,183	45,136	20,047	16,062	9,307	6,755	23,723	23,299	424
Montana	8,622	6,236	2,386	2,272	1,416	856	3,378	3,320	58
Nebraska	22,024	15,251	6,773	5,384	3,108	2,276	7,350	7,249	101
Nevada	1,775	1,263	512	359	219	140	624	609	15
New Hampshire	9,069	7,032	2,037	2,613	1,813	800	3,033	3,009	24
New Jersey	45,562	34,874	10,688	10,501	7,502	2,999	16,563	16,116	447
New Mexico	9,592	7,073	2,519	2,003	1,370	633	4,085	3,961	124
New York	316,416	220,753	95,663	56,684	37,656	19,028	105,802	103,127	2,675
North Carolina	45,195	29,615	15,580	12,693	7,355	5,338	13,736	13,596	140
North Dakota	8,673	6,085	2,588	2,732	1,579	1,153	2,913	2,877	36
Ohio	137,743	97,611	40,132	28,183	17,867	10,316	48,094	47,207	887
Oklahoma	45,401	33,466	11,935	10,054	6,781	3,273	18,385	18,099	286
Oregon	25,588	18,468	7,120	6,058	4,013	2,045	9,688	9,511	177
Pennsylvania	151,218	113,177	38,041	27,854	19,682	8,172	58,183	57,259	924
Rhode Island	13,841	10,482	3,359	4,194	3,108	1,086	5,137	5,094	43
South Carolina	23,038	15,170	7,868	5,914	3,285	2,629	7,240	7,177	63
South Dakota	8,157	5,979	2,178	2,310	1,453	857	2,989	2,961	28
Tennessee	39,748	26,145	13,603	11,188	6,782	4,406	11,504	11,338	166
Texas	129,477	89,130	40,347	31,541	20,178	11,363	43,691	43,037	654
Utah	22,380	15,649	6,731	6,655	4,157	2,498	8,172	8,058	114
Vermont	7,767	5,006	2,761	2,277	1,234	1,043	2,354	2,327	27
Virginia	37,393	23,838	13,555	9,369	4,751	4,618	11,172	11,015	157
Washington	43,093	30,340	12,753	10,877	6,773	4,104	16,129	15,702	427
West Virginia	22,834	15,417	7,417	5,397	3,499	1,898	8,083	7,975	108
Wisconsin	49,678	34,961	14,717	14,840	10,610	4,230	16,981	16,645	336
Wyoming	3,817	2,774	1,043	756	472	284	1,369	1,333	36
Alaska	328	265	63	105	84	21	124	124	----
Canal Zone	210	138	72	123	85	38	14	11	3
Hawaii	4,822	2,848	1,974	1,235	705	530	970	956	14
Puerto Rico	6,581	3,849	2,732	1,785	1,072	713	2,185	2,177	8

Source: Federal Security Agency, Office of Education; Fall Enrollment in Higher Educational Institutions.

No. 152.—Institutions of Higher Education—Number, Staff, and Enrollment, by States and Other Areas: 1948

[See headnote, table 149]

Division, state, or other area	Number of institutions	Staff (reduced to full-time basis)[1]		Resident college enrollment						
				Regular session		Undergraduate		Graduate		Freshmen, both sexes
		Men	Women	Men	Women	Men	Women	Men	Women	
Continental U. S.	**1,788**	**143,243**	**53,057**	**1,836,339**	**779,923**	**1,607,603**	**652,900**	**120,177**	**54,255**	**619,232**
New England	**145**	**12,779**	**3,621**	**119,815**	**45,153**	**105,608**	**38,837**	**8,303**	**2,758**	**39,122**
Maine	15	635	272	6,886	2,701	6,655	2,637	106	25	2,960
New Hampshire	8	724	204	6,832	2,057	6,607	1,958	95	37	2,334
Vermont	13	512	201	4,455	2,527	4,317	2,468	60	28	2,493
Massachusetts	75	7,757	1,826	70,101	28,144	59,044	22,751	6,194	2,214	21,016
Rhode Island	9	904	278	9,591	3,703	9,076	3,504	418	141	3,584
Connecticut	25	2,247	840	21,860	6,021	19,909	5,519	1,430	313	6,735
Middle Atlantic	**267**	**30,415**	**8,915**	**377,311**	**158,240**	**296,963**	**108,312**	**39,420**	**19,634**	**109,453**
New York	123	18,354	5,669	227,543	107,966	166,733	68,762	28,336	16,234	62,177
New Jersey	35	2,950	691	36,453	11,078	32,449	9,678	2,707	448	13,133
Pennsylvania	109	9,111	2,555	113,315	39,196	97,781	29,872	8,377	2,952	34,143
East North Central	**333**	**27,115**	**9,906**	**397,906**	**164,144**	**341,256**	**134,183**	**25,754**	**11,868**	**126,164**
Ohio	67	7,174	2,564	106,275	44,862	97,921	39,641	4,308	1,969	35,881
Indiana	39	3,852	1,298	52,680	17,857	49,060	15,726	2,802	998	15,615
Illinois	101	8,788	3,197	124,147	51,939	95,809	39,173	8,298	3,576	36,136
Michigan	62	4,566	1,542	78,880	31,947	67,498	24,092	7,113	4,224	25,054
Wisconsin	64	2,735	1,305	35,924	17,539	30,968	15,551	3,233	1,101	13,478
West North Central	**245**	**14,164**	**6,626**	**180,912**	**76,091**	**167,519**	**69,181**	**9,576**	**3,276**	**69,399**
Minnesota	44	2,867	1,319	40,451	17,396	37,212	16,292	2,983	725	13,073
Iowa	52	3,112	1,257	33,899	14,131	30,963	12,943	2,297	640	12,980
Missouri	53	3,425	1,617	46,877	20,532	43,119	18,377	2,237	955	18,582
North Dakota	13	569	220	7,038	2,745	6,771	2,379	159	51	3,403
South Dakota	16	637	283	6,879	2,552	6,743	2,433	95	36	3,294
Nebraska	23	1,370	684	17,372	6,867	15,797	6,164	726	316	7,030
Kansas	44	2,184	1,249	28,396	11,868	26,914	10,593	1,079	553	11,037
South Atlantic	**276**	**17,419**	**7,813**	**210,444**	**98,729**	**190,009**	**87,487**	**9,967**	**4,889**	**78,703**
Delaware	4	325	104	2,535	764	2,227	713	279	33	868
Maryland	31	3,004	851	24,154	9,575	19,500	7,468	2,056	605	8,817
District of Columbia	24	2,072	607	35,949	14,767	26,698	10,220	3,425	2,044	9,890
Virginia	45	2,452	1,180	25,111	14,895	23,992	14,177	654	232	12,033
West Virginia	19	1,019	507	16,236	7,645	15,649	7,122	459	314	6,350
North Carolina	52	2,988	1,875	32,227	15,984	30,549	14,773	1,103	349	13,954
South Carolina	32	1,489	717	18,063	9,664	17,239	9,106	346	351	6,880
Georgia	52	2,209	1,117	31,380	15,179	30,362	14,344	815	510	11,575
Florida	17	1,861	855	24,789	10,256	23,793	9,564	830	451	8,336
East South Central	**145**	**7,742**	**4,201**	**93,176**	**44,770**	**87,867**	**40,889**	**3,115**	**1,686**	**35,752**
Kentucky	40	1,542	973	22,347	10,946	21,292	10,342	898	339	9,561
Tennessee	46	3,070	1,342	30,678	15,802	28,118	13,408	1,473	875	11,799
Alabama	26	1,838	1,039	26,139	10,852	24,770	10,275	507	325	7,787
Mississippi	33	1,292	847	14,012	7,170	13,687	6,864	237	147	6,605
West South Central	**164**	**11,690**	**5,322**	**172,730**	**74,519**	**161,407**	**67,687**	**6,635**	**3,672**	**61,197**
Arkansas	24	1,333	625	14,503	6,558	13,913	5,814	269	119	6,825
Louisiana	18	2,140	1,070	29,301	11,947	25,462	10,598	1,338	365	7,973
Oklahoma	37	2,061	913	36,377	13,706	34,637	12,335	1,242	734	12,575
Texas	85	6,156	2,714	92,549	42,308	87,395	38,940	3,786	2,454	33,824
Mountain	**65**	**5,179**	**1,781**	**78,490**	**31,218**	**72,431**	**27,757**	**4,402**	**1,753**	**28,851**
Montana	11	560	212	7,167	2,905	6,773	2,739	231	76	2,508
Idaho	9	563	204	6,564	2,557	6,328	2,297	127	47	3,080
Wyoming	2	324	99	3,133	986	2,955	922	154	45	820
Colorado	18	1,547	533	27,111	10,369	24,421	9,074	2,257	726	9,234
New Mexico	8	615	198	7,902	3,189	7,249	2,623	441	293	2,998
Arizona	6	461	180	8,700	3,614	7,914	3,128	292	275	3,631
Utah	10	956	309	16,509	7,028	15,433	6,443	880	277	5,899
Nevada	1	153	46	1,404	570	1,358	531	20	14	681
Pacific	**144**	**15,785**	**4,869**	**198,819**	**87,059**	**178,834**	**78,567**	**13,005**	**4,719**	**68,626**
Washington	26	2,103	953	32,247	13,506	29,924	12,275	1,933	793	12,144
Oregon	20	1,448	539	20,046	8,107	19,146	7,396	723	218	8,678
California	98	12,234	3,377	146,526	65,446	129,764	58,896	10,349	3,708	47,804
U. S. Service Academies	4	955	-------	6,736	-------	5,709	-------	-------	-------	1,965
Alaska	1	40	21	244	90	226	74	-------	-------	179
Canal Zone	1	13	7	477	357	145	64	-------	-------	643
Hawaii	1	342	13	2,470	1,692	2,170	1,265	110	197	1,281
Puerto Rico	2	288	220	4,499	2,895	4,460	2,846	8	21	-------

[1] Includes administrative officers, extension service, and organized research, in addition to regular staff.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education (preliminary), and circular No. 263, Statistical Summary of Higher Education.

No. 153.—Institutions of Higher Education—Value of Property, Endowments, and Other Permanent Funds, 1948, and Expenditures, 1946 and 1948, by States and Other Areas

[In thousands of dollars]

Division, State, or other area	Value of plants and plant funds, 1948 [1]	Endowment funds, 1948 [2]	Other permanent funds, 1948 [3]	Expenditures, 1946			Expenditures, 1948		
				Current	Capital outlay	Auxiliary activities	Current	Capital outlay	Auxiliary activities
Continental U. S.	**3,996,001**	**2,384,487**	**113,235**	**846,394**	**71,403**	**242,028**	**1,444,282**	**306,371**	**438,988**
New England	**252,390**	**528,385**	**19,763**	**77,227**	**4,627**	**19,451**	**131,935**	**18,871**	**36,952**
Maine	22,725	17,968	576	3,282	313	1,266	6,248	1,219	3,199
New Hampshire	23,975	27,912	468	4,404	445	1,473	7,013	478	2,748
Vermont	11,618	8,938	916	3,415	164	1,192	5,389	622	1,753
Massachusetts	133,279	317,224	13,275	45,715	1,896	10,638	81,548	12,176	18,750
Rhode Island	22,414	14,677	674	4,403	578	1,294	7,920	1,838	3,225
Connecticut	38,379	141,666	3,854	16,008	1,231	3,588	23,817	2,538	7,277
Middle Atlantic	**757,667**	**632,503**	**16,143**	**160,992**	**5,829**	**33,364**	**294,106**	**37,300**	**60,167**
New York	415,681	425,654	10,885	97,051	3,781	19,068	179,892	15,758	32,831
New Jersey	77,261	66,618	2,161	16,451	788	2,905	27,008	7,985	6,636
Pennsylvania	264,725	140,231	3,097	47,491	1,259	11,391	87,206	13,557	20,700
East North Central	**849,260**	**352,673**	**32,490**	**160,214**	**15,747**	**44,391**	**309,475**	**71,755**	**93,582**
Ohio	174,334	101,242	14,685	34,024	2,911	12,166	61,459	10,425	23,378
Indiana	117,026	33,591	3,133	19,131	3,007	6,928	40,982	11,350	18,920
Illinois	257,873	171,860	8,008	59,331	5,085	12,355	115,501	18,292	23,899
Michigan	201,239	28,060	5,985	31,516	4,326	8,525	59,347	20,977	16,507
Wisconsin	98,788	17,920	679	16,212	418	4,418	32,186	1,711	10,878
West North Central	**391,576**	**134,838**	**7,698**	**76,285**	**6,369**	**22,083**	**138,724**	**25,801**	**55,762**
Minnesota	99,047	44,513	1,388	17,830	2,007	7,712	32,656	8,003	22,510
Iowa	61,564	21,666	2,163	17,688	824	5,090	30,830	3,606	11,624
Missouri	108,963	47,644	2,382	17,361	1,502	4,720	32,787	5,981	10,496
North Dakota	18,727	3,625	90	3,390	141	411	6,186	794	1,116
South Dakota	17,862	3,786	182	3,275	132	578	3,418	781	1,232
Nebraska	33,574	5,301	379	6,840	711	1,538	12,637	3,285	4,368
Kansas	51,839	8,303	1,114	9,900	1,052	2,033	20,210	3,351	4,416
South Atlantic	**540,560**	**263,542**	**10,203**	**94,944**	**10,927**	**32,265**	**164,475**	**37,718**	**59,067**
Delaware	7,888	4,682	38	1,242	2	170	2,221	535	368
Maryland	56,482	52,821	715	15,972	518	1,987	24,316	6,680	4,806
District of Columbia	41,095	12,171	317	9,782	2,419	1,842	16,341	3,902	3,481
Virginia	92,692	47,679	1,326	17,868	1,771	6,972	26,879	2,466	9,444
West Virginia	35,295	4,067	64	5,166	987	1,520	9,502	1,976	4,074
North Carolina	126,369	80,291	3,841	18,541	1,607	8,436	28,468	5,860	13,786
South Carolina	52,445	8,760	207	7,488	726	3,007	14,108	1,476	6,398
Georgia	82,221	48,046	3,100	11,216	1,693	5,133	24,515	5,610	8,770
Florida	46,073	5,025	595	7,669	1,204	3,197	18,125	9,213	7,940
East South Central	**230,239**	**107,857**	**8,063**	**37,825**	**4,559**	**12,644**	**69,562**	**20,285**	**28,336**
Kentucky	58,136	25,559	2,537	8,982	1,375	2,482	16,888	3,911	6,655
Tennessee	75,442	59,593	2,916	12,344	1,269	4,004	22,471	8,402	8,347
Alabama	62,367	17,594	2,496	10,143	1,480	3,693	18,379	4,195	8,100
Mississippi	34,294	5,111	114	6,356	435	2,465	11,824	3,777	5,234
West South Central	**358,679**	**201,205**	**4,371**	**59,602**	**8,356**	**22,255**	**102,106**	**42,305**	**44,595**
Arkansas	31,643	7,060	462	5,595	759	1,547	9,705	3,239	4,050
Louisiana	73,057	24,794	570	11,649	601	5,443	21,965	7,504	9,584
Oklahoma	71,156	15,387	790	11,161	1,749	4,314	18,940	8,099	8,502
Texas	182,823	153,964	2,549	31,196	5,247	10,952	51,496	23,463	22,459
Mountain	**152,866**	**26,330**	**994**	**27,041**	**2,339**	**6,781**	**53,472**	**10,627**	**19,412**
Montana	16,521	4,687	36	2,746	218	518	4,663	1,095	2,070
Idaho	20,895	6,507	87	2,339	164	501	4,482	1,166	1,626
Wyoming	13,738	3,285	50	1,558	290	258	2,947	669	1,302
Colorado	48,180	7,251	544	9,171	635	2,627	19,041	4,238	6,184
New Mexico	10,791	2,992	12	3,128	344	728	5,500	1,082	2,242
Arizona	15,572	179	30	2,404	113	873	5,562	846	2,440
Utah	23,840	545	135	4,870	486	1,027	9,672	1,402	2,951
Nevada	3,329	884	100	825	89	249	1,605	129	597
Pacific	**366,764**	**137,154**	**13,510**	**76,880**	**6,020**	**31,774**	**166,751**	**41,709**	**36,167**
Washington	77,387	16,492	265	11,000	1,068	1,746	22,885	13,633	7,748
Oregon	42,046	6,906	635	7,428	627	1,955	12,227	4,693	4,949
California	247,331	113,756	12,610	58,452	4,325	28,072	131,639	23,383	23,470
U. S. Service Academies	[4] 96,000			1,158			13,676	[5]	4,948
Institutions not reporting				74,226	6,631	17,020			
Alaska	1,243	4		245	18	32	395	19	213
Canal Zone	500			46			76		8
Hawaii	5,501	74	31	2,018	38	257	3,022	292	566
Puerto Rico	12,983	2,550	27	4,446	398	323	6,159	2,234	756

[1] Grounds, buildings, equipment, and unexpended plant funds.
[2] Includes funds temporarily functioning as endowments.
[3] Student loan funds and annuity funds.
[4] Estimated.
[5] Not available.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education (1948 data preliminary).

No. 154.—Earned Degrees Conferred, by Major Field of Study: 1949

Major field of study	Number of degrees conferred								
	Bachelor's and first professional [1]			Master's and second professional [2]			Doctor's [3]		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Total [4]	**366,634**	**264,168**	**102,466**	**50,827**	**35,278**	**15,549**	**5,293**	**4,771**	**522**
Agriculture	7,909	7,768	141	942	919	23	232	226	6
Architecture	1,628	1,506	122	164	154	10	2	2	
Biology	8,275	6,017	2,258	404	299	105	103	82	21
Business and commerce	61,624	55,232	6,392	3,897	3,598	299	29	27	2
Chemistry	9,132	7,429	1,703	1,427	1,214	213	749	712	37
Dentistry	1,765	1,677	88	84	83	1			
Economics	11,536	10,378	1,158	863	748	115	149	138	11
Education	37,765	13,347	24,418	13,828	7,665	6,163	681	562	119
Engineering	43,604	43,446	158	4,647	4,625	22	360	357	3
English	14,926	6,206	8,720	1,952	1,069	883	157	126	31
Fine arts	4,268	1,594	2,674	583	335	248	19	14	5
Forestry	1,543	1,540	3	154	154		10	10	
Geology	1,851	1,740	111	385	355	30	88	83	5
History	10,491	7,232	3,259	1,609	1,163	446	212	181	31
Home economics	7,703	67	7,636	662	23	639	9		9
Industrial arts	2,595	2,490	105	315	297	18	4	4	
Journalism	4,556	3,335	1,221	269	225	44	3	3	
Language, modern	4,164	1,395	2,769	835	441	394	116	86	30
Law	14,366	13,942	424	469	445	24	33	31	2
Library science	1,019	137	882	263	74	189	3		3
Mathematics	5,040	3,513	1,527	893	712	181	126	116	10
Medicine, M. S. only	5,176	4,572	604						
Music	6,662	2,920	3,742	1,469	934	535	30	28	2
Nursing	3,529	20	3,509	246		246	2		2
Optometry	2,120	2,087	33						
Pharmacy	4,252	3,759	493	91	74	17	39	38	1
Philosophy	2,146	1,809	337	290	253	37	322	309	13
Physical education	7,842	5,514	2,328	1,122	800	322	39	20	19
Physics	2,828	2,645	183	841	798	43	266	259	7
Political science	6,116	4,979	1,137	821	698	123	119	107	12
Psychology	8,205	4,591	3,614	1,455	889	566	201	167	34
Religious education	2,205	1,312	893	455	180	275	53	50	3
Social work	1,017	245	772	1,907	548	1,359	7	5	2
Sociology	6,706	2,563	4,143	403	270	133	83	76	7
Speech and dramatic arts	3,076	1,330	1,746	488	261	227	31	24	7
Theology	3,071	2,845	226	709	631	78	143	143	
Zoology	2,835	2,249	586	436	315	121	78	69	9

[1] Based on curricula of 4 years or more. Includes B. A. and B. S. degrees and first professional degrees such as M. D., D. D. S., LL. B., and B. D.
[2] M. A., M. S. degrees, and professional degrees such as M. Chem. E., LL. M., M. B. A., and Th. M.
[3] Ph. D., Ed. D., LL. D., and Sc. D.
[4] Includes estimates for institutions not reported separately. Excludes honorary degrees.

Source: Federal Security Agency, Office of Education; circular No. 262, Earned Degrees Conferred by Higher Education Institutions.

No. 155.—Institutions of Higher Education—Enrollment in Summer Session and in Extension and Correspondence Work: 1920 to 1948

Year	Enrollment		Year	Enrollment	
	Summer session [1]	Extension and correspondence [2]		Summer session [1]	Extension and correspondence [2]
1920	132,849	101,662	1936	370,026	251,469
1922	220,311	155,163	1938	429,864	295,351
1924	278,125	194,147	1940	456,679	292,236
1926	340,461	324,819	1942	426,849	281,483
1928	382,776	360,246	1944	376,334	244,842
1930	388,006	354,133	1946	515,602	535,957
1932	414,260	265,265	1948	955,429	759,909
1934	303,754	208,507			

[1] For odd years, 1919, 1921, etc.
[2] Excludes noncollegiate students, as follows: 1932, 174,921; 1934, 45,484; 1936, 46,452; 1938, 75,822; 1940, 70,145; 1942, 80,904; 1944, 98,496. Not requested separately for 1946 and 1948.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Higher Education and circular No. 263, Statistical Summary of Higher Education.

No. 156.—Public and Private Residential Schools for the Blind, the Deaf, the Mentally Deficient, and Delinquents: 1922 to 1946

Type and year	States reported [1]	Schools reported	Pupils	Type and year	States reported [1]	Schools reported	Pupils
Blind:				**Deaf**—Continued			
1922	39	48	4,634	1940	45	79	14,673
1927	41	51	5,245	1946	45	79	12,971
1931	41	55	5,530				
1936	41	55	5,851	**Mentally deficient:**			
1940	40	50	5,870	1936	47	130	[2] 21,889
1946	41	54	5,150	1940	46	104	[2] 21,806
				1946	46	139	[2] 21,460
Deaf:							
1922	43	75	11,417	**Delinquent:**			
1927	44	76	13,928	1936	49	154	31,174
1931	45	83	14,854	1940	49	142	29,109
1936	45	79	15,366	1946	49	163	[2] 22,460

[1] Includes District of Columbia.
[2] Includes only children reported for school work.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Special Schools and Classes for Exceptional Children.

No. 157.—Special Schools and Classes for Exceptional Children—Enrollment for City School Systems, by Type: 1922 to 1948

[Data include home and hospital instruction]

Type and year	States reporting [1]	Cities reporting	Pupils enrolled	Type and year	States reporting [1]	Cities reporting	Pupils enrolled
Blind and partially seeing:				**Delicate:**			
1922	12	44	[2]	1930	27	81	19,153
1927	18	80	4,465	1932	28	135	24,020
1932	20	95	5,308	1936	30	150	23,517
1936	27	161	7,251	1940	27	166	26,792
1940	28	181	8,875	1948	42	549	19,071
1948	33	264	8,216				
				Socially maladjusted:			
Deaf and hard-of-hearing:				1930	20	44	9,543
1922	16	74	2,911	1932	24	58	14,354
1927	22	83	3,515	1936	20	45	12,653
1932	24	116	4,434	1940	25	50	10,477
1936	31	168	9,318	1948	25	90	15,340
1940	30	168	13,478				
1948	39	287	13,977	**Speech-defective:**			
				1932	[2]	[2]	22,735
Mentally deficient:				1936	22	123	116,770
1922	23	133	23,252	1940	29	144	126,146
1927	32	218	51,814	1948	40	455	182,344
1932	39	483	75,099				
1936	43	643	99,621	**Mentally gifted:**			
1940	42	565	98,416	1932	[2]	[2]	1,834
1948	46	729	87,067	1936	9	14	3,009
				1940	9	12	3,255
Crippled:				1948	11	15	20,712
1930	22	81	13,120				
1932	24	145	16,166				
1936	30	301	24,865	**Epileptic:**			
1940	31	356	25,784	1940	13	33	499
1948	47	959	30,498	1948	21	65	390

[1] Includes District of Columbia.
[2] Not available.

Source: Federal Security Agency, Office of Education; Biennial Survey of Education, chapter on Statistics of Special Schools and Classes for Exceptional Children (1948 data preliminary).

No. 158.—Public Libraries—Summary, By States and Other Areas: 1945

State or other area	Number of public libraries		Number of volumes at end of year	Number of registered borrowers	Income [1] ($1,000)	Operating expenditures		Number or employees
	Total	Submitting report				Total ($1,000)	Per capita	
Continental U. S.	**7,408**	**6,026**	**124,675,283**	**22,890,988**	**64,917**	**61,790**	**$0.70**	**[2] 37,382**
Alabama	64	61	770,157	255,548	339	292	.20	222
Arizona	15	9	137,652	117,428	48	43	.19	19
Arkansas	85	50	432,150	168,090	192	181	.18	155
California	206	165	11,689,004	1,978,612	6,765	6,551	.98	3,926
Colorado	109	68	1,260,027	241,111	512	495	.62	339
Connecticut	197	187	3,520,177	465,216	1,658	1,553	.99	986
Delaware	20	13	295,960	46,791	133	129	.49	75
Dist. of Columbia	1	1	720,972	151,626	823	762	1.15	346
Florida	94	22	535,381	143,718	428	246	.45	151
Georgia	157	146	1,326,931	387,018	670	644	.30	465
Idaho	56	32	341,433	95,307	141	131	.75	97
Illinois	375	326	6,944,783	1,429,273	4,430	4,175	.71	2,391
Indiana	237	216	5,988,896	855,685	2,118	2,107	.84	1,252
Iowa	315	307	3,231,397	530,218	1,182	1,127	.87	877
Kansas	204	189	1,753,832	331,277	553	523	.62	489
Kentucky	74	68	957,236	210,333	502	423	.39	311
Louisiana	34	32	794,898	227,747	525	514	.36	433
Maine	205	122	1,579,563	160,507	381	303	.65	302
Maryland	40	35	1,128,474	247,374	899	859	.63	407
Massachusetts	397	337	11,434,836	1,177,673	4,966	4,828	1.14	2,935
Michigan	306	295	5,348,848	1,045,380	4,131	3,873	.86	1,808
Minnesota	153	151	2,783,434	562,112	1,494	1,466	.95	805
Mississippi	59	43	431,350	130,039	126	118	.14	100
Missouri	198	145	2,745,290	576,248	1,295	1,248	.60	772
Montana	43	39	597,468	110,805	229	209	.70	141
Nebraska	276	241	1,625,358	301,434	473	443	.69	467
Nevada	14	5	108,768	24,109	54	52	1.03	37
New Hampshire	254	206	1,923,030	198,932	406	347	.76	364
New Jersey	291	183	5,799,949	925,217	2,898	2,893	.83	1,439
New Mexico	28	25	212,123	53,121	60	57	.23	47
New York	598	484	11,375,675	2,590,068	7,781	7,498	.66	4,303
North Carolina	130	98	2,559,397	467,438	710	671	.22	430
North Dakota	100	64	279,243	57,311	85	76	.56	62
Ohio	274	236	10,301,324	1,649,169	6,706	6,503	1.07	3,631
Oklahoma	80	61	998,456	266,863	325	307	.46	240
Oregon	96	92	1,484,918	318,397	702	680	.81	464
Pennsylvania	346	216	6,145,891	1,180,088	3,175	3,034	.52	1,741
Rhode Island	72	52	1,165,561	131,174	402	374	.79	296
South Carolina	53	39	526,726	163,503	224	208	.28	166
South Dakota	95	91	601,555	109,662	191	166	.71	183
Tennessee	66	47	1,006,570	257,641	397	386	.24	342
Texas	107	84	2,047,783	730,707	910	890	.34	548
Utah	48	31	622,492	157,856	221	265	.68	191
Vermont	239	186	1,324,648	70,322	209	183	.61	268
Virginia	86	70	998,888	291,925	465	429	.32	299
Washington	144	129	2,041,143	411,370	1,501	1,287	.98	788
West Virginia	51	39	406,727	126,174	176	163	.20	94
Wisconsin	293	269	3,972,990	690,162	2,174	1,964	1.01	1,092
Wyoming	23	19	395,919	73,809	130	118	.59	86
Alaska	[3]	1	6,500	----------	13	13	.96	4
Canal Zone	[3]	1	81,339	9,732	44	44	.85	19
Hawaii	[3]	4	355,210	89,435	444	433	1.03	125
Virgin Islands	[3]	1	20,790	1,300	9	9	.76	8

[1] Excludes balance from previous year.
[2] Includes 15,009 part-time employees.
[3] Not available.

Source: Federal Security Agency, Office of Education; Bulletin 1947, No. 12, Public Library Statistics.

No. 159.—Vocational Schools and Vocational Teacher-Training Courses, Federally Aided—Number of Teachers and Students, by Class of School or Course and by Sex: Years Ending June 30, 1920 to 1948

[Institutions Federally aided are reimbursed from Federal funds provided under act known as "The Smith-Hughes Act," or the "National Vocational Education Act of 1917," and subsequent acts extending benefits of vocational education to Alaska, Hawaii, and Puerto Rico, and providing for further development of vocational education. These acts, administered by Office of Education, provide appropriations for reimbursement in part from Federal funds for expenditures by States and local communities for vocational education. Includes data for Hawaii beginning 1930, for Puerto Rico beginning 1936, and for Alaska beginning 1937]

CLASS OF SCHOOL OR COURSE	TEACHERS					PUPILS				
	1920	1930	1940	1947	1948 [1]	1920	1930	1940	1947	1948 [1]
VOCATIONAL SCHOOLS										
Total, all classes [2]	------	------	-------	(3)	(3)	**265,058**	**981,882**	**2,290,741**	**2,508,618**	**2,839,209**
Male	------	------	-------	(3)	(3)	163,228	603,514	1,279,109	1,363,275	1,514,448
Female	------	------	-------	(3)	(3)	101,830	378,368	1,011,632	1,145,343	1,324,761
Evening	2,565	9,842	17,744	9,940	17,010	73,122	323,154	728,937	854,051	1,209,607
Part-time	1,773	5,468	14,600	11,954	11,416	122,974	407,285	525,358	609,326	525,034
All-day	3,331	9,245	24,917	26,379	29,001	68,962	241,486	1,022,284	1,040,625	1,099,842
Day-unit course	------	319	658	38	168	-------	9,957	14,162	4,616	4,726
Agriculture [2]	------	------	-------	**8,358**	**12,264**	**31,301**	**188,311**	**584,133**	**584,533**	**640,791**
Male	------	------	-------	(3)	(3)	29,351	180,490	583,034	584,533	640,791
Female	------	------	-------	(3)	(3)	1,950	7,821	1,099	-------	-------
Evening	------	1,878	4,976	407	3,108	-------	60,462	192,246	263,118	297,713
Part-time	------	306	3,727	93	844	-------	4,164	62,489	23,714	24,293
All-day	1,570	4,346	8,450	7,829	8,150	31,301	113,728	318,223	293,684	314,203
Day-unit course	------	319	568	29	162	-------	9,957	11,175	4,017	4,522
Trade and industrial [2]	------	------	-------	**22,388**	**22,114**	**184,819**	**618,604**	**758,409**	**720,098**	**765,747**
Male	------	------	-------	(3)	(3)	133,872	422,575	602,182	614,659	663,913
Female	------	------	-------	(3)	(3)	50,947	196,029	156,227	105,439	101,834
Evening	1,779	5,030	5,769	3,769	5,572	48,354	165,317	167,908	116,781	243,225
Part-time, total	1,636	4,981	9,449	10,266	8,606	115,241	381,898	383,579	386,064	306,299
Trade extension	350	1,747	7,150	8,101	(3)	17,159	45,601	241,098	292,737	178,165
Trade preparatory	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	50,756
General continuation	1,286	3,234	2,299	2,165	(3)	98,082	336,297	142,481	93,327	77,378
All-day	1,047	3,054	6,940	8,353	7,936	21,224	71,389	206,922	217,253	216,223
Home economics [2]	------	------	-------	**14,608**	**20,038**	**48,938**	**174,967**	**818,766**	**968,846**	**1,139,766**
Male	------	------	-------	(3)	(3)	5	449	24,746	38,004	53,874
Female	------	------	-------	(3)	(3)	48,933	174,518	794,020	930,842	1,085,892
Evening	786	2,934	4,857	3,528	6,348	24,768	97,375	245,850	333,156	476,431
Part-time	137	181	1,192	874	769	7,733	21,223	72,790	105,403	93,775
All-day	714	1,845	9,527	10,197	12,915	16,437	56,369	497,139	529,688	569,356
Day-unit course	------	------	90	9	6	-------	-------	2,987	599	204
Distributive occupational [2]	------	------	-------	**2,957**	**3,179**	-------	-------	**129,433**	**235,141**	**292,905**
Male	------	------	-------	(3)	(3)	-------	-------	69,147	126,079	155,870
Female	------	------	-------	(3)	(3)	-------	-------	60,286	109,062	137,035
Evening	------	------	2,142	2,236	1,982	-------	-------	122,933	140,996	192,238
Part-time	------	------	232	721	1,197	-------	-------	6,500	94,145	100,667
VOCATIONAL TEACHER-TRAINING COURSES										
Total, all classes	**1,082**	[4] **843**	**1,588**	(3)	(3)	**12,456**	**20,736**	**40,491**	(3)	(3)
Male	657	[4] 518	957	(3)	(3)	6,985	12,531	22,406	(3)	(3)
Female	425	[4] 325	631	(3)	(3)	5,471	8,205	18,085	(3)	(3)
In agriculture	293	195	392	(3)	(3)	2,310	3,325	6,428	(3)	(3)
Trade and industry	359	334	525	(3)	(3)	6,150	11,205	15,606	(3)	(3)
Home economics	414	316	556	(3)	(3)	3,652	6,206	12,768	(3)	(3)
Distributive occupations	------	------	115	(3)	(3)	-------	-------	5,689	(3)	(3)
Other and not specified	16	------	-------	-------	-------	344	-------	-------	-------	-------

[1] Subject to revision.
[2] Totals for teachers omitted for 1920, 1930, and 1940 because of duplications in State reports by types of schools.
[3] Not available.
[4] Excluding duplication.

Source: Federal Security Agency, Office of Education; Digest of Annual Reports of State Boards for Vocational Education.

No. 160.—Vocational Education and Teacher Training, Federally Aided—Expenditures of Federal, State, and Local Funds, 1920 to 1948, and by States and Other Areas, 1948

[In thousands of dollars. For years ending June 30. See headnote, table 159]

Year, state or other area	All vocational education [1]				Agricultural education [2]		Trade and industrial education [2]		Home economics education [2]	
	Total funds	Federal	State	Local	Total funds	Federal	Total funds	Federal	Total funds	Federal
TOTAL										
1920	8,535	2,477	2,670	3,388	2,437	890	3,397	700	1,054	156
1924	18,845	4,833	5,175	8,838	5,254	1,898	8,555	1,589	2,745	332
1928	25,716	6,821	7,029	11,865	7,609	2,844	12,021	2,454	3,721	492
1932	33,402	8,415	9,036	15,951	10,213	3,689	15,426	2,547	5,129	1,130
1936	33,428	9,749	8,606	15,073	10,327	3,863	15,006	3,430	5,807	1,429
1940	55,081	20,004	11,737	23,340	16,986	6,709	21,100	6,435	11,718	4,290
1944	64,299	19,958	15,016	29,325	18,448	6,628	24,058	6,093	15,752	4,409
1946	72,807	20,628	18,538	33,641	19,807	6,625	27,155	6,530	18,740	4,425
1947	83,252	21,087	22,180	39,985	22,893	6,904	31,798	6,558	20,675	4,456
1948 [3]	103,676	26,193	25,849	51,634	30,540	9,877	40,895	8,530	28,380	6,260
1948										
Alabama	2,225	717	1,437	71	911	389	542	118	711	183
Arizona	518	170	67	281	127	59	157	52	207	46
Arkansas	1,992	543	690	759	944	316	245	60	733	143
California	6,527	1,077	649	4,801	1,174	259	2,824	500	2,243	234
Colorado	692	221	149	322	171	83	207	66	268	56
Connecticut	1,571	254	1,197	120	88	44	1,292	125	149	64
Delaware	333	145	31	157	84	41	142	53	86	42
District of Columbia	241	87	154		10	5	147	40	68	34
Florida	2,072	344	77	1,651	523	112	922	120	564	88
Georgia	2,815	767	383	1,665	1,257	399	410	132	1,040	199
Idaho	393	160	60	173	171	63	115	54	107	43
Illinois	4,489	1,207	1,251	2,031	1,594	335	1,417	560	1,350	253
Indiana	2,936	664	290	1,982	1,046	258	808	209	993	156
Iowa	1,503	567	73	863	623	275	287	123	544	145
Kansas	937	390	149	398	446	182	183	84	267	104
Kentucky	1,752	704	256	792	836	370	308	117	547	188
Louisiana	2,276	526	95	1,655	905	255	555	111	769	131
Maine	428	169	58	201	150	70	84	42	182	51
Maryland	1,365	311	552	502	262	93	730	127	330	70
Massachusetts	4,149	535	1,771	1,843	454	71	3,018	353	619	84
Michigan	3,235	904	607	1,724	703	287	1,597	352	792	200
Minnesota	1,910	574	363	973	496	248	811	149	527	143
Mississippi	2,094	634	668	792	1,090	390	271	61	683	160
Missouri	1,991	758	439	794	742	337	652	209	551	188
Montana	399	165	42	192	147	62	104	50	128	44
Nebraska	861	305	111	445	345	147	188	61	279	81
Nevada	147	74	16	57	35	17	50	25	62	31
New Hampshire	306	142	60	104	73	37	107	53	102	41
New Jersey	3,842	546	584	2,712	270	90	3,197	328	319	106
New Mexico	446	168	55	223	151	62	119	51	151	45
New York	9,890	1,851	1,850	6,189	1,316	292	7,279	1,156	952	239
North Carolina	3,111	918	1,235	958	1,558	489	385	143	1,076	242
North Dakota	461	178	137	146	143	71	134	48	170	51
Ohio	3,295	1,171	538	1,586	899	362	1,419	467	808	258
Oklahoma	1,998	552	325	1,121	924	274	382	114	617	136
Oregon	675	221	125	329	221	86	247	64	170	56
Pennsylvania	6,029	1,556	3,340	1,133	1,200	384	3,162	705	1,439	353
Rhode Island	250	117	26	107	38	19	158	71	55	27
South Carolina	1,917	499	1,011	407	834	269	409	74	603	133
South Dakota	402	162	19	221	117	59	92	46	174	49
Tennessee	2,248	711	600	937	849	370	558	130	769	177
Texas	6,263	1,377	1,079	3,807	2,860	617	800	329	2,223	352
Utah	802	170	70	562	271	57	242	53	236	45
Vermont	306	142	37	127	98	44	116	53	67	34
Virginia	2,964	626	1,167	1,171	920	301	720	131	1,150	161
Washington	2,197	329	520	1,348	540	116	847	112	707	80
West Virginia	1,362	433	186	743	399	184	536	96	372	129
Wisconsin	3,297	634	341	2,322	945	263	1,460	183	797	150
Wyoming	337	157	43	137	113	52	91	46	104	45
Hawaii	600	165	435		142	53	204	50	221	47
Puerto Rico	827	396	431		325	159	165	74	299	143

[1] Includes data for distributive and teacher-training courses not shown separately.
[2] 1948 figures include expenditures for teacher training previously included only in "All Vocational Education."
[3] Subject to revision.

Source: Federal Security Agency, Office of Education; Digest of Annual Reports of State Boards for Vocational Education.

No. 161.—Vocational Courses, Federally Aided—Students Enrolled, by Class, by States and Other Areas: 1947 and 1948

[For years ending June 30. Excludes vocational teacher-training courses. See also headnote, table 159]

State or other area	1947 [1]					1948 [1]				
	Total	Agricultural	Trade and industrial	Home economics	Distributive	Total	Agricultural	Trade and industrial	Home economics	Distributive
Total	**2,508,618**	**584,533**	**720,098**	**968,846**	**235,141**	**2,839,209**	**640,791**	**765,747**	**1,139,766**	**292,905**
Alabama	44,475	16,352	8,478	17,535	2,110	49,146	20,266	9,960	16,843	2,077
Arizona	8,713	898	1,601	4,762	1,452	12,579	1,561	3,104	5,605	2,309
Arkansas	56,555	17,575	8,313	26,114	4,553	65,954	21,852	10,841	28,930	4,331
California	287,742	34,253	101,595	128,380	23,514	356,317	30,288	102,009	185,824	38,196
Colorado	22,914	1,553	6,231	11,975	3,155	23,789	1,494	7,298	12,387	2,610
Connecticut	36,770	653	16,542	5,920	13,655	23,930	612	15,298	5,753	2,267
Delaware	4,423	562	2,027	1,667	167	9,527	36	3,999	3,788	1,704
Dist. of Columbia	8,386	38	2,858	3,893	1,597	5,320	872	2,291	1,929	228
Florida	36,275	7,102	14,201	13,915	1,057	44,372	8,686	16,060	17,002	2,624
Georgia	136,599	68,481	12,488	45,458	10,172	140,947	67,107	15,169	48,237	10,434
Idaho	5,527	1,920	1,133	2,474	-------	6,949	2,281	1,639	3,029	-------
Illinois	74,776	18,315	23,875	29,218	3,368	81,447	18,936	26,014	31,799	4,698
Indiana	58,360	10,064	19,287	23,651	5,358	65,791	10,286	20,019	24,908	10,578
Iowa	49,389	17,418	12,332	18,516	1,123	56,888	19,502	15,400	19,632	2,354
Kansas	20,985	4,863	4,469	10,423	1,230	21,551	4,946	3,703	11,663	1,239
Kentucky	45,182	12,992	7,103	15,050	10,037	56,819	13,227	4,775	27,501	11,316
Louisiana	49,705	16,889	10,837	18,576	3,403	59,430	20,386	20,081	17,581	1,382
Maine	5,366	1,282	789	3,260	35	7,628	1,368	1,170	5,043	47
Maryland	21,101	4,704	9,332	5,944	1,121	18,844	3,855	7,187	5,513	2,289
Massachusetts	45,147	1,649	24,397	17,502	1,599	51,462	1,898	27,634	20,518	1,412
Michigan	87,451	10,847	35,082	36,513	5,009	108,529	17,379	44,723	40,572	5,855
Minnesota	40,974	9,487	9,754	18,047	3,686	49,625	9,584	11,473	23,894	4,674
Mississippi	75,028	38,370	9,057	27,264	337	81,905	38,472	11,598	30,303	1,532
Missouri	49,050	13,542	11,374	21,966	2,168	54,313	14,253	11,477	24,844	3,739
Montana	7,917	2,122	1,009	3,836	950	8,760	3,736	1,439	3,401	184
Nebraska	25,167	4,530	5,805	12,643	2,189	24,478	4,150	4,144	12,524	3,660
Nevada	2,142	126	1,103	913	-------	2,935	239	1,308	1,388	-------
New Hampshire	3,930	472	1,312	1,978	168	5,057	604	1,819	2,286	348
New Jersey	29,157	2,114	19,967	6,241	835	29,754	1,874	20,374	6,268	1,238
New Mexico	5,211	1,169	1,037	2,888	117	6,352	1,244	1,404	3,466	238
New York	170,705	11,262	108,579	25,831	25,033	184,277	9,632	101,966	36,069	36,610
North Carolina	72,411	22,484	8,667	35,908	5,352	86,783	27,900	7,763	43,776	7,344
North Dakota	6,537	1,227	1,085	4,121	104	8,761	2,475	1,492	4,679	115
Ohio	63,226	12,023	24,535	21,676	4,992	73,757	11,007	25,505	25,830	11,415
Oklahoma	36,632	12,168	3,386	16,197	4,881	43,946	17,792	5,584	14,742	5,828
Oregon	13,969	2,439	5,032	6,158	340	20,879	2,788	5,502	8,930	3,659
Pennsylvania	90,351	12,510	43,299	28,393	6,149	89,039	10,916	36,671	35,449	6,003
Rhode Island	2,762	384	1,613	765	-------	3,305	369	1,784	1,152	-------
South Carolina	99,210	58,590	5,493	30,725	4,402	125,437	57,229	6,171	43,245	18,792
South Dakota	7,262	1,306	1,316	3,714	926	7,387	1,493	1,223	3,803	868
Tennessee	79,643	20,155	12,366	29,392	17,730	76,249	27,150	14,384	31,188	3,527
Texas	181,493	46,479	19,673	85,506	29,835	200,679	49,965	27,824	86,691	36,199
Utah	27,679	6,251	6,368	11,002	4,058	39,686	7,363	10,646	18,851	2,826
Vermont	3,395	728	986	1,400	281	3,369	746	1,039	1,151	433
Virginia	73,233	15,385	16,264	36,925	4,659	85,188	18,968	16,978	39,729	9,513
Washington	76,460	10,332	30,227	23,519	12,382	87,443	9,816	30,115	31,239	16,273
West Virginia	20,949	3,900	9,127	7,627	295	36,883	17,812	9,334	8,603	1,134
Wisconsin	99,139	18,661	33,040	43,178	4,260	100,329	18,358	33,295	44,220	4,456
Wyoming	4,722	863	611	3,248	-------	4,827	1,012	870	2,601	344
Hawaii	12,370	969	3,015	5,213	3,173	10,650	1,328	2,309	5,197	1,816
Puerto Rico	22,053	6,075	2,028	11,826	2,124	19,937	5,678	1,882	10,190	2,187

[1] Subject to revision.

Source: Federal Security Agency, Office of Education; Digest of Annual Reports of State Boards for Vocational Education.

5. Law Enforcement and Federal Courts

Criminal justice is administered in the United States for the most part by State and local officers and agencies. The United States Constitution reserves to the States the general police powers and only offenses against the United States Government or those which involve the crossing of State lines or an interference with interstate commerce can be made Federal offenses by act of Congress. Consequently, unless they occur in Federal territories or reservations, or on the high seas, or are committed by members of the armed forces, the usual criminal offenses such as murder, robbery, burglary, theft, assault, and rape are violations of State laws. There are fifty separate and distinct criminal law jurisdictions in the United States, one in each of the forty-eight States, one in the District of Columbia set up by act of Congress, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. Yet the general system of law enforcement is quite similar from State to State. Of course, there are among the States differences in detail and often substantial differences in the penalties provided for like offenses.

The administration of criminal justice can be divided into three parts. The first covers the activities of the police agencies, namely the investigation of crimes and the apprehension of persons suspected of committing them. This function involves agencies such as municipal police, county police, State police, sheriffs, constables, marshals, Federal agents, and many kinds of special officers. The second phase of the administration of criminal justice is the prosecution of those charged with criminal offenses to determine whether they are in fact guilty. The agencies concerned include the courts, justices of the peace, municipal, State and Federal grand juries, and prosecuting court officers. The third division of criminal administration is concerned with the punishment or treatment of those convicted of crime. While the courts usually determine the sentence after conviction, the administration of the penalty is carried out by prison, reformatory, jail, probation and parole officials.

Nearly all statistical data on crime and criminals are derived from the records and reports of the various agencies engaged in the administration of criminal law. Police statistics present the number of offenses reported, the number of persons arrested, and the offenses cleared by arrest. Arrest records provide data concerning sex, age, race, and other characteristics of the persons arrested and charged with crime. As the police agencies are largely local, a real problem is involved in collecting statistical data from the large number of such agencies. The Federal Bureau of Investigation obtains reports from police agencies and publishes information for the country as a whole in its semi-annual bulletin, *Uniform Crime Reports*. The great majority of urban communities are now reporting to the Federal Bureau and the reports received cover about three quarters of the population of the United States. Information concerning offenses known to the police and the sex and age of persons arrested are shown by offense. Tables 162–165 are taken from *Uniform Crime Reports*. No centralized information is available on the police activities of the Federal agencies. Some information concerning the work of each Federal agency will be found in its respective annual report.

Court statistics for the country as a whole showing the number of persons prosecuted for criminal offenses and the outcome of the prosecutions are quite incomplete. In many States, an annual or biennial publication presents data on the criminal cases disposed of in the trial courts. This information may be published by the State Judicial Council or the Attorney General or some other State agency. The only national compilation of such information was that made by the Bureau of the Census which annually

published statistical data on criminal cases disposed of in the general trial courts of from sixteen to thirty States including the District of Columbia. No national collection is now made.

Comprehensive information is collected on the business of the Federal courts by the Administrative Office of the United States Courts, and is published annually in the Report of the Director. Tables 166–172 are from this source.

As mentioned previously, the criminal jurisdiction of the Federal courts is limited by reservations to the States contained in the United States Constitution. For the same reason the jurisdiction of the Federal courts to hear and decide civil litigation is likewise limited. The bulk of civil litigation in the country is commenced and determined in the various State courts, and only when the United States Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by these courts. The question whether a State court or a Federal court has jurisdiction over a particular civil action is often difficult to determine, but generally speaking the Federal courts have jurisdiction over the following types of cases:

(1) Suits or proceedings by the United States; (2) Suits or proceedings against the United States; (3) Civil actions between private parties arising under the Constitution, laws, or treaties of the United States; (4) Civil actions between private litigants who are citizens of different States; (5) Civil cases involving admiralty, maritime, or prize jurisdiction; (6) All matters and proceedings in bankruptcy.

The Federal courts of original jurisdiction are known as the United States District Courts, and one or more of these courts is established in every State, Territory, or possession. Appeals from the district courts are taken to intermediate appellate courts of which there are eleven. They are known as United States Courts of Appeals. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

Statistics of prisoners committed to penal institutions have been collected and published for a longer period of time than have other criminal statistics. Nearly every State publishes annual data either for the whole prison system or for each separate State institution. A national compilation of data on prisoners in Federal and State prisons and reformatories was made annually by the Bureau of the Census until after the 1947 data were compiled when this work was transferred to the Bureau of Prisons. Statistical information covering persons received and discharged from State prisons and reformatories in 46 of the 48 States and from the District of Columbia and Federal prison systems was published annually in a comprehensive report, the latest of which covered the year 1946. A brief report for 1947 was included in the series, Current Population Reports, and will be the last report of this material by the Census Bureau. Tables 175–179 present data from these reports. The Federal Bureau of Prisons, in its annual report, *Federal Prisons*, provides as complete statistical information on prisoners as has been issued in this country. Tables 173 and 174 are from this source.

Information concerning juvenile delinquents and juvenile delinquency and the operation of many juvenile courts is collected and published by the Children's Bureau, Social Security Administration, Federal Security Agency.

Information on the prosecution and disposition of persons charged with misdemeanors and other minor offenses in the justice of the peace and municipal courts of the country is not compiled at the present time. Statistical data on such prosecutions may be found for some of the larger cities in the annual reports of the municipal court or of the municipal government. Likewise, there is no general compilation of statistical data on persons confined to county jails and local workhouses. The Bureau of the Census made a survey of jail prisoners for the calendar year 1933 and some information on incarcerated prisoners was published in connection with the 1940 decennial census but there is at present no regular compilation covering this field.

No. 162.—Offenses Known to the Police—Annual Trends, by Population Groups: 1947 and 1948

[Population figures based on 1940 census]

Population group	Total	Criminal homicide		Rape	Robbery	Aggravated assault	Burglary—breaking or entering	Larceny—theft (except auto theft)	Auto theft
		Murder, nonnegligent manslaughter	Manslaughter by negligence						
Total, 2,166 cities; total population, 66,713,389:									
1947	1,025,621	4,071	2,878	8,467	40,222	48,539	233,088	566,240	122,116
1948	1,028,826	3,984	2,655	8,274	37,893	50,801	234,884	579,008	111,327
Percent change	+.3	−2.1	−7.7	−2.3	−5.8	+4.7	+.8	+2.3	−8.8
36 cities over 250,000; population, 29,894,166:									
1947	435,308	2,123	1,598	4,786	25,612	25,624	99,809	216,901	58,855
1948	444,837	2,176	1,528	5,025	24,622	29,073	102,868	224,545	55,000
Percent change	+2.2	+2.5	−4.4	+5.0	−3.9	+13.5	+3.1	+3.5	−6.6
55 cities, 100,000 to 250,000; population, 7,792,650:									
1947	159,004	601	411	979	5,372	5,841	39,610	87,343	18,847
1948	156,800	544	394	899	4,768	5,389	38,132	90,092	16,582
Percent change	−1.4	−9.5	−4.1	−8.2	−11.2	−7.7	−3.7	+3.1	−12.0
105 cities, 50,000 to 100,000; population, 7,225,117:									
1947	129,043	459	256	718	3,136	6,518	28,583	75,749	13,624
1948	129,598	445	247	678	3,208	6,282	30,148	76,118	12,472
Percent change	+.4	−3.1	−3.5	−5.6	+2.3	−3.6	+5.5	+.5	−8.5
208 cities, 25,000 to 50,000; population, 7,234,659:									
1947	117,574	296	267	591	2,338	4,622	24,963	72,646	11,851
1948	116,534	285	216	555	2,082	4,382	24,961	73,003	11,050
Percent change	−.9	−3.7	−19.1	−6.1	−11.0	−5.2	(1)	+.5	−6.8
527 cities, 10,000 to 25,000; population, 8,020,884:									
1947	111,392	334	171	715	2,134	3,635	23,547	69,633	11,223
1948	107,806	293	135	508	1,796	3,520	22,316	69,623	9,615
Percent change	−3.2	−12.3	−21.1	−29.0	−15.8	−3.2	−5.2	(1)	−14.3
1,235 cities, under 10,000; population, 6,545,913:									
1947	73,300	258	175	678	1,630	2,299	16,576	43,968	7,716
1948	73,251	241	135	609	1,417	2,155	16,459	45,627	6,608
Percent change	−.1	−6.6	−22.9	−10.2	−13.1	−6.3	−.7	+3.8	−14.4

[1] A decrease of less than one-tenth of 1 percent.

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, Uniform Crime Reports for the United States and Its Possessions.

No. 163.—Crime Rates—Offenses Known to the Police in Urban Communities, by Class, by States: 1948

[Based on monthly crime reports received from 2,166 urban communities representing a combined 1940 population of 66,713,389, except for burglary and larceny which are based on reports from 2,402 urban communities with combined population of 58,756,345]

[Rate per 100,000 population]

DIVISION AND STATE	Murder, nonnegligent manslaughter	Robbery	Aggravated assault	Burglary—breaking or entering	Larceny—theft (except auto theft)	Auto theft
United States	**5.99**	**56.2**	**75.8**	**392.2**	**975.2**	**165.5**
New England	**1.38**	**16.6**	**13.2**	**266.1**	**610.1**	**118.7**
Maine	----------	13.6	12.1	305.1	737.7	131.8
New Hampshire	.77	4.2	4.2	183.1	459.7	61.4
Vermont	3.35	3.3	----------	192.0	773.6	89.3
Massachusetts	1.18	17.7	9.4	238.2	563.7	126.2
Rhode Island	2.31	14.8	25.1	295.5	669.2	107.9
Connecticut	1.94	18.8	23.9	372.3	738.9	110.7
Middle Atlantic	**3.44**	**25.7**	**34.6**	**234.6**	**494.0**	**115.3**
New York	3.49	17.2	33.4	204.4	573.6	126.4
New Jersey	2.80	28.3	46.9	313.1	560.3	105.6
Pennsylvania	3.64	40.6	31.2	206.5	374.9	99.1
East North Central	**5.33**	**79.1**	**61.8**	**347.6**	**891.2**	**136.7**
Ohio	5.35	62.7	47.5	348.4	925.6	143.9
Indiana	5.20	53.9	48.8	430 3	1,101.3	212.0
Illinois	7.02	116.3	56.3	314.4	554.2	106.3
Michigan	4.63	87.0	123.1	450.6	1,308.4	157.7
Wisconsin	1.11	9.0	7.5	157.2	856.5	95.8
West North Central	**4.31**	**38.2**	**61.6**	**335.0**	**861.0**	**132.1**
Minnesota	1.88	31.8	9.5	248.2	770.0	111.1
Iowa	1.44	14.8	8.2	253.8	859.7	114.3
Missouri	7.96	62.8	160.1	445.8	817.9	142.5
North Dakota	.82	21.4	11.5	247.4	1,024.3	162.8
South Dakota	1.59	7.2	4.0	270.2	909.9	120.0
Nebraska	3.19	31.1	29.0	289.0	1,016.3	167.6
Kansas	5.62	34.7	30.2	392.4	999.2	143.7
South Atlantic [1]	**13.82**	**72.5**	**253.6**	**514.4**	**1,177.8**	**228.0**
Delaware	4.81	59.3	15.2	480.7	1,187.2	203.5
Maryland	11.48	47.2	128.8	237.3	624.7	250.0
Virginia	15.60	83.2	221 0	602.7	1,551.0	263.6
West Virginia	5.74	63.4	53.0	298.1	593.8	157.0
North Carolina	16.49	39.9	522.9	468.2	896.9	191.0
South Carolina	11.13	47.3	136.7	443.8	1,324.1	231.3
Georgia	21.73	53.0	166.0	425.1	1,025.1	230.0
Florida	14.45	97.0	160.7	912.3	1,754.1	250.6
East South Central	**19.04**	**68.1**	**164.3**	**495.2**	**818.4**	**243.4**
Kentucky	13.63	107.4	133.1	655.5	982.7	347.4
Tennessee	21 51	62.7	138.2	377.2	649.6	233.0
Alabama	23.95	48.9	234.8	539.3	863.5	196.6
Mississippi	13.68	35.2	154.7	360.2	815.7	135.8
West South Central	**12.75**	**52.0**	**114.2**	**509.3**	**1,227.0**	**216.1**
Arkansas	11.75	44.1	134.8	395.9	806.1	148.0
Louisiana	10.77	54.0	109.6	316.8	736.8	214.7
Oklahoma	6.10	39.7	46.0	483.2	1,232.7	173.7
Texas	15.52	55.8	133.4	599.5	1,451.5	237.1
Mountain	**4.89**	**72.2**	**48.8**	**620.0**	**1,751.5**	**262.4**
Montana	1.81	44.7	45.9	310.7	1,330.3	149.9
Idaho	2.60	32.4	34.4	541.9	1,968.4	262.8
Wyoming	3.99	63.8	61.1	433.3	1,513.9	259.2
Colorado	5.32	99.3	39.3	744.0	1,629.8	229.5
New Mexico	9.01	39.0	101.1	540.6	1,657.9	378.4
Arizona	9.45	109.6	99.5	721.8	2,476.6	487.5
Utah	1.43	40.7	21.0	551.8	1,729.6	213.3
Nevada	14.34	120.1	73.5	989.7	2,124.6	319.1
Pacific	**4.63**	**123.7**	**88.1**	**651.8**	**1,967.6**	**326.8**
Washington	3.20	86.2	21.8	677.3	1,930.7	355.7
Oregon	3 81	77.8	59.6	626.6	1,856.8	288.8
California	4.98	135.3	103.2	649.8	1,985.9	325.5

[1] Includes District of Columbia.

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, Uniform Crime Reports for the United States and Its Possessions.

No. 164.—Offenses Known, Offenses Cleared by Arrest, and Persons Found Guilty in 184 Cities of 25,000 and over: 1948

[Total population of cities covered was 19,493,822, based on 1940 census. Data are from reports in which it appeared that entries for persons found guilty represented final disposition of charges placed against persons arrested, as distinguished from disposition at the preliminary hearing of the accused]

Offense	Number of offenses— Known to police	Number of offenses— Cleared by arrest	Number of persons charged (held for prosecution)	Persons found guilty— Total Number	Persons found guilty— Total Percent of persons charged	Persons found guilty— Of offense charged	Persons found guilty— Of lesser offense
Total (part I classes)	**353,298**	**95,037**	**66,424**	**49,799**	**75.0**	**42,946**	**6,853**
Criminal homicide:							
Murder and nonnegligent manslaughter	1,242	1,084	1,072	620	57.8	453	167
Manslaughter by negligence	713	550	598	229	38.3	180	49
Rape	2,911	2,231	1,943	1,110	57.1	751	359
Robbery	16,619	6,722	4,813	3,511	72.9	2,536	975
Aggravated assault	15,016	11,230	9,134	5,920	64.8	4,300	1,620
Burglary—breaking or entering	81,449	23,343	12,142	9,508	78.3	7,804	1,704
Larceny—theft (except auto theft)	202,014	42,511	30,949	24,525	79.2	23,150	1,375
Auto theft	33,334	7,366	5,773	4,376	75.8	3,772	604
Total (part II classes) [1]	(2)	(2)	**5,751,926**	**4,436,326**	**77.1**	**4,404,805**	**31,521**
Other assaults	(2)	(2)	33,746	19,696	58.4	18,992	704
Forgery and counterfeiting	(2)	(2)	2,587	2,135	82.5	1,935	200
Embezzlement and fraud	(2)	(2)	5,464	3,171	58.0	2,842	329
Stolen property; buying, receiving, etc	(2)	(2)	1,530	853	55.8	773	80
Weapons; carrying, possessing, etc	(2)	(2)	6,637	5,354	80.7	5,210	144
Sex offenses (including prostitution and commercialized vice)	(2)	(2)	17,632	12,904	73.2	12,498	406
Offenses against the family and children	(2)	(2)	14,355	8,335	58.1	8,025	310
Narcotic drug laws	(2)	(2)	1,428	1,070	74.9	1,049	21
Liquor laws	(2)	(2)	9,504	7,716	81.2	7,592	124
Drunkenness; disorderly conduct; vagrancy	(2)	(2)	575,896	432,228	75.1	431,181	1,047
Gambling	(2)	(2)	36,812	22,823	62.0	22,734	89
Driving while intoxicated	(1)	(2)	25,803	21,805	84.5	19,621	2,184
Traffic and motor-vehicle laws [3]	(2)	(2)	4,960,190	3,855,759	77.7	3,830,842	24,917
All other offenses	(2)	(2)	60,342	42,477	70.4	41,511	966

[1] See footnote 3.
[2] Not available.
[3] Based on reports of 180 cities with a total population of 17,759,418.

Source: Department of Justice, Federal Bureau of Investigation; semiannual bulletin, Uniform Crime Reports for the United States and Its Possessions.

No. 165.—Arrests, by Age Groups: 1948

[Data from arrest records, evidenced by fingerprint cards received at F. B. I. during year, are limited to instances of arrests for violations of State laws and municipal ordinances. Excludes fingerprint cards representing arrests for violations of Federal laws or representing commitments to any type of penal institution. Data do not represent all persons arrested, as fingerprint cards are not forwarded to Washington for every individual taken into custody. Arrest records in lower age groups probably incomplete because of practice of some jurisdictions not to fingerprint youthful offenders]

Offense charged	Total, all ages	Age																	
		Under 15	15	16	17	18	19	20	21	22	23	24	25–29	30–34	35–39	40–44	45–49	50 and over	Not known
Total	**759,698**	**3,519**	**3,704**	**9,311**	**15,216**	**25,926**	**28,912**	**29,352**	**32,497**	**32,342**	**30,870**	**29,653**	**123,468**	**99,051**	**90,377**	**73,111**	**54,290**	**77,890**	**209**
Criminal homicide	6,703	20	26	63	99	152	223	241	291	285	292	296	1,177	963	836	554	482	702	1
Robbery	20,583	34	83	334	670	1,403	1,503	1,550	1,570	1,541	1,310	1,271	4,104	2,213	1,390	826	444	333	4
Assault	58,364	54	96	381	626	1,352	1,752	2,071	2,489	2,585	2,587	2,436	11,770	9,087	7,678	5,332	3,509	4,546	13
Burglary—breaking or entering	41,299	1,091	908	2,127	2,695	3,351	3,104	2,623	2,452	2,273	1,914	1,772	6,255	3,833	2,795	1,822	1,155	1,123	6
Larceny—theft	68,154	779	724	1,725	2,865	4,093	3,866	3,607	3,409	3,346	3,079	2,881	11,166	7,747	6,199	4,733	3,377	4,546	12
Auto theft	17,720	291	433	976	1,330	1,813	1,674	1,403	1,300	1,189	1,049	876	2,689	1,208	722	414	185	166	2
Embezzlement and fraud	20,246	11	27	62	149	334	443	508	618	672	816	823	3,878	3,312	2,859	2,094	1,591	2,048	1
Stolen property; buying, receiving, etc	3,350	8	14	49	67	136	142	123	145	141	157	146	529	472	437	291	200	293	------
Arson	986	10	4	20	24	28	32	34	48	30	37	47	122	130	105	117	57	141	------
Forgery and counterfeiting	9,314	22	38	99	168	286	413	417	408	461	437	502	1,936	1,304	1,015	730	527	549	2
Rape	9,517	37	40	261	435	703	827	707	695	617	489	438	1,634	922	636	374	255	446	1
Prostitution and commercialized vice	8,674	1	8	19	52	166	241	314	474	534	539	471	1,854	1,333	1,028	708	438	492	2
Other sex offenses	17,602	41	33	103	238	507	562	636	755	824	805	789	3,237	2,429	2,047	1,521	1,023	2,051	1
Narcotic drug laws	4,846	4	3	19	44	218	287	324	279	290	258	245	903	599	455	354	270	293	1
Weapons; carrying, possessing, etc	11,598	17	21	178	260	471	497	579	675	587	576	561	2,298	1,532	1,236	840	540	726	4
Offenses against family and children	14,410	2	5	10	41	135	225	301	498	543	625	653	3,023	2,859	2,408	1,510	831	740	1
Liquor laws	8,770	5	15	32	77	280	329	315	250	257	256	229	1,270	1,237	1,155	946	803	1,311	3
Driving while intoxicated	39,584	6	10	38	103	379	601	922	1,277	1,306	1,300	1,376	6,681	6,284	6,234	5,127	3,441	4,492	7
Road and driving laws	7,906	5	4	39	133	350	510	509	516	524	437	407	1,538	998	737	495	307	393	4
Parking violations	87	------	------	------	1	2	3	2	3	3	8	4	13	19	12	7	3	7	------
Other traffic and motor vehicle laws	8,064	12	13	46	140	381	481	462	541	491	456	450	1,504	1,037	715	527	352	455	1
Disorderly conduct	47,402	62	90	287	724	1,473	1,883	2,074	2,359	2,342	2,271	2,126	8,428	6,242	5,262	4,152	3,078	4,531	18
Drunkenness	181,863	35	48	202	581	1,766	2,722	3,305	4,440	4,457	4,645	4,694	23,230	24,054	27,181	26,198	21,324	32,937	44
Vagrancy	49,423	58	103	389	874	2,045	2,208	1,975	2,257	2,391	2,196	1,860	7,423	5,605	5,435	4,618	3,781	6,167	38
Gambling	17,561	4	10	40	56	152	189	225	364	418	449	475	2,503	2,927	2,974	2,460	1,805	2,508	2
Suspicion	45,135	278	322	767	1,464	2,257	2,327	2,334	2,495	2,377	2,143	2,073	7,769	5,789	4,612	3,179	2,258	2,680	11
Not stated	6,102	16	11	45	91	164	198	197	217	240	242	242	1,018	766	823	590	504	719	19
All other offenses	34,435	616	615	1,000	1,209	1,529	1,670	1,594	1,672	1,618	1,497	1,510	5,516	4,150	3,391	2,592	1,750	2,495	11

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, Uniform Crime Reports for the United States and Its Possessions.

No. 166.—U. S. Supreme Court—Cases Filed and Disposition During October Terms: 1940 to 1948

ACTION	1940	1944	1945	1946	1947	1948
Total cases:						
Filed	977	1,237	1,316	1,510	1,295	1,465
Disposed of	985	1,249	1,292	1,520	1,322	1,425
Remaining on docket	124	144	168	158	131	171
Original cases filed	4	2	1	-------	-------	2
Appeals filed	84	93	64	97	69	86
Petitions for certiorari (not in forma pauperis):						
Filed	769	803	727	731	647	687
Granted	174	176	155	148	97	144
Denied or dismissed	592	642	565	586	555	523
Petitions for certiorari in forma pauperis:						
Filed	120	339	393	528	426	447
Granted	19	10	15	8	17	18
Denied or dismissed	101	329	378	520	400	425
Motions for leave to file various writs:						
Filed	-------	-------	131	154	153	243
Granted	-------	-------	-------	-------	-------	2
Denied or dismissed	-------	-------	131	154	150	241
Method of disposition:						
By written opinions (number of cases)	195	199	170	190	143	147
Number of written opinions	165	156	134	142	110	114
By per curiam opinions	86	75	45	66	65	91
By final decree—original cases	1	-------	-------	-------	-------	1
By denial or dismissal of certiorari	693	971	943	1,106	955	948
By denial or withdrawal of motions to file various writs	-------	-------	131	154	150	235
By motion to dismiss or per stipulation	10	4	3	4	9	3

Source: Administrative Office of the U. S. Courts, Annual Report of the Director.

No. 167.—U. S. Courts of Appeals—Cases Filed, Years Ending June 30: 1940 to 1949

CASES	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
Total cases [1]	**3,505**	**3,213**	**3,228**	**3,093**	**3,072**	**2,730**	**2,627**	**2,615**	**2,758**	**2,989**
Appeals from courts	2,561	2,404	2,369	2,226	2,298	2,168	2,188	2,195	2,314	2,455
Administrative appeals, total	800	803	835	826	717	511	418	400	381	491
Federal Trade Commission	23	23	47	26	51	26	4	8	9	6
National Labor Relations Board	306	248	248	275	183	108	107	124	63	172
The Tax Court of the United States	414	462	479	469	447	331	267	216	244	233
Other administrative appeals	57	70	61	56	36	46	40	52	65	80

[1] Includes some miscellaneous original proceedings which are neither appeals from courts nor administrative appeals.

Source: Administrative Office of the U. S. Courts, Annual Report of the Director.

No. 168.—U. S. District Courts—Trials Begun During Years Ending June 30: 1945 to 1949

[For purposes of this table, a trial was defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence was introduced and final judgment sought]

TYPE OF TRIAL	1945	1946	1947	1948	1949
Total	**9,779**	**9,030**	**8,818**	**8,905**	**9,282**
Civil trials, total	5,265	5,220	5,850	6,156	6,426
Court	3,561	3,633	3,989	4,204	4,149
Jury	1,704	1,587	1,861	1,952	2,277
Criminal trials, total	4,514	3,810	2,968	2,749	2,856
Court	1,503	1,250	1,112	892	997
Jury	3,011	2,560	1,856	1,857	1,859

Source: Administrative Office of the U. S. Courts, Annual Report of the Director.

No. 169.—Civil Cases Filed in 84 U. S. District Courts, Years Ending June 30: 1941 to 1949

TYPE OF CASE	1941	1944	1945	1946	1947	1948 [1]	1949 [1]
Total	**28,909**	**29,742**	**52,144**	**57,512**	**48,809**	**36,830**	**43,351**
U. S. cases, total	**14,544**	**19,849**	**42,087**	**44,931**	**29,159**	**15,845**	**21,396**
U. S. plaintiff:							
Land condemnation	1,783	2,677	1,253	504	509	544	746
Price control, rationing, and rent control (OPA-OHE)		6,524	28,283	31,094	15,169	3,566	6,624
Forfeiture: Food and drug	2,265	2,247	3,415	3,210	2,382	1,281	2,077
Negotiable instruments	3,206	1,793	1,639	1,909	2,235	2,031	2,562
Other	5,402	3,633	3,806	3,253	3,416	3,594	4,918
U. S. defendant:							
Habeas corpus (not including deportations)	318	524	475	379	393	508	481
Admiralty	36	744	2,016	2,980	2,939	1,301	730
Tax suits	779	510	462	421	444	503	622
Federal Tort Claims Act					654	1,475	1,212
Other	755	1,197	738	1,181	1,018	1,042	1,424
Private cases, total	**14,365**	**9,893**	**10,057**	**12,581**	**19,650**	**20,985**	**21,955**
Federal question	5,427	3,473	3,563	5,085	9,298	6,958	6,543
Antitrust laws	110	49	26	61	62	76	159
Copyright	560	144	133	146	174	246	128
Patent	953	225	226	299	370	476	560
Trade-mark	173	85	91	107	154	157	157
Employers' Liability Act	100	321	412	661	799	1,038	942
Fair Labor Standards Act	816	618	597	1,075	[2] 3,482	796	277
Habeas corpus	127	605	536	492	485	543	584
Jones Act	949	438	384	451	1,607	1,574	1,620
OPA (private)		271	384	948	1,094	958	1,042
Other	1,639	717	774	845	1,071	1,094	1,074
Diversity of citizenship	7,286	5,233	5,268	6,242	8,586	10,818	12,347
Contract	2,685	2,182	2,141	2,462	3,257	4,149	4,531
Tort	3,631	2,712	2,763	3,414	4,854	6,114	7,051
Other	970	339	364	366	475	555	765
Admiralty	1,652	1,187	1,226	1,254	1,766	3,209	3,065

[1] Includes data for Hawaii and Puerto Rico (2 districts), not included in prior years.
[2] Includes 2,236 "portal to portal" cases.

Source: Administrative Office of the U. S. Courts, Annual Report of the Director.

No. 170.—Civil Cases Terminated in 86 U. S. District Courts, by Type of Disposition, Basis of Jurisdiction, and Nature of Suit: Year Ending June 30, 1949

[Excludes data for land condemnation cases]

Basis of jurisdiction and nature of suit	Total	Judgment without contest or by consent					Contested judgment			
		Dismissed for want of prosecution	Default judgment	Consent judgment	Consent dismissal	Other disposition	Judgment by decision of court before trial	Judgment after court trial	Judgment by court during jury trial	Judgment on jury verdict
Total cases	**37,991**	**1,629**	**4,844**	**6,082**	**16,539**	**707**	**3,632**	**3,231**	**172**	**1,155**
United States cases	18,819	688	4,536	4,016	5,591	109	1,857	1,916	19	87
Private cases	19,172	941	308	2,066	10,948	598	1,775	1,315	153	1,068
United States plaintiff	14,498	482	4,533	3,665	3,533	46	1,016	1,147	15	61
Enforcement of Federal statutes:										
Rent control—OHE	6,156	423	606	2,050	1,839	7	428	776	7	20
Fair Labor Standards Act	322	1	3	237	43	-------	18	20	-------	-------
Other enforcement suits	494	6	169	152	53	5	59	50	-------	-------
Forfeitures:										
Food and drug	1,968	2	1,175	519	101	10	144	15	-------	2
Liquor	515	-------	173	83	41	6	62	121	3	26
Other forfeitures	479	2	292	55	51	4	30	42	1	2
Contract actions:										
Negotiable instruments	2,344	19	1,521	119	622	4	30	24	2	3
Other contracts	887	7	363	40	356	3	85	30	1	2
Other U. S. plaintiff	1,333	22	231	410	427	7	160	69	1	6
United States defendant	4,321	206	3	351	2,058	63	841	769	4	26
Habeas corpus	748	15	-------	1	153	1	418	160	-------	-------
Tort Claims Act	735	5	-------	115	304	27	41	239	3	1
Tax suits	448	3	-------	10	270	12	35	110	-------	8
Other U. S. defendant	2,390	183	3	225	1,331	23	347	260	1	17
Federal question	6,677	456	80	555	3,625	89	1,085	551	20	216
Copyright	144	9	5	20	87	1	6	16	-------	-------
Employers' Liability Act	858	18	1	45	599	2	62	9	2	120
Fair Labor Standards Act	1,193	116	2	183	590	9	212	75	2	4
Habeas corpus	610	4	-------	-------	80	3	472	51	-------	-------
Jones Act	1,212	135	3	42	930	8	23	9	4	58
Miller Act	85	-------	1	13	46	1	3	19	1	1
Patent	374	17	6	81	144	5	30	88	1	2
Other Federal question	2,201	157	62	171	1,149	60	277	284	10	31
Diversity of citizenship	10,211	362	146	1,388	5,638	474	598	623	132	850
Contracts:										
Insurance	1,699	20	9	725	502	83	138	99	18	105
Other contracts	2,123	114	105	141	1,189	54	150	254	20	96
Real property	608	20	14	50	284	49	64	93	7	27
Torts:										
Personal injury, motor vehicle	2,926	78	9	261	1,912	159	78	70	25	334
Personal injury, other negligence	2,298	110	2	148	1,479	86	96	60	54	263
Other diversity	557	20	7	63	272	43	72	47	8	25
Admiralty	2,284	123	82	123	1,685	35	92	141	1	2

Source: Administrative Office of U. S. Courts, Annual Report of the Director.

No. 171.—Criminal Proceedings Commenced in U. S. District Courts, by Major Offense Groups: Years Ending June 30, 1947, 1948, and 1949

[Figures for defendants are smaller in some instances than corresponding figures for cases, because defendants appearing in more than one case have been counted only once]

Nature of proceeding and offense	1947		1948		1949	
	Cases	Defendants	Cases	Defendants	Cases	Defendants
Total	**33,652**	**39,692**	**32,097**	**37,157**	**34,432**	**39,828**
Proceeding commenced by:						
Indictment	16,297	20,302	15,716	19,204	16,318	20,457
Information—indictment waived	6,726	7,436	6,549	7,215	6,228	6,756
Information—other	10,498	11,816	9,744	10,607	11,803	12,533
All other proceedings	131	138	88	131	83	82
Offense:						
Transportation, etc., of stolen motor vehicles [1]	3,286	4,012	3,204	3,849	2,845	3,439
Larceny, fraud, and other theft [2]	7,462	8,666	8,519	9,416	8,894	9,745
White slave traffic	249	287	266	295	193	219
May Act	35	33	19	19	-------	-------
Narcotics	1,811	2,078	1,529	1,766	1,595	1,834

See footnotes at end of table.

No. 171.—Criminal Proceedings Commenced in U. S. District Courts, by Major Offense Groups: Years Ending June 30, 1947, 1948, and 1949—Con.

NATURE OF PROCEEDING AND OFFENSE	1947		1948		1949	
	Cases	Defendants	Cases	Defendants	Cases	Defendants
Offense—Continued						
Liquor, Internal Revenue	3,079	4,911	3,011	4,735	3,410	5,291
Other liquor	609	691	396	423	338	367
Antitrust violations	11	121	18	288	27	378
Food and Drug Act	467	756	429	679	356	576
Immigration laws	7,043	7,056	7,861	7,896	9,863	9,971
Impersonation of Federal officer	208	203	198	195	182	185
Juvenile delinquency	1,277	1,558	1,010	1,202	868	1,033
Migratory bird laws	621	685	501	581	745	828
Motor Carrier Act	383	441	421	483	439	490
War offenses:						
Selective Service Act, 1940	1,196	1,188	472	470	185	186
Selective Service Act, 1948					160	169
OPA-OHE—Price and rent control	1,465	2,040	234	426	33	62
Illegal use of uniform	342	329	175	171	153	149
Other war offenses [3]	52	70	30	52	66	99
All other U. S. offenses	1,898	2,409	1,742	2,132	1,786	2,210
Offenses: local,[4] on U. S. reservations and high seas:						
Robbery	266	236	230	241	216	255
Assault	275	294	266	275	384	396
Burglary	433	381	393	339	409	482
Larceny	399	419	395	420	420	459
Rape and other sex offenses	124	126	149	159	182	198
All other local, etc., offenses	661	702	629	645	683	807

[1] Formerly "National Motor Vehicle Theft Act."
[2] Includes burglary, embezzlement, forgery, theft, etc., interstate commerce (formerly Car Seal Act) and transportation, etc., of stolen property (formerly National Stolen Property Act).
[3] Includes treason, espionage, sabotage, sedition, and other offenses directly associated with the war.
[4] District of Columbia, Alaska, Canal Zone, and Virgin Islands.

Source: Administrative Office of the U. S. Courts, Annual Report of the Director.

No. 172.—Criminal Defendants Disposed of in 86 U. S. District Courts, by Major Offense Groups: Year Ending June 30, 1949

[Excludes district courts in D. C., Alaska, Canal Zone and Virgin Islands]

NATURE OF OFFENSE	Total	NOT CONVICTED			CONVICTED AND SENTENCED			TYPE OF SENTENCE		
		Total	Dismissed	Acquitted	Total	Pleas of guilty or nolo	Convicted	Imprisonment	Probation and suspended sentence	Fine only
Total (excluding juvenile delinquency) [1]	**36,264**	**4,190**	**3,280**	**910**	**32,074**	**30,447**	**1,627**	**14,204**	**14,690**	**3,180**
Transportation, etc., of stolen motor vehicles [2]	3,404	334	267	67	3,070	2,950	120	2,292	776	2
Larceny, fraud, and other theft [3]	9,153	1,122	871	251	8,031	7,624	407	3,469	4,027	535
White slave traffic	229	58	37	21	171	127	44	137	33	1
Narcotics	1,806	208	148	60	1,598	1,404	194	1,187	398	13
Liquor, Internal Revenue	5,131	806	535	271	4,325	3,825	500	1,748	2,338	239
Other liquor	366	53	45	8	313	298	15	126	152	35
Antitrust violations	654	368	356	12	286	265	21			286
Food and Drug Act	607	108	94	14	499	483	16	9	56	434
Immigration laws	9,917	148	135	13	9,769	9,743	26	3,825	5,919	25
Impersonation Federal officer	183	29	18	11	154	146	8	98	53	3
Migratory bird laws	849	97	57	40	752	737	15	21	19	712
Motor Carrier Act	486	38	33	5	448	446	2		30	418
War offenses:										
Selective Service Act, 1940	388	201	191	10	187	174	13	141	40	6
Selective Service Act, 1948	118	13	11	2	105	89	16	72	33	
OPA-OHE—Price and rent control	241	146	138	8	95	82	13	11	25	59
Illegal use of uniform	155	13	11	2	142	141	1	66	67	9
Other war offenses [4]	73	13	10	3	60	49	11	11	26	23
All other U. S. offenses	2,064	370	283	87	1,694	1,527	167	784	551	359
Offenses committed on U. S. reservations and high seas	440	65	40	25	375	337	38	207	147	21
Juvenile delinquency	1,054	55	52	3	999		999	526	471	2

[1] Juvenile delinquency cases excluded from totals because proceedings differ in nature from ordinary court trial and because Attorney General has power to designate any public or private agency for custody of juvenile during period for which he is committed.
[2] Formerly "National Motor Vehicle Theft Act."
[3] See footnote 2, table 171.
[4] See footnote 3, table 171.

Source: Administrative Office of the U. S. Courts, Annual Report of the Director.

No. 173.—Sentenced Federal Prisoners Received From Courts, by Offense: Years Ending June 30, 1937 to 1949

OFFENSE	1937	1940	1944	1945	1946	1947	1948	1949
Total	**24,202**	**23,003**	**19,216**	**21,200**	**20,112**	**19,626**	**16,787**	**16,733**
Counterfeiting and forgery	1,486	1,589	536	673	891	1,083	1,018	1,204
Embezzlement and fraud	510	750	452	340	350	396	531	582
Immigration	2,802	2,270	2,674	3,996	3,629	3,989	3,200	3,525
Juvenile Delinquency Act	-------	216	834	911	1,221	870	677	607
Kidnaping	44	37	31	20	21	32	36	23
Liquor laws	12,238	10,735	2,635	2,988	2,425	1,996	1,838	2,035
National Bank and Federal Reserve Act	120	157	67	51	69	50	141	90
Narcotic-drug laws	1,866	2,250	1,306	1,134	1,261	1,447	1,443	1,503
National Motor Vehicle Theft Act	1,312	1,512	1,079	1,072	1,997	2,740	2,612	2,471
Theft from interstate commerce	308	313	362	475	448	524	430	378
White Slave Traffic Act	370	378	255	209	157	183	221	160
Government reservation, D. C., high seas, and territorial cases	1,033	1,021	991	986	873	974	1,069	1,055
Other	2,083	1,719	1,392	1,757	1,965	1,867	1,898	2,012
National-security offenses	30	56	6,602	6,588	4,805	3,475	1,673	1,088
Selective Service Act of 1940	-------	-------	3,930	2,613	1,446	833	236	152
Selective Service Act of 1948	-------	-------	-------	-------	-------	-------	-------	74
Other national-defense and security laws [1]	-------	11	1,710	2,150	1,143	578	319	182
Military court-martial cases:								
Army	30	45	954	1,793	2,176	2,014	851	592
Navy	-------	-------	8	32	40	50	267	88

[1] Commitments under national defense and security laws in effect prior to 1940 not classified separately.

Source: Department of Justice, Bureau of Prisons; annual report, Federal Prisons, 1949.

No. 174.—Sentenced Federal Prisoners Received and Discharged, and Populations, by Class of Institution: Year Ending June 30, 1949

MOVEMENT OF PRISON POPULATIONS	ALL INSTITUTIONS			FEDERAL INSTITUTIONS				Non-Federal institutions (State, county, etc.)	
				Bureau of Prisons		Public Health Service hospitals			
	Total	Male	Female	Male	Female	Male	Female	Male	Female
Population, beginning of year	19,025	18,475	550	16,837	442	675	27	963	81
Grand total received	**21,214**	**20,494**	**720**	**16,082**	**404**	**590**	**29**	**3,822**	**287**
Received except transfers	18,439	17,723	716	13,343	403	558	26	3,822	287
From courts	16,733	16,061	672	11,859	367	487	25	3,715	280
Parole violaters returned	776	751	25	715	22	13	1	23	2
Conditional-release violaters returned	736	728	8	639	4	51	-------	38	4
Escaped prisoners returned	162	151	11	130	10	7	-------	14	1
Other	32	32	-------	-------	-------	-------	-------	32	-------
Transferred from other institutions [1]	2,775	2,771	4	2,739	1	32	3	-------	-------
Grand total discharged	**21,708**	**21,026**	**682**	**16,528**	**411**	**659**	**25**	**3,839**	**246**
Discharged, except transfers	18,929	18,251	678	13,834	407	587	25	3,830	246
Sentence expired	7,996	7,714	282	5,093	65	89	11	2,532	206
Conditionally released	5,239	5,012	227	4,518	215	405	8	89	4
Paroled	3,931	3,809	122	3,686	112	65	5	58	5
Died [2]	60	57	3	40	2	7	1	10	-------
Escaped	91	81	10	64	10	10	-------	7	-------
Ran away [3]	62	61	1	53	-------	-------	-------	8	1
Other	1,550	1,517	33	380	3	11	-------	1,126	30
Transferred to other institutions [1]	2,779	2,775	4	2,694	4	72	-------	9	-------
Population, end of year	18,531	17,943	588	16,391	435	606	31	946	122

[1] Transfers to and from non-Federal institutions tabulated only when a Federal institution is involved.
[2] Four by execution.
[3] "Run-away" used in connection with offenders committed to institutions for juveniles and to private social agencies.

Source: Department of Justice, Bureau of Prisons; annual report, Federal Prisons, 1949.

No. 175.—Movement of Prisoners in State and Federal Prisons and Reformatories, by Sex: 1946 and 1947

[Includes adjustments and estimates for several Southern States]

ITEM	1946			1947		
	Total	Male	Female	Total	Male	Female
Prisoners present at beginning of year	134,852	128,585	6,267	141,340	135,114	6,226
Admissions during year	**78,518**	**73,262**	**5,256**	**84,568**	**79,165**	**5,403**
Received from courts	64,044	59,876	4,168	68,281	64,060	4,221
Parole violators returned	7,324	6,807	517	8,263	7,720	543
Escaped prisoners returned	2,494	2,364	130	2,254	2,135	119
Other admissions	4,656	4,215	441	5,770	5,250	520
Transferred from other institutions	16,355	16,028	327	20,106	19,761	345
Discharges during year	**71,210**	**65,941**	**5,269**	**73,216**	**68,415**	**4,801**
Sentence expired	20,778	19,185	1,593	24,086	22,606	1,480
Pardoned	94	90	4	49	45	4
Sentence commuted	603	524	79	828	658	170
Paroled	29,933	27,626	2,307	29,129	27,187	1,942
Conditionally pardoned	671	651	20	238	228	10
Other conditional release	8,161	7,612	549	7,422	7,044	378
Escaped	2,874	2,745	129	2,361	2,243	118
Executed	71	71		88	88	
Died	821	802	19	825	804	21
Other discharges	7,204	6,635	569	8,190	7,512	678
Transferred to other institutions	17,111	16,759	352	20,234	19,649	585
Prisoners present at end of year	141,404	135,175	6,229	152,564	145,976	6,588

Source: Department of Commerce, Bureau of the Census; annual report, Prisoners in State and Federal Prisons and Reformatories, and Current Population Reports, Series P80, No. 15

No. 176.—State and Federal Prisons and Reformatories—Felony Prisoners Received From Courts, by Selected Offenses: 1938 to 1946

[Excludes statistics for State institutions as follows: Georgia, 1938 to 1945; Mississippi, 1940 to 1946; Michigan, 1942 to 1945; Alabama, 1938 and 1939; and Pennsylvania, 1941]

OFFENSE	1938	1939	1940	1941	1942	1943	1944	1945	1946
Number of institutions reporting	124	126	151	146	146	150	147	150	151
NUMBER									
Total	**64,265**	**62,000**	**62,692**	**56,023**	**47,761**	**40,273**	**41,058**	**43,281**	**56,432**
Criminal homicide	3,648	3,297	3,233	3,355	3,008	2,648	2,362	2,510	3,712
Robbery	6,082	5,646	5,342	4,356	3,848	3,392	3,058	3,550	5,207
Aggravated assault	3,255	3,234	3,286	3,074	2,818	2,333	2,198	2,558	3,538
Burglary	13,068	12,669	12,236	9,772	7,434	6,358	6,393	7,263	10,150
Larceny, except auto theft	11,503	10,975	10,682	9,082	8,193	6,579	6,988	7,542	9,693
Auto theft	3,632	3,156	3,506	3,688	3,179	2,375	2,744	3,152	5,219
Rape	1,954	2,030	1,867	1,790	1,719	1,687	1,583	1,868	2,327
All other offenses	21,123	20,993	22,540	20,906	17,562	14,901	15,732	14,838	16,586
PERCENT DISTRIBUTION									
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Criminal homicide	5.7	5.3	5.2	6.0	6.3	6.6	5.8	5.8	6.6
Robbery	9.5	9.1	8.5	7.8	8.1	8.4	7.4	8.2	9.2
Aggravated assault	5.1	5.2	5.2	5.5	5.9	5.8	5.4	5.9	6.3
Burglary	20.3	20.4	19.5	17.4	15.6	15.8	15.6	16.8	18.0
Larceny, except auto theft	17.9	17.7	17.0	16.2	17.2	16.3	17.0	17.4	17.2
Auto theft	5.7	5.1	5.6	6.6	6.7	5.9	6.7	7.3	9.2
Rape	3.0	3.3	3.0	3.2	3.6	4.2	3.9	4.3	4.1
All other offenses	32.9	33.9	36.0	37.3	36.8	37.0	38.3	34.3	29.4

Source: Department of Commerce, Bureau of the Census; annual report, Prisoners in State and Federal Prisons and Reformatories.

No. 177.—State and Federal Prisons and Reformatories—Prisoners Present January 1 and Received from Courts During Year: 1944 to 1947

[Includes adjustments and estimates for several Southern States]

Division and State	Prisoners present Jan. 1				Prisoners received from courts			
	1944	1945	1946	1947	1944	1945	1946	1947
United States	**138,707**	**134,225**	**134,852**	**141,340**	**53,984**	**56,444**	**64,044**	**68,281**
Federal institutions [1]	16,113	18,139	18,638	17,622	14,047	14,171	14,950	12,948
State institutions	**122,594**	**116,086**	**116,214**	**123,718**	**39,937**	**42,273**	**49,094**	**55,333**
New England:								
Maine	440	484	576	570	295	346	337	325
New Hampshire	207	210	206	237	60	80	101	105
Vermont	233	214	228	255	123	151	189	201
Massachusetts	2,646	2,536	2,660	2,374	910	977	885	997
Rhode Island	371	331	346	365	264	244	256	304
Connecticut	1,175	1,115	1,023	1,045	526	549	504	531
Middle Atlantic:								
New York	13,399	13,221	12,790	12,995	2,646	2,588	3,150	3,772
New Jersey	2,972	3,041	3,227	3,541	1,241	1,398	1,525	1,694
Pennsylvania	6,682	6,621	6,551	6,586	1,824	1,764	1,857	1,978
East North Central:								
Ohio	7,008	6,672	6,735	7,264	1,914	2,196	2,409	2,588
Indiana	3,293	3,034	3,112	3,439	885	935	1,101	1,257
Illinois	8,631	7,766	7,263	7,478	993	1,478	1,741	1,934
Michigan	7,447	7,506	7,444	7,829	2,209	2,352	2,742	2,677
Wisconsin	1,918	1,582	1,572	1,750	2,970	2,257	1,999	2,924
West North Central:								
Minnesota	1,769	1,618	1,544	1,586	378	429	504	560
Iowa	1,785	1,677	1,673	1,695	454	503	482	581
Missouri	3,040	2,758	2,749	2,922	828	877	1,036	1,257
North Dakota	216	203	210	240	85	102	137	130
South Dakota	237	210	232	300	83	98	193	245
Nebraska	678	605	695	836	323	389	508	535
Kansas	1,539	1,383	1,302	1,267	371	420	429	508
South Atlantic:								
Delaware	130	130	153	169	96	111	136	140
Maryland	2,577	2,832	2,885	3,481	2,371	2,169	2,869	2,817
Dist. of Columbia	1,345	1,205	1,126	1,115	442	435	514	450
Virginia	3,841	3,870	3,853	3,937	1,256	1,267	1,527	1,572
West Virginia	2,431	2,208	2,044	2,178	296	329	547	644
North Carolina	3,937	3,832	3,713	3,789	929	925	1,142	1,222
South Carolina	1,082	966	936	1,048	282	367	456	543
Georgia	4,612	4,260	5,035	5,436	3,021	3,413	3,575	3,782
Florida	2,521	2,415	2,525	2,952	749	896	1,222	1,511
East South Central:								
Kentucky	3,155	2,490	2,248	2,234	744	799	1,077	1,204
Tennessee	2,523	2,364	2,232	2,380	554	624	827	924
Alabama	4,400	3,830	3,646	3,948	1,750	1,660	1,916	2,508
Mississippi	2,445	2,114	1,896	1,851	377	397	497	643
West South Central:								
Arkansas	1,425	1,100	1,140	1,252	416	514	574	664
Louisiana	2,584	2,230	2,075	2,220	605	778	900	923
Oklahoma	2,268	1,897	1,909	2,122	693	796	944	1,048
Texas	3,644	3,394	3,291	4,246	1,611	1,625	2,212	2,588
Mountain:								
Montana	353	342	342	361	150	161	211	287
Idaho	148	201	194	257	107	107	180	195
Wyoming	276	265	278	323	113	151	198	191
Colorado	1,300	1,174	1,211	1,331	443	549	718	756
New Mexico	506	476	524	607	193	280	349	333
Arizona	603	603	645	784	282	328	447	524
Utah	264	272	342	409	103	162	167	203
Nevada	237	221	221	278	118	152	239	228
Pacific:								
Washington	1,778	2,033	2,002	1,957	687	670	767	918
Oregon	794	865	982	1,106	354	441	486	578
California	5,729	5,710	6,628	7,373	1,813	2,034	2,312	2,834

[1] Not included in State figures.

Source: Department of Commerce, Bureau of the Census: annual report, Prisoners in State and Federal Prisons and Reformatories, and Current Population Reports, Series P80, No. 15.

No. 178.—State and Federal Prisons and Reformatories—Felony Prisoners Received from Courts, by Type of Institution, and Sex, by Offense: 1946

Offense	All institutions			Federal institutions			State institutions[1]		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All offenses	**56,432**	**53,543**	**2,889**	**12,753**	**12,303**	**450**	**43,679**	**41,240**	**2,439**
Murder	1,979	1,837	142	221	220	1	1,758	1,617	141
Manslaughter	1,733	1,501	232	167	167	----	1,566	1,334	232
Robbery	5,207	5,109	98	346	345	1	4,861	4,764	97
Aggravated assault	3,538	3,358	180	429	429	----	3,109	2,929	180
Burglary	10,150	10,017	133	225	225	----	9,925	9,792	133
Larceny, except auto theft	9,693	9,044	649	1,658	1,600	58	8,035	7,444	591
Auto theft	5,219	5,151	68	2,504	2,459	45	2,715	2,692	23
Embezzlement and fraud	1,518	1,436	82	550	529	21	968	907	61
Stolen property	514	482	32	164	157	7	350	325	25
Forgery	4,008	3,682	326	836	722	114	3,172	2,960	212
Rape	2,327	2,327	----	488	488	----	1,839	1,839	----
Commercialized vice	215	189	26	133	125	8	82	64	18
Other sex offenses	1,392	1,249	143	64	64	----	1,328	1,185	143
Violating drug laws	1,391	1,246	145	1,172	1,063	109	219	183	36
Carrying and possessing weapons	406	397	9	25	25	----	381	372	9
Nonsupport or neglect	936	726	210	----	----	----	936	726	210
Violating liquor laws	1,891	1,840	51	1,549	1,530	19	342	310	32
Violating traffic laws	193	187	6	----	----	----	193	187	6
Violating National Defense laws	1,173	1,130	43	1,168	1,125	43	5	5	----
Other offenses	2,949	2,635	314	1,054	1,030	24	1,895	1,605	290

[1] Includes statistics covering year ending May 31 for Pennsylvania, and for Georgia, for year ending March 31, 1947, adjusted to a calendar year basis; excludes statistics for Mississippi.

Source: Department of Commerce, Bureau of the Census; annual report, Prisoners in State and Federal Prisons and Reformatories.

No. 179.—State and Federal Prisons and Reformatories—Felony Prisoners Received From Courts, by Color, Nativity, Age, and Sex: 1944, 1945, and 1946

Color, nativity, and age	1944[1]	1945[1]	1946[2]		
			Total	Male	Female
Total	**41,058**	**43,281**	**56,432**	**53,543**	**2,889**
Color and nativity:					
White	28,280	29,539	37,146	35,432	1,714
Native[3]	26,584	27,825	35,333	33,680	1,653
Foreign-born	1,696	1,714	1,813	1,752	61
Negro	12,165	13,207	18,655	17,505	1,150
All other	613	535	631	606	25
Age:					
Under 15 years	31	39	36	34	2
15 to 17	2,680	2,757	3,016	2,891	125
18	2,303	2,544	3,040	2,907	133
19	2,425	2,352	3,133	2,950	183
20	2,337	2,395	3,156	2,967	189
21 to 24	7,999	8,722	12,459	11,800	659
25 to 29	6,887	7,506	10,365	9,830	534
30 to 34	5,418	5,389	7,113	6,768	345
35 to 39	4,087	4,067	5,272	4,962	310
40 to 44	2,768	2,990	3,524	3,342	182
45 to 49	1,756	1,966	2,403	2,281	122
50 to 54	1,090	1,245	1,358	1,303	55
55 to 59	622	666	776	751	25
60 to 64	364	338	399	389	10
65 and over	291	305	383	368	15

[1] Excludes statistics for State institutions in Michigan, Georgia, and Mississippi.
[2] Includes statistics covering year ending May 31 for Pennsylvania, and for Georgia, statistics for year ending March 31, 1947, adjusted to a calendar year basis; excludes statistics for Mississippi.
[3] Includes white, unknown nativity.

Source: Department of Commerce, Bureau of the Census; annual report, Prisoners in State and Federal Prisons and Reformatories.

6. Climate

Climatological data are gathered by the United States Weather Bureau at about 10,000 stations. Of this number nearly 3,000 stations have autographic precipitation records, about 600 take automatic or hourly readings of a series of weather elements, and the remainder record one observation a day. There are few records in existence for stations before 1871, although some earlier and less detailed records began in the 18th century. Data shown in these tables include long-time averages and extremes of the several elements for the vicinities indicated. Where the station has moved, but not out of the general vicinity, the data represent combined values for both the previous and the new locations.

The following tables contain data from a list of cities selected to give a general representation of the climate over the United States. The averages represent the arithmetic means of the period of record at the station. Relative humidity averages are based on 3 to 4 daily observations. The number of degree days as used in table 185 is the average monthly sum of the differences between 65° and the daily mean temperatures below 65°, i. e. (65°–T°). Experience has shown that, in order to heat buildings to a temperature of approximately 70°, the amount of fuel or heat used per day is proportional to the number of degrees the average outside temperature falls below 65°. The degree-day value is based on this assumption.

No. 180.—Ground Elevation of Stations in Selected Cities

STATION		Ground elevation (feet)	STATION		Ground elevation (feet)
Alabama	Mobile	10	New Jersey	Atlantic City	8
	Montgomery	201	New Mexico	Albuquerque	5,314
Arizona	Phoenix	1,083	New York	Albany	277
Arkansas	Little Rock	257		New York	10
California	Fresno	277		Rochester	543
	Los Angeles	312	North Carolina	Asheville	2,192
	San Francisco	52		Raleigh	400
Colorado	Denver	5,221	North Dakota	Bismarck	1,670
District of Columbia	Washington	72	Ohio	Cleveland	787
Florida	Jacksonville	18	Oklahoma	Oklahoma City	1,254
	Miami	11	Oregon	Portland	30
Georgia	Atlanta	1,054	Pennsylvania	Harrisburg	351
Idaho	Boise	2,858		Pittsburgh	1,286
Illinois	Chicago	611	South Carolina	Charleston	43
Indiana	Indianapolis	793	South Dakota	Huron	1,282
Iowa	Des Moines	800	Tennessee	Nashville	485
Kansas	Wichita	1,380	Texas	Amarillo	3,590
Kentucky	Louisville	459		El Paso	3,920
Louisiana	New Orleans	8		Fort Worth	688
Maine	Eastport	32		Houston	51
Massachusetts	Boston	15	Utah	Salt Lake City	4,222
Michigan	Detroit	619	Vermont	Burlington	331
	Sault Ste. Marie	721	Virginia	Norfolk	11
Minnesota	Minneapolis	830		Richmond	162
Mississippi	Vicksburg	234	Washington	Seattle	14
Missouri	Kansas City	908		Spokane	1,954
	St. Louis	465	West Virginia	Parkersburg	615
Montana	Helena	3,893	Wisconsin	Madison	938
	Miles City	2,629	Wyoming	Cheyenne	6,139
Nebraska	North Platte	2,805	Alaska	Juneau	72
	Omaha	978	Hawaii	Honolulu	12
Nevada	Winnemucca	4,269	Puerto Rico	San Juan	50

Source: Department of Commerce, Weather Bureau; records.

No. 181.—Mean Temperatures

[Average of daily maximum and minimum temperatures; for period of record through 1947]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	75	51.8	54.5	60.3	66.8	74.0	80.3	81.8	81.5	78.3	68.8	59.2	52.9	67.5
	Montgomery	76	49.0	51.4	58.1	65.4	73.2	80.0	81.6	80.9	76.9	66.6	56.2	49.6	65.6
Ariz.	Phoenix	52	51.9	55.8	60.8	67.8	75.8	85.1	90.4	88.7	83.4	71.4	60.0	52.6	70.3
Ark.	Little Rock	67	42.0	44.9	53.4	62.5	70.0	78.0	81.2	80 3	74.6	63.8	52.2	44.0	62.2
Calif.	Fresno	60	46.1	51.4	55.5	61.1	67.7	75.3	82.0	80.4	73.8	64.8	54.6	46.8	63.3
	Los Angeles	70	55.6	56.3	58.1	60.2	62.7	66.5	70.6	71.4	69.8	65.8	61.9	57.3	63.0
	San Francisco	72	50.1	52.7	54.3	55.7	57.0	58.9	58.9	59.3	61.6	60.8	56.8	51.5	56.5
Colo.	Denver	76	30.8	32.9	39.3	47.7	56.7	66.8	72.5	71.4	62.9	51.6	40.1	32.7	50.4
D. C.	Washington	76	34.5	35.5	43.7	53.8	64.5	73.0	77.1	75.0	68.8	57.4	46.1	36.8	55.5
Fla.	Jacksonville	74	56.0	57.7	63.0	68.7	75.0	80.0	81.8	81.5	78.6	70.8	62.4	56.5	69.3
	Miami	51	67.8	68.0	71.0	73.9	77.4	80.3	81.7	82.1	81.0	77.6	72.5	68.8	75.2
Ga.	Atlanta	68	43.4	45.6	53.6	61.0	69.5	76.4	78.5	77.6	73.3	62.7	61.9	44.6	62.3
Idaho	Boise	[1] 64	29.4	34.9	42.8	50.6	57.9	65.6	73.8	72.2	62.0	51.8	40.5	32.2	51.1
Ill.	Chicago	75	25.0	26.8	36.2	47.1	57.5	67.4	73.3	72.0	65.4	54.0	40.1	29.2	49.5
Ind.	Indianapolis	76	29.0	31.1	40.7	52.2	62.9	72.2	76.4	74.2	67.4	55.8	42.4	32.4	53.0
Iowa.	Des Moines	68	21.2	24.7	37.0	50.6	61.6	69.9	76.1	73.6	65.6	53.8	38.7	26.3	49.9
Kans.	Wichita	59	32.2	35.1	45.2	56.3	65.0	74.9	80.1	79.4	71.4	59.6	45.4	35.2	56.6
Ky.	Louisville	75	34.8	36.7	45.8	56.2	66.1	74.8	78.5	76.9	70.7	59.1	46.5	37.4	57.0
La.	New Orleans	73	54.7	57.4	63.1	69.1	75.4	81.1	82.6	82.6	79.5	71.3	62.0	55.9	69.6
Maine.	Eastport	74	20.9	21.5	29.9	38.9	47.8	55.1	60.4	60.7	56.1	47.8	37.3	25.6	41.8
Mass.	Boston	59	27.9	28.8	35.6	46.4	57.1	66.5	71.7	69.9	63.2	53.6	42.0	32.5	49.6
Mich.	Detroit	73	25.0	25.3	34.2	46.1	57.9	67.7	72.7	70.7	63.9	52.4	39.4	29.0	48.7
	Sault Ste. Marie	57	12.3	11.5	20.9	36.5	48.1	57.5	62.7	61.0	54.1	43.3	30.5	18.8	38.1
Minn.	Minneapolis	57	14.0	16.5	30.2	46.0	57.8	67.7	73.1	70.6	62.0	49.8	32.9	19.8	45.0
Miss.	Vicksburg	73	48.5	51.6	58.6	65.7	72.7	79.3	81.4	81.1	76.6	66.9	56.7	50.1	65.8
Mo.	Kansas City	58	29.9	32.5	43.6	55.2	64.8	74.3	79.3	77.7	70.0	58.7	44.6	33.6	55.3
	St. Louis	75	32.2	35.1	44.7	56.4	66.1	75.1	79.7	77.6	70.4	58.3	44.8	35.0	56.3
Mont.	Helena	67	20.5	23.6	32.7	43.8	52.0	59.7	67.8	66.3	55.8	45.6	32.8	25.0	43.8
	Miles City	[2] 50	17.1	19.4	31.8	47.0	56.9	66.9	74.3	71.7	60.4	48.0	33.6	22.3	45.8
Nebr.	North Platte	73	24.0	27.6	37.0	49.0	58.9	68.7	75.0	73.1	64.0	51.6	37.3	27.7	49.5
	Omaha	75	22.4	26.1	37.7	51.6	62.4	72.0	77.5	75.2	66.7	54.8	39.1	27.4	51.1
Nev.	Winnemucca	69	28.1	33.6	40.2	47.1	54.9	63.2	71.9	69.6	59.6	48.8	37.8	30.3	48.8
N. J.	Atlantic City	73	33.7	33.5	39.8	48.2	58.4	67.5	72.8	72.5	67.5	57.1	46.3	36.8	52.8
N.Mex.	Albuquerque	54	34.3	39.4	46.3	54.4	63.1	72.5	76.3	74.5	67.6	56.0	43.6	34.8	55.2
N. Y.	Albany	74	23.7	24.4	33.8	46.7	59.1	68.3	72.4	70.6	62.8	50.9	39.3	27.9	48.4
	New York	46	31.0	31.3	37.8	49.4	60.6	68.8	73.8	73.2	69.2	58.8	44.2	35.0	52.8
	Rochester	75	25.0	24.3	32.6	44.6	56.8	66.3	71.3	69.1	62.9	51.1	39.4	28.9	47.7
N. C.	Asheville	39	38.7	39.4	46.7	54.6	62.8	69.9	72.8	72.1	67.2	56.3	46.2	39.3	55.5
	Raleigh	60	42.1	43.4	51.1	59.3	68.5	75.9	78.5	77.5	72.2	61.3	51.3	43.2	60.3
N.Dak.	Bismarck	72	8.3	11.7	25.4	43.2	54.7	64.1	70.5	68.2	58.0	45.3	28.4	15.6	41.1
Ohio.	Cleveland	70	24.7	26.3	34.5	46.2	58.1	67.7	71.9	70.2	63.8	52.7	39.0	29.1	48.7
Okla.	Oklahoma City	56	37.6	40.5	50.3	60.1	67.9	76.9	81.4	81.2	74.0	62.5	49.6	39.7	60.1
Oreg.	Portland	72	39.4	42.1	46.9	51.8	56.9	62.4	66.7	66.7	61.7	54.2	46.8	41.2	53.1
Pa.	Harrisburg	58	30.3	30.6	40.2	51.0	62.3	70.6	75.1	72.8	66.5	54.9	43.6	33.4	52.6
	Pittsburgh	74	31.0	31.4	40.0	50.8	62.0	70.4	74.3	72.4	66.6	55.0	43.0	33.8	52.6
S. C.	Charleston	73	50.4	52.0	57.9	64.9	72.9	79.2	81.6	80.9	77.0	67.7	58.3	51.6	66.2
S.Dak.	Huron	66	12.8	16.0	30.3	46.1	56.9	67.0	73.0	70.9	61.5	48.6	31.7	19.5	44.5
Tenn.	Nashville	75	39.2	41.6	49.7	59.2	68.2	76.3	79.4	78.2	72.2	61.0	49.0	41.0	59.6
Tex.	Amarillo	55	33.1	36.1	45.3	53.8	62.1	71.4	75.9	74.6	67.8	55.8	43.8	35.5	54.6
	El Paso	64	44.8	49.6	55.8	63.7	72.2	80.7	81.9	80.1	74.6	64.5	52.5	45.4	63.8
	Fort Worth	49	46.2	48.8	57.4	64.9	72.4	80.6	84.0	84.4	77.9	67.8	56.3	47.4	65.7
	Houston	57	53.5	56.4	62.8	69.3	75.2	81.2	83.2	83.3	79.0	70.9	61.5	54.8	69.2
Utah.	Salt Lake City [3]	19	25.9	32.6	40.9	50.0	58.6	66.7	76.9	74.5	64.1	52.9	38.2	30.9	51.0
Vt.	Burlington	51	18.7	18.8	29.1	43.0	55.8	64.9	69.9	67.5	60.1	48.6	36.6	23.9	44.7
Va.	Norfolk	74	41.7	42.3	48.8	57.2	66.8	74.8	78.5	77.4	72.4	62.2	51.9	43.4	59.8
	Richmond	50	39.0	39.3	48.1	56.6	66.6	74.0	78.0	76.4	71.0	60.0	49.0	40.0	58.2
Wash.	Seattle	57	40.5	42.4	45.7	50.5	55.6	60.2	64.4	64.1	59.4	53.0	46.2	42.4	52.0
	Spokane	66	27.5	31.5	40.2	48.6	56.3	62.8	70.4	68.8	59.3	49.0	37.5	31.0	48.6
W.Va.	Parkersburg	59	32.5	34.2	42.8	53.4	63.8	71.4	75.0	74.0	68.8	57.1	45.1	36.0	54.6
Wis.	Madison	79	17.6	20.1	31.2	45.6	57.7	67.4	72.6	70.3	62.3	50.2	35.1	22.9	46.1
Wyo.	Cheyenne	74	25.5	27.3	33.1	40.9	50.3	60.4	66.7	65.6	57.0	44.8	34.8	28.5	44.6
Alaska.	Juneau	45	28.1	30.2	33.9	40.9	47.9	54.3	56.7	55.4	50.5	43.5	36.0	31.2	42.4
T. H.	Honolulu	40	72.5	71.5	71.7	73.1	74.9	76.6	77.6	78.3	78.2	77.2	75.0	73.2	74.9
P. R.	San Juan	48	74.9	74.9	75.5	76.7	78.7	79.7	80.0	80.5	80.5	80.0	78.3	76.4	78.0

[1] Through 1939.
[2] Through 1942.
[3] Airport data only.

Source: Department of Commerce, Weather Bureau; records.

No. 182.—Average Daily Maximum Temperatures

[For period of record through 1947]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	75	60.4	62.7	67.2	75.1	82.5	88.3	89.6	89.4	86.3	77.8	68.1	62.0	75.8
	Montgomery	76	57.8	60.6	68.0	75.6	83.3	89.7	90.8	89.9	86.3	76.8	66.2	58.5	75.3
Ariz.	Phoenix	52	65.0	69.1	74.6	82.5	91.2	101.0	103.6	101.4	97.4	86.4	74.6	65.7	84.4
Ark.	Little Rock	67	50.2	53.6	62.8	72.0	79.1	87.1	90.4	89.6	84.1	73.9	61.3	52.1	71.4
Calif.	Fresno	60	54.3	61.2	66.5	74.2	82.1	91.1	99.1	97.3	89.5	78.6	66.4	55.1	76.3
	Los Angeles	70	64.9	65.5	67.3	69.6	71.8	76.2	81.2	82.0	80.6	76.2	72.6	66.9	72.9
	San Francisco	72	55.2	58.4	60.7	62.1	63.3	65.5	65.0	65.2	68.5	67.8	62.8	56.5	62.6
Colo.	Denver	76	42.8	44.7	51.3	59.7	68.8	80.0	85.6	84.3	76.5	64.7	52.5	44.6	63.0
D. C.	Washington	76	42.2	43.8	52.8	63.9	74.8	82.6	86.6	84.3	78.4	67.3	54.8	44.5	64.7
Fla.	Jacksonville	74	64.8	66.6	72.1	77.5	83.5	88.1	89.9	89.4	85.7	78.4	70.9	65.3	77.7
	Miami	51	74.5	75.2	77.9	80.5	83.5	86.1	87.6	88.0	86.7	83.2	78.4	75.5	81.4
Ga.	Atlanta	68	51.4	54.1	62.1	70.6	79.1	85.9	87.4	86.2	82.1	71.9	60.7	52.3	70.3
Idaho.	Boise	[1] 65	37.0	43.1	52.9	62.5	70.8	79.7	89.7	87.9	76.5	64.1	50.1	39.7	62.8
Ill.	Chicago	75	31.9	33.6	43.2	54.6	65.4	75.2	80.7	78.9	72.7	61.4	46.9	35.7	56.7
Ind.	Indianapolis	76	36.3	38.8	49.1	61.3	72.3	81.6	86.0	83.6	77.1	65.0	50.0	39.1	61.7
Iowa.	Des Moines	68	30.0	33.7	46.2	60.7	71.7	81.1	86.6	83.9	76.0	64.3	47.7	34.4	59.7
Kans.	Wichita	59	41.4	45.2	56.2	67.0	75.0	85.2	90.8	90.4	82.2	70.2	55.3	44.1	66.9
Ky.	Louisville	75	42.6	44.9	54.8	65.8	75.8	84.2	88.1	86.4	80.5	69.0	54.8	44.7	66.0
La.	New Orleans	73	62.5	65.2	71.1	76.9	83.1	88.4	89.6	89.5	86.3	78.6	69.8	63.5	77.0
Maine.	Eastport	74	28.8	28.8	36.5	45.3	55.2	63.4	68.8	68.4	62.8	53.9	43.1	32.4	49.0
Mass.	Boston	59	35.8	36.6	43.4	54.5	65.6	75.2	80.1	77.8	71.2	61.6	49.3	39.6	57.6
Mich.	Detroit	73	31.4	32.2	41.9	55.0	67.3	76.9	82.1	79.6	72.7	60.4	46.0	35.0	56.7
	Sault Ste. Marie	57	19.8	20.3	29.2	45.0	58.2	68.3	73.2	70.3	62.5	50.1	36.0	25.2	46.6
Minn.	Minneapolis	57	22.3	25.0	38.5	55.5	67.8	77.2	82.9	80.4	71.7	58.8	40.3	27.0	54.0
Miss.	Vicksburg	73	57.0	60.2	67.8	75.0	82.0	88.3	90.1	90.0	86.0	76.7	66.3	58.5	74.8
Mo.	Kansas City	58	38.2	41.3	53.2	64.7	74.0	83.4	88.8	87.2	79.6	68.5	53.4	41.2	64.6
	St. Louis	75	40.2	43.2	53.7	65.2	75.0	84.0	88.5	86.8	79.8	68.3	53.7	43.1	65.1
Mont.	Helena	67	28.9	32.4	42.1	54.4	62.9	71.2	81.2	79.7	67.7	55.9	41.5	32.8	54.2
	Miles City	[2] 50	27.2	29.9	42.4	58.7	68.7	79.0	87.8	85.7	73.6	60.3	44.0	32.0	57.4
Nebr.	North Platte	73	36.1	39.9	49.7	61.7	71.0	80.8	87.6	86.1	77.7	65.9	50.5	39.6	62.2
	Omaha	75	31.1	35.2	47.2	61.8	72.3	81.7	87.4	85.0	76.9	65.1	48.2	35.5	60.6
Nev.	Winnemucca	69	39.1	44.6	52.9	61.3	69.8	79.1	89.8	88.4	77.9	65.6	52.0	41.7	63.5
N. J.	Atlantic City	73	40.6	40.4	46.5	55.0	64.9	73.8	78.8	78.2	73.5	63.9	53.2	43.7	59.4
N. Mex.	Albuquerque	54	47.1	52.9	61.0	69.5	78.4	88.2	90.3	88.2	81.6	70.6	57.7	47.4	69.4
N. Y.	Albany	74	31.5	32.0	41.8	55.7	69.0	77.8	82.6	80.2	72.8	60.7	46.8	35.1	57.2
	New York	46	37.4	38.4	45.4	57.2	68.5	77.0	81.7	80.1	78.7	68.7	51.0	41.2	59.6
	Rochester	75	31.7	31.4	40.0	53.0	66.2	76.0	80.7	78.2	72.0	59.4	45.9	35.0	55.7
N. C.	Asheville	39	48.0	49.5	57.2	65.5	73.9	80.5	82.9	84.0	77.6	67.8	56.5	48.7	66.0
	Raleigh	60	50.9	52.7	61.4	70.1	79.0	85.8	87.9	86.4	81.5	71.3	61.0	52.0	70.0
N. Dak.	Bismarck	72	18.1	22.0	35.2	55.2	67.0	76.0	83.0	81.0	71.0	56.9	39.0	27.0	52.6
Ohio.	Cleveland	70	32.0	34.3	43.0	56.3	69.3	78.9	83.5	81.3	74.7	62.6	46.8	35.6	58.2
Okla.	Oklahoma City	56	47.3	51.1	61.7	70.9	77.8	87.0	91.9	92.2	84.8	73.4	60.1	49.0	70.6
Oreg.	Portland	72	44.3	48.0	54.3	60.8	66.4	72.0	77.5	77.5	71.3	62.0	52.5	45.9	61.1
Pa.	Harrisburg	58	36.9	37.6	48.2	60.3	72.0	80.1	84.5	81.9	75.7	63.7	50.8	39.6	60.9
	Pittsburgh	74	38.5	39.4	48.7	60.6	72.0	80.2	84.1	82.1	76.4	64.4	50.6	40.6	61.5
S. C.	Charleston	73	58.1	59.6	65.8	72.3	79.8	85.5	88.0	87.2	83.1	74.9	66.4	59.2	73.3
S. Dak.	Huron	66	23.4	26.5	40.7	58.0	69.1	78.6	85.6	83.7	74.6	60.9	42.2	29.5	56.1
Tenn.	Nashville	75	47.4	50.2	59.1	69.1	78.1	85.9	88.8	87.8	82.4	71.6	58.3	49.1	69.0
Tex.	Amarillo	55	45.5	48.9	59.0	67.3	74.6	83.8	87.8	86.6	80.0	68.2	56.3	47.1	67.1
	El Paso	60	57.3	62.3	69.1	77.2	85.5	93.8	93.3	91.4	86.4	77.4	65.6	57.1	76.4
	Fort Worth	49	56.4	59.3	68.4	75.5	82.2	90.6	94.1	94.7	88.1	78.5	66.3	57.1	75.9
	Houston	57	62.1	65.0	71.8	77.9	84.2	90.2	92.2	92.4	88.1	81.0	70.7	63.4	78.2
Utah.	Salt Lake City[3]	19	35.1	41.4	51.3	62.1	72.6	81.5	92.4	89.6	79.0	65.9	48.6	39.8	63.3
Vt.	Burlington	51	26.9	26.7	37.2	51.3	64.8	73.9	79.8	76.6	68.7	57.0	42.9	30.4	52.9
Va.	Norfolk	73	49.4	50.4	57.6	66.2	75.7	83.3	86.7	84.8	79.6	69.7	59.6	50.9	67.8
	Richmond	50	47.8	48.7	58.5	67.5	77.4	84.0	87.5	85.7	80.7	70.6	59.0	48.7	68.0
Wash.	Seattle	57	44.9	47.7	52.2	58.1	63.8	68.5	72.4	73.1	67.0	58.9	51.0	46.6	58.7
	Spokane	66	33.4	38.7	49.3	59.5	67.9	74.7	84.4	83.1	72.1	59.8	44.1	36.2	58.6
W. Va.	Parkersburg	59	40.7	42.5	53.3	63.1	74.9	81.9	85.2	84.6	79.6	68.2	54.1	43.7	64.6
Wis.	Madison	79	24.9	27.7	38.6	54.1	66.6	76.0	81.3	78.8	70.6	58.2	41.8	29.2	54.0
Wyo.	Cheyenne	74	36.3	38.4	44.3	52.7	62.5	73.9	80.5	79.3	71.0	57.5	46.2	39.2	56.8
Alaska.	Juneau	45	32.0	34.8	38.8	47.1	55.4	62.2	63.6	61.7	56.4	48.1	40.1	34.6	47.9
T. H.	Honolulu	40	76.3	76.4	76.6	77.7	79.6	81.2	82.2	82.9	82.9	82.0	79.7	77.8	79.6
P. R.	San Juan	48	79.9	80.2	80.7	81.9	83.8	84.6	84.7	85.3	85.7	85.4	83.6	81.3	83.1

[1] Through 1939.
[2] Through 1942.
[3] Airport data only.

Source: Department of Commerce, Weather Bureau; records.

No. 183.—Average Daily Minimum Temperatures

[For period of record through 1947]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	75	43.6	46.2	52.0	58.5	65.7	72.3	74.0	73.7	70.2	59.7	50.1	44.6	59.2
	Montgomery	76	40.1	42.2	48.3	55.2	63.1	70.2	72.4	71.9	67.5	56.5	46.2	40.9	56.2
Ariz.	Phoenix	52	38.9	42.7	47.0	53.1	60.5	69.2	77.3	76.1	69.4	56.4	45.3	39.6	56.3
Ark.	Little Rock	67	33.7	36.2	44.1	53.0	60.8	68.8	72.0	71.0	65.2	53.8	43.0	36.0	53.2
Calif.	Fresno	60	37.9	41.6	44.5	48.0	53.3	59.5	65.0	63.4	58.1	51.0	42.8	38.4	50.3
	Los Angeles	70	46.2	47.2	48.8	50.8	53.7	56.7	60.0	60.9	59.0	55.3	51.2	47.9	53.1
	San Francisco	72	45.0	47.1	48.3	49.4	50.8	52.3	53.0	53.5	54.8	53.8	50.7	46.6	50.4
Colo.	Denver	76	18.7	21.1	27.3	35.6	44.6	53.5	59.5	58.3	49.3	38.5	27.7	20.7	37.9
D. C.	Washington	76	26.8	27.4	34.7	43.8	54.3	63.2	67.8	66.0	59.5	47.7	37.6	29.3	46.6
Fla.	Jacksonville	74	47.4	48.9	54.1	59.8	66.5	72.0	73.8	73.8	71.5	63.4	54.1	47.9	61.8
	Miami	51	60.9	60.8	64.2	67.4	71.3	74.5	75.8	76.2	75.3	72.1	66.5	62.3	68.9
Ga.	Atlanta	68	35.4	37.0	43.4	51.4	60.0	67.2	69.7	69.0	64.5	53.7	43.4	36.7	52.6
Idaho	Boise	[1] 62	21.9	26.7	32.8	38.6	45.0	51.4	58.0	56.5	47.6	39.5	30.9	24.7	39.4
Ill.	Chicago	75	18.0	19.9	29.3	39.6	49.5	59.6	65.9	65.2	58.2	46.9	33.7	23.4	42.4
Ind.	Indianapolis	76	21.6	23.4	32.3	43.1	53.5	62.8	66.8	64.7	57.8	46.6	34.8	25.6	44.4
Iowa	Des Moines	68	12.4	15.8	27.8	40.6	51.3	61.1	65.7	63.4	55.2	43.4	29.6	18.2	40.4
Kans.	Wichita	59	22.9	25.0	34.3	45.7	56.0	64.7	69.4	68.5	60.5	48.9	35.5	26.2	46.4
Ky.	Louisville	75	27.1	28.6	36.8	46.7	56.4	65.4	69.0	67.4	60.9	49.2	38.2	29.5	48.0
La.	New Orleans	73	47.2	49.5	55.2	61.4	67.9	73.9	75.6	75.7	72.9	64.2	54.5	48.4	62.2
Maine	Eastport	74	13.1	14.1	23.4	32.5	40.5	46.9	52.0	53.0	49.2	41.6	31.5	18.7	34.7
Mass.	Boston	59	20.0	21.0	27.8	38.3	48.6	57.8	63.3	62.0	55.2	45.5	34.8	25.4	41.6
Mich.	Detroit	73	18.6	18.4	26.7	37.4	48.5	58.5	63.4	61.7	55.4	44.4	33.2	23.5	40.8
	Sault Ste. Marie	57	4.4	2.4	12.0	28.0	38.3	46.7	52.2	51.4	45.5	35.9	24.8	12.5	29.5
Minn.	Minneapolis	57	5.6	8.1	22.0	36.5	47.9	58.2	63.2	60.8	52.4	40.9	25.5	12.3	36.1
Miss.	Vicksburg	73	40.2	42.8	49.5	56.4	63.5	70.3	72.6	72.2	67.3	57.0	47.3	41.8	56.7
Mo.	Kansas City	58	21.7	23.8	34.0	45.8	55.6	65.2	69.9	68.2	60.5	48.9	35.8	25.7	46.2
	St. Louis	75	24.5	26.7	36.1	47.2	57.2	66.5	71.0	69.1	61.9	50.4	37.7	28.5	48.1
Mont.	Helena	67	12.2	14.8	23.2	33.1	41.0	48.2	54.3	53.0	43.9	35.3	24.2	17.0	33.4
	Miles City	[2] 50	7.0	8.9	21.2	35.2	45.1	54.8	60.8	57.7	47.2	35.6	23.2	12.6	34.1
Nebr.	North Platte	73	12.0	15.5	24.2	36.4	46.8	56.6	62.4	60.4	50.3	37.2	24.2	15.8	36.8
	Omaha	75	13.6	17.2	28.3	41.6	52.6	62.4	67.5	65.4	56.5	44.6	30.0	19.3	41.6
Nev.	Winnemucca	69	17.1	22.5	27.4	33.0	39.9	47.2	54.0	50.9	41.2	32.1	23.7	18.9	34.0
N. J.	Atlantic City	73	26.4	26.7	33.2	41.5	51.9	61.2	66.8	66.7	61.5	50.2	39.4	30.0	45.0
N. Mex.	Albuquerque	54	21.4	25.9	31.7	39.3	47.8	56.9	62.4	60.8	53.5	41.4	29.5	22.2	41.1
N. Y.	Albany	74	15.5	15.5	25.5	37.2	48.8	57.9	62.9	60.8	53.7	42.5	32.5	20.9	39.5
	New York	46	24.5	24.2	30.2	41.6	52.6	60.5	65.9	66.2	59.8	49.0	37.3	28.8	45.0
	Rochester	75	18.2	16.9	25.3	36.1	47.3	56.7	61.9	60.1	53.7	42.9	33.0	22.9	39.6
N. C.	Asheville	39	29.4	29.8	36.5	43.5	51.7	59.4	62.7	63.9	56.8	45.0	35.7	30.1	45.4
	Raleigh	60	33.3	34.1	40.9	48.6	58.0	65.9	69.2	68.2	62.9	51.3	41.6	34.5	50.7
N. Dak.	Bismarck	72	−2.0	1.0	15.3	32.1	43.0	53.0	58.0	55.0	45.0	33.0	18.0	6.0	29.8
Ohio	Cleveland	70	17.4	18.3	26.0	36.1	46.9	56.5	60.3	59.2	52.9	42.8	31.3	22.6	39.2
Okla.	Oklahoma City	56	27.8	30.0	38.9	49.3	58.0	66.9	70.8	70.2	63.2	51.6	39.2	30.3	49.7
Oreg.	Portland	72	34.4	36.1	39.4	42.8	47.4	52.8	55.8	55.9	52.1	46.5	41.0	36.5	45.1
Pa.	Harrisburg	58	23.7	23.6	32.1	41.8	52.6	61.1	65.7	63.7	57.3	46.1	36.4	27.1	44.3
	Pittsburgh	74	23.5	23.3	31.2	40.9	51.7	60.5	64.5	62.8	56.9	45.6	35.5	26.9	43.6
S. C.	Charleston	73	43.0	44.4	50.3	57.2	67.2	72.5	75.0	74.5	70.7	60.8	50.8	44.1	59.2
S. Dak.	Huron	66	2.3	5.5	19.9	34.2	44.8	55.4	60.5	58.1	48.4	35.2	21.2	9.4	33.0
Tenn.	Nashville	75	30.9	32.9	40.3	49.5	58.3	66.7	70.0	68.7	62.1	50.3	39.8	32.9	50.2
Tex.	Amarillo	55	20.8	23.3	31.6	40.4	49.6	58.9	64.0	62.6	55.5	43.3	31.2	23.9	42.1
	El Paso	67	32.5	36.9	42.4	49.9	58.4	67.0	69.7	68.3	62.6	51.6	39.5	33.4	51.0
	Fort Worth	49	36.0	38.2	46.4	54.4	62.6	70.7	73.8	74.2	67.6	57.1	46.0	37.6	55.4
	Houston	57	44.5	46.9	53.5	60.0	66.3	72.2	74.1	74.2	70.2	61.2	52.0	46.0	60.1
Utah	Salt Lake City[3]	19	16.7	23.7	30.6	37.9	45.1	52.0	61.4	59.5	49.2	39.8	27.6	22.0	38.8
Vt.	Burlington	51	10.3	10.1	21.3	34.1	45.9	55.3	60.5	58.3	51.2	41.0	29.9	16.5	36.2
Va.	Norfolk	74	34.0	34.1	40.1	48.1	57.8	66.2	70.5	70.1	65.5	54.9	44.5	36.2	51.8
	Richmond	50	30.1	29.9	37.7	45.7	55.7	64.1	68.6	67.1	61.3	49.4	39.0	31.2	48.3
Wash.	Seattle	57	36.1	37.1	39.3	42.7	47.5	51.8	54.1	55.2	51.8	47.0	41.4	38.1	45.2
	Spokane	66	21.6	24.3	31.3	37.7	44.7	50.8	56.3	54.5	46.6	38.4	31.0	25.8	38.6
W. Va.	Parkersburg	59	24.3	25.8	32.4	43.8	52.6	61.0	64.9	63.5	58.1	46.0	36.1	28.3	44.7
Wis.	Madison	79	10.2	12.5	23.9	37.2	48.8	58.9	63.9	61.8	54.1	42.3	28.4	16.6	38.3
Wyo.	Cheyenne	74	14.7	16.2	21.9	29.1	38.1	46.9	52.9	51.9	43.0	32.1	23.4	17.8	32.3
Alaska	Juneau	44	23.9	26.2	29.1	34.7	40.4	46.5	50.1	49.4	44.6	39.0	31.7	26.9	36.9
Hawaii	Honolulu	40	68.7	66.6	66.8	68.5	70.2	72.0	73.1	73.7	73.5	72.4	70.4	68.6	70.2
P. R.	San Juan	48	69.9	69.6	70.2	71.5	73.5	74.8	75.4	75.6	75.2	74.7	73.2	71.5	72.9

[1] Through 1939.
[2] Through 1942.
[3] Airport data only.

Source: Department of Commerce, Weather Bureau; records.

No. 184.—Highest Temperature of Record

[For period of record through 1947]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	75	78	81	91	90	98	102	103	101	103	95	86	80	103
	Montgomery	76	81	84	90	92	99	106	107	103	106	96	86	81	107
Ariz.	Phoenix	52	84	92	95	103	114	118	118	115	113	105	96	84	118
Ark.	Little Rock	67	81	87	90	94	97	105	108	110	104	93	84	78	110
Calif.	Fresno	60	73	84	87	101	110	112	115	113	111	100	86	76	115
	Los Angeles	70	90	92	99	100	103	105	109	106	108	102	96	92	109
	San Francisco	76	78	80	86	89	97	100	99	92	101	96	83	74	101
Colo.	Denver	76	76	77	82	86	95	99	102	105	97	90	79	79	105
D. C.	Washington	77	77	84	93	95	97	102	106	106	104	96	83	74	106
Fla.	Jacksonville	76	84	86	91	92	99	101	104	101	99	95	86	83	104
	Miami	51	85	88	92	93	94	94	96	96	95	93	88	91	96
Ga.	Atlanta	69	76	78	87	93	97	102	103	101	102	94	82	75	103
Idaho	Boise	[1] 75	62	69	83	92	100	107	111	112	103	95	85	70	112
Ill.	Chicago	77	65	68	82	91	98	102	105	102	100	88	78	68	105
Ind.	Indianapolis	76	70	73	84	90	96	101	106	103	100	89	78	69	106
Iowa	Des Moines	68	65	78	88	92	105	103	110	110	102	92	82	69	110
Kans.	Wichita	59	74	82	92	98	100	109	112	114	108	95	83	75	114
Ky.	Louisville	75	77	78	88	91	98	102	107	105	102	91	82	74	107
La.	New Orleans	76	83	84	90	90	96	102	102	100	99	94	89	84	102
Maine	Eastport	74	58	52	76	81	90	92	93	91	92	83	67	57	93
Mass.	Boston	77	70	68	86	89	97	100	104	101	102	90	78	69	104
Mich.	Detroit	77	66	65	81	88	95	104	105	104	100	89	75	65	105
	Sault Ste. Marie	59	48	50	75	83	91	93	98	98	92	82	74	54	98
Minn.	Minneapolis	57	58	64	83	91	106	104	108	103	104	90	77	63	108
Miss.	Vicksburg	73	82	84	92	92	97	101	102	101	104	94	86	82	104
Mo.	Kansas City	58	70	81	91	95	103	108	110	113	107	98	83	74	113
	St. Louis	77	74	84	92	93	96	104	110	108	103	93	83	75	110
Mont.	Helena	67	63	69	73	86	95	102	103	103	95	84	71	64	103
	Miles City	[2] 50	66	71	88	91	101	108	111	108	106	91	76	71	111
Nebr.	North Platte	73	70	74	88	95	99	104	109	108	105	96	83	76	109
	Omaha	75	69	78	91	94	103	107	114	111	104	96	80	72	114
Nev.	Winnemucca	69	61	69	82	88	98	104	108	106	97	90	75	70	108
N. J.	Atlantic City	73	68	77	79	90	95	97	102	104	94	91	77	68	104
N. Mex.	Albuquerque	54	72	79	85	89	97	104	102	101	97	89	83	72	104
N. Y.	Albany	74	71	66	85	93	97	100	104	102	98	91	75	67	104
	New York	77	68	73	84	91	95	97	102	102	100	90	75	69	102
	Rochester	75	71	70	86	90	93	98	102	98	98	89	80	70	102
N. C.	Asheville	45	77	80	87	89	93	98	99	96	95	90	79	78	99
	Raleigh	60	79	82	94	95	99	102	104	103	101	96	84	79	104
N. Dak.	Bismarck	72	60	65	81	90	102	107	114	109	105	91	74	66	114
Ohio	Cleveland	76	71	73	83	88	92	101	103	100	98	90	79	69	103
Okla.	Oklahoma City	56	83	90	97	96	99	107	109	113	105	97	86	79	113
Oreg.	Portland	72	65	68	83	93	99	102	107	102	102	88	73	65	107
Pa.	Harrisburg	58	73	74	86	93	97	100	103	104	99	97	77	71	104
	Pittsburgh	73	75	77	84	90	95	98	103	103	102	91	79	73	103
S. C.	Charleston	76	82	82	94	93	99	104	104	102	100	95	83	81	104
S. Dak.	Huron	66	64	70	89	94	106	109	111	110	106	94	79	71	111
Tenn.	Nashville	75	78	79	89	90	96	101	106	105	104	92	85	75	106
Tex.	Amarillo	55	83	84	96	94	100	107	106	106	102	95	86	83	107
	El Paso	60	77	86	93	95	102	106	105	103	100	94	85	77	106
	Fort Worth	49	93	96	100	100	107	107	109	112	107	101	88	84	112
	Houston	57	84	90	96	93	98	103	104	108	101	99	89	84	108
Utah	Salt Lake City [3]	19	59	66	77	85	92	103	106	103	98	86	74	66	106
Vt.	Burlington	63	64	56	84	86	92	96	100	101	95	83	74	67	101
Va.	Norfolk	77	80	82	92	95	98	102	104	105	100	94	82	76	105
	Richmond	49	80	82	94	96	98	104	105	107	101	99	83	77	107
Wash.	Seattle	57	67	70	81	87	92	98	100	96	92	82	68	65	100
	Spokane	66	62	60	74	90	97	100	108	104	98	87	70	60	108
W. Va.	Parkersburg	59	74	77	89	93	96	99	104	106	99	91	82	72	106
Wis.	Madison	89	58	63	86	89	101	100	107	101	97	86	77	62	107
Wyo.	Cheyenne	74	64	66	77	82	88	97	100	96	91	85	75	69	100
Alaska	Juneau	48	54	57	61	69	80	87	89	87	77	66	64	60	89
T. H.	Honolulu	56	84	84	84	86	87	88	88	88	88	90	86	85	90
P. R.	San Juan	48	88	91	91	93	94	93	92	93	94	94	93	90	94

[1] Through 1939.
[2] Through 1942.
[3] Airport data only.

Source: Department of Commerce, Weather Bureau; records.

No. 185.—Lowest Temperature of Record

[For period of record through 1947]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	75	11	−1	24	32	44	50	62	57	48	34	24	14	−1
	Montgomery	76	5	−5	20	30	43	48	61	58	45	31	18	8	−5
Ariz.	Phoenix	52	16	24	30	35	39	49	63	58	49	36	27	22	16
Ark.	Little Rock	67	−8	−12	11	28	39	51	58	52	37	27	10	5	−12
Calif.	Fresno	60	17	24	28	34	38	42	50	51	42	32	27	18	17
	Los Angeles	70	28	28	31	36	40	46	49	49	44	40	34	30	28
	San Francisco	76	29	33	33	40	42	46	47	46	47	43	38	27	27
Colo.	Denver	76	−29	−25	−11	4	19	32	42	40	21	−2	−18	−25	−29
D. C.	Washington	77	−14	−15	4	15	33	43	52	49	36	26	11	−13	−15
Fla.	Jacksonville	76	15	10	25	34	46	54	65	64	49	37	25	14	10
	Miami	51	29	27	34	45	50	61	66	67	62	52	36	30	27
Ga.	Atlanta	69	−2	−8	8	25	38	39	58	55	43	28	14	1	−8
Idaho	Boise	[1] 75	−28	−13	−5	11	25	30	40	32	23	14	−10	−18	−28
Ill.	Chicago	77	−20	−21	−12	17	27	35	49	47	29	14	−2	−23	−23
Ind.	Indianapolis	76	−25	−18	−5	19	31	39	48	44	30	22	−5	−15	−25
Iowa	Des Moines	68	−30	−26	−12	11	26	37	48	40	26	7	−10	−21	−30
Kans.	Wichita	59	−15	−22	−3	15	27	44	53	45	32	14	4	−10	−22
Ky.	Louisville	75	−20	−14	3	21	33	43	49	45	36	23	1	−7	−20
La.	New Orleans	76	15	7	28	38	52	58	66	63	54	40	29	19	7
Maine	Eastport	74	−20	−23	−8	2	26	30	45	44	30	22	−13	−23	−23
Mass.	Boston	77	−13	−18	−8	11	31	41	50	46	34	25	−2	−17	−18
Mich.	Detroit	77	−16	−20	−7	8	28	38	48	43	30	22	0	−24	−24
	Sault Ste. Marie	59	−32	−37	−27	−13	21	32	38	35	27	15	−12	−24	−37
Minn.	Minneapolis	57	−34	−33	−27	6	22	34	44	42	26	10	−13	−27	−34
Miss.	Vicksburg	73	3	−1	17	31	43	52	59	54	41	31	22	10	−1
Mo.	Kansas City	58	−20	−22	−3	16	27	44	53	46	34	17	4	−13	−22
	St. Louis	77	−22	−18	3	20	32	44	55	52	36	21	3	−15	−22
Mont.	Helena	67	−42	−41	−24	−10	22	31	36	29	6	−8	−22	−40	−42
	Miles City	[2] 50	−46	−49	−30	−7	20	33	42	34	17	−8	−26	−43	−49
Nebr.	North Platte	73	−35	−35	−21	−3	19	33	41	36	21	4	−25	−30	−35
	Omaha	75	−32	−26	−16	6	25	39	50	44	30	8	−14	−20	−32
Nev.	Winnemucca	69	−36	−26	−3	12	17	29	33	26	16	10	−9	−27	−32
N. J.	Atlantic City	74	−4	−9	8	15	33	45	52	48	37	29	10	−7	−9
N. Mex.	Albuquerque	54	−15	−10	6	13	25	35	42	46	26	19	5	−16	−16
N. Y.	Albany	74	−26	−22	−21	9	29	35	44	35	24	19	−11	−21	−26
	New York	77	−6	−14	3	12	34	44	54	51	39	27	7	−13	−14
	Rochester	75	−14	−22	−7	7	27	35	44	43	31	19	1	−16	−22
N. C.	Asheville	45	−5	−6	7	20	31	40	46	45	35	20	4	−4	−6
	Raleigh	60	2	−2	13	23	34	46	53	51	39	30	15	0	−2
N. Dak.	Bismarck	72	−45	−45	−36	−3	13	31	32	32	10	−10	−28	−42	−45
Ohio	Cleveland	76	−17	−16	−5	11	28	38	46	45	32	24	0	−12	−17
Okla.	Oklahoma City	56	−11	−17	1	20	33	46	55	49	35	16	9	−2	−17
Oreg.	Portland	72	−2	7	20	28	32	39	43	43	35	29	11	3	−2
Pa.	Harrisburg	58	−14	−13	5	11	34	43	49	46	35	25	10	−3	−14
	Pittsburgh	73	−16	−20	−1	11	27	38	46	45	34	20	1	−9	−20
S. C.	Charleston	76	10	7	24	32	45	49	61	62	49	37	23	12	7
S. Dak.	Huron	66	−43	−37	−25	5	20	31	40	33	18	−6	−28	−34	−43
Tenn.	Nashville	75	−10	−13	3	25	36	42	54	51	38	26	8	−2	−13
Tex.	Amarillo	55	−11	−16	−3	13	26	38	51	48	32	15	4	−6	−16
	El Paso	67	−6	5	14	26	36	46	56	52	41	26	11	−5	−6
	Fort Worth	49	−1	−8	10	30	34	48	56	55	40	24	20	7	−8
	Houston	58	5	6	21	34	45	55	55	54	45	33	23	15	5
Utah	Salt Lake City [3]	19	−20	−30	11	14	27	35	40	39	31	18	0	−21	−30
Vt.	Burlington	63	−27	−28	−24	5	26	33	43	38	25	17	−3	−29	−29
Va.	Norfolk	77	5	2	14	23	38	49	57	56	40	31	17	5	2
	Richmond	49	−1	−3	12	19	35	43	52	49	40	28	14	−2	−3
Wash.	Seattle	57	3	4	20	30	36	40	46	46	36	29	15	12	3
	Spokane	66	−30	−23	−10	14	29	34	41	37	22	9	−13	−18	−30
W. Va.	Parkersburg	59	−16	−27	−3	15	29	38	47	45	32	20	4	−10	−27
Wis.	Madison	89	−29	−28	−13	8	23	38	48	43	29	12	−14	−28	−29
Wyo.	Cheyenne	74	−38	−34	−21	−6	8	28	33	25	16	−5	−21	−28	−38
Alaska	Juneau	48	−17	−15	−5	13	24	33	38	36	29	13	−1	−10	−17
T. H.	Honolulu	56	54	52	53	59	60	63	63	63	65	63	59	55	52
P. R.	San Juan	48	63	62	63	65	66	66	70	68	69	68	66	62	62

[1] Through 1939. [2] Through 1942. [3] Airport data only.

Source: Department of Commerce, Weather Bureau; records.

No. 186.—Average Precipitation, Inches

[For period of record through 1947]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	76	4.76	5.08	6.43	4.86	4.34	5.61	7.32	6.42	5.05	3.46	3.56	4.90	61.79
	Montgomery	76	4.95	5.28	6.33	4.77	3.67	4.17	4.78	4.11	3.07	2.31	3.28	4.78	51.50
Ariz.	Phoenix	52	.80	.81	.68	.41	.13	.06	1.03	1.00	.89	.43	.67	.90	7.81
Ark.	Little Rock	67	4.81	3.80	4.64	5.08	4.81	3.67	3.36	3.44	3.02	2.75	4.06	4.17	47.61
Calif.	Fresno	70	1.71	1.57	1.58	.89	.37	.11	.01	.01	.16	.59	.87	1.55	9.42
	Los Angeles	70	2.96	3.33	2.75	1.03	.36	.07	.01	.03	.21	.63	1.14	2.88	15.40
	San Francisco	97	4.72	3.79	3.07	1.53	.68	.15	.01	.02	.29	.96	2.46	4.40	22.08
Colo.	Denver	76	.43	.55	1.06	2.04	2.30	1.32	1.59	1.40	1.02	1.03	.63	.64	14.01
D. C.	Washington	77	3.37	3.03	3.61	3.29	3.59	3.95	4.45	4.28	3.67	2.95	2.61	3.05	41.85
Fla.	Jacksonville	76	2.78	2.96	3.15	2.72	3.94	6.02	6.85	6.13	7.11	4.64	2.00	2.89	51.19
	Miami	63	2.64	2.03	2.55	3.37	6.52	7.10	5.96	6.22	9.00	8.74	2.79	1.91	58.83
Ga.	Atlanta	68	4.74	4.94	5.53	4.09	3.50	3.93	4.33	4.20	3.20	2.55	3.09	4.77	48.87
Idaho	Boise	[1] 76	1.82	1.39	1.56	1.22	1.37	.81	.25	.20	.46	1.04	1.34	1.62	13.08
Ill.	Chicago	77	1.92	1.85	2.67	2.85	3.62	3.55	3.13	3.18	3.20	2.59	2.38	1.93	32.87
Ind.	Indianapolis	76	2.87	2.56	3.88	3.57	3.89	4.06	3.78	3.25	3.22	2.68	3.17	2.84	39.77
Iowa	Des Moines	78	1.13	1.10	1.77	2.73	4.33	4.76	3.40	3.65	3.59	2.48	1.59	1.23	31.76
Kans.	Wichita	59	.79	1.20	1.77	3.12	4.40	4.55	3.03	3.07	3.24	2.37	1.56	1.10	30.20
Ky.	Louisville	76	3.97	3.34	4.44	3.92	3.74	3.95	3.63	3.27	2.67	2.61	3.37	3.58	42.49
La.	New Orleans	76	4.61	4.40	5.18	5.29	4.92	5.81	6.75	6.02	5.36	3.52	3.53	4.62	60.01
Maine	Eastport	75	3.56	3.19	3.68	2.82	2.92	3.05	3.11	2.95	3.07	3.59	3.46	3.45	38.85
Mass.	Boston	77	3.55	3.23	3.76	3.51	3.15	3.20	3.32	3.64	3.15	3.22	3.61	3.39	40.73
Mich.	Detroit	77	2.09	2.06	2.44	2.59	3.39	3.43	3.17	2.72	2.73	2.32	2.28	2.25	31.47
	Sault St. Marie	52	2.03	1.43	1.73	2.14	2.69	2.70	2.65	2.69	3.53	3.03	3.03	2.23	29.88
Minn.	Minneapolis	57	.82	.86	1.40	2.12	3.57	4.31	3.35	3.17	3.11	2.09	1.38	.90	27.08
Miss.	Vicksburg	75	5.12	4.84	5.89	5.23	4.35	3.89	4.34	3.16	2.69	2.66	4.05	5.30	51.52
Mo.	Kansas City	58	1.35	1.54	2.47	3.38	4.84	4.74	3.55	4.00	4.26	2.70	2.03	1.39	36.25
	St. Louis	111	2.23	2.41	3.50	3.81	4.46	4.45	3.39	3.58	3.23	2.86	2.84	2.47	39.23
Mont.	Helena	67	.78	.59	.75	1.00	1.96	2.25	1.10	.79	1.21	.86	.66	.73	12.68
	Miles City	[2] 65	.59	.48	.82	1.07	2.02	2.61	1.51	1.07	.98	.87	.53	.50	13.05
Nebr.	North Platte	73	.39	.47	.83	2.18	2.73	3.12	2.57	2.23	1.54	1.09	.48	.52	18.15
	Omaha	77	.70	.85	1.33	2.58	3.62	4.71	3.65	3.14	3.07	2.10	1.17	.91	27.83
Nev.	Winnemucca	77	1.09	.95	.93	.82	.87	.67	.23	.17	.35	.68	.77	1.01	8.54
N. J.	Atlantic City	73	3.48	3.27	3.64	3.23	2.93	3.09	3.72	4.47	3.10	3.17	3.01	3.68	40.79
N. Mex.	Albuquerque	97	.39	.33	.38	.54	.57	.71	1.42	1.41	.94	.78	.46	.37	8.30
N. Y.	Albany	122	2.50	2.37	2.71	2.72	3.32	3.83	3.89	3.61	3.35	3.12	2.89	2.52	36.83
	New York	77	3.53	3.50	3.78	3.34	3.23	3.47	4.20	4.38	3.58	3.43	3.15	3.28	42.87
	Rochester	76	2.75	2.27	2.94	2.19	2.80	2.95	3.00	2.79	2.48	2.75	2.54	2.65	32.11
N. C.	Asheville	46	2.78	2.80	3.61	2.99	3.21	3.80	4.54	3.93	2.92	2.72	1.85	3.13	38.28
	Raleigh	60	3.36	3.82	3.80	3.52	3.95	4.46	5.79	5.42	3.84	2.89	2.34	3.37	46.56
N. Dak.	Bismarck	72	.44	.46	.92	1.52	2.27	3.36	2.26	1.81	1.33	.94	.56	.53	16.40
Ohio	Cleveland	77	2.49	2.35	2.78	2.54	3.06	3.29	3.38	2.86	3.19	2.65	2.50	2.34	33.43
Okla.	Oklahoma City	56	1.32	1.19	2.13	3.32	4.86	3.91	2.49	2.90	3.12	2.83	2.11	1.59	31.67
Oreg.	Portland	77	6.15	5.16	4.57	2.81	2.15	1.58	.54	.61	1.82	3.30	6.21	6.98	41.88
Pa.	Harrisburg	58	2.88	2.67	3.14	2.89	3.51	3.65	3.67	4.01	3.19	3.04	2.32	2.80	37.77
	Pittsburgh	77	2.91	2.49	3.15	2.96	3.23	3.71	4.08	3.25	2.61	2.52	2.31	2.73	35.95
S. C.	Charleston	76	2.96	3.30	3.28	2.75	3.19	4.68	7.20	6.62	4.44	3.19	4.34	2.77	48.72
S. Dak.	Huron	66	.56	.53	.99	2.20	2.73	3.53	2.67	2.28	1.59	1.31	.63	.52	19.54
Tenn.	Nashville	77	4.67	4.09	5.10	4.19	3.79	3.80	4.01	3.44	3.23	2.45	3.43	3.96	46.16
Tex.	Amarillo	56	.55	.72	.84	1.61	2.97	2.81	2.57	2.98	2.26	1.76	.97	.81	20.85
	El Paso	68	.44	.40	.33	.28	.36	.64	1.71	1.59	1.24	.85	.50	.52	8.86
	Fort Worth	50	1.78	1.92	2.28	3.80	4.62	3.17	2.22	2.34	2.65	2.74	2.37	2.17	32.06
	Houston	61	3.66	2.95	3.21	3.44	4.77	4.36	4.31	3.84	4.15	3.53	3.76	4.36	46.34
Utah	Salt Lake City[3]	19	1.17	1.25	1.49	1.73	1.31	.96	.56	.93	.65	1.37	1.20	1.10	13.72
Vt.	Burlington	64	1.77	1.60	2.17	2.37	3.09	3.48	3.66	3.26	3.48	2.99	2.60	1.90	32.37
Va.	Norfolk	77	3.19	3.35	3.78	3.33	3.68	4.24	5.86	5.24	3.80	3.05	2.51	3.20	45.23
	Richmond	75	3.27	3.06	3.68	3.45	3.72	3.86	4.72	4.62	3.21	2.86	2.28	3.02	41.75
Wash.	Seattle	70	4.79	3.73	3.09	2.27	1.78	1.39	.62	.69	1.69	2.90	4.80	5.58	33.33
	Spokane	66	2.00	1.62	1.24	1.06	1.29	1.26	.53	.57	.89	1.20	1.99	2.13	15.78
W. Va.	Parkersburg	64	3.50	2.97	3.44	3.14	3.33	4.14	4.32	3.62	2.66	2.46	2.63	2.86	39.07
Wis.	Madison	79	1.54	1.38	2.03	2.50	3.58	3.88	3.53	3.21	3.76	2.27	1.92	1.54	31.14
Wyo.	Cheyenne	76	.42	.64	1.02	1.99	2.43	1.61	2.10	1.55	1.20	.96	.52	.55	14.99
Alaska	Juneau	51	7.33	5.55	5.56	5.41	5.14	4.06	5.18	7.46	10.16	11.68	9.21	7.70	84.44
T. H.	Honolulu	42	3.97	2.45	2.93	1.89	1.05	.72	.88	1.09	1.35	2.06	2.39	3.88	24.66
P. R.	San Juan	48	4.34	2.58	2.75	4.13	6.08	5.35	5.73	6.13	6.03	5.55	6.54	5.05	60.26

[1] Through 1939. [2] Through 1942. [3] Airport data only.

Source: Department of Commerce, Weather Bureau; records.

No. 187.—Average Number of Days With 0.01 Inch or More of Precipitation

[For period of record through 1947]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	76	14	9	6	4	13	10	21	10	11	2	10	8	118
	Montgomery	76	11	10	10	8	9	11	12	11	8	6	7	10	113
Ariz.	Phoenix	52	4	4	4	2	1	1	5	6	3	2	3	4	39
Ark.	Little Rock	67	10	9	10	10	10	10	9	9	7	6	8	9	107
Calif.	Fresno	60	8	7	7	4	2	1	[1]	[1]	1	3	4	7	44
	Los Angeles	70	6	7	6	4	2	1	[1]	[1]	1	2	3	6	38
	San Francisco	76	11	11	10	6	4	2	[1]	[1]	2	4	7	10	67
Colo.	Denver	76	5	6	8	9	10	8	9	9	6	6	5	5	86
D. C.	Washington	77	11	10	12	11	12	11	11	11	8	8	9	10	124
Fla.	Jacksonville	76	8	8	8	7	9	13	16	15	13	9	7	8	121
	Miami	37	8	6	7	7	11	13	16	15	18	15	10	8	134
Ga.	Atlanta	69	12	11	11	10	10	11	13	12	8	7	8	11	124
Idaho	Boise	[2] 41	11	9	9	7	7	5	2	2	3	6	8	10	79
Ill.	Chicago	77	11	10	12	11	12	11	9	9	9	9	10	11	124
Ind.	Indianapolis	76	12	10	13	12	13	11	10	9	9	9	11	12	131
Iowa	Des Moines	68	7	7	7	10	12	11	9	9	9	8	7	8	104
Kans.	Wichita	59	5	6	7	8	11	9	7	8	8	7	5	5	86
Ky.	Louisville	76	12	10	13	12	11	11	9	9	8	8	9	11	123
La.	New Orleans	76	10	9	9	7	9	13	15	14	11	6	7	10	120
Maine	Eastport	75	14	13	14	12	12	12	12	11	11	11	12	14	148
Mass.	Boston	77	12	10	12	11	11	10	10	10	9	9	10	11	125
Mich.	Detroit	76	13	12	13	11	12	11	9	9	10	10	11	13	134
	Sault Ste. Marie	44	17	13	11	11	12	10	11	10	13	14	16	17	155
Minn.	Minneapolis	57	8	7	8	10	12	12	9	9	9	9	8	8	109
Miss.	Vicksburg	74	11	10	10	9	8	10	11	9	7	6	8	10	109
Mo.	Kansas City	58	7	8	9	11	12	11	9	9	9	7	7	7	106
	St. Louis	77	9	9	11	11	12	11	8	8	8	8	8	9	112
Mont.	Helena	67	9	8	8	8	11	12	8	6	7	6	7	8	98
	Miles City	[3] 50	8	6	8	8	10	11	8	6	6	6	6	7	90
Nebr.	North Platte	73	5	5	6	8	11	10	9	9	6	5	4	5	83
	Omaha	77	6	6	7	10	12	11	9	9	8	7	5	6	96
Nev.	Winnemucca	69	9	9	8	7	7	5	2	2	3	5	6	8	71
N. J.	Atlantic City	73	12	11	12	11	11	10	10	10	8	9	9	10	123
N. Mex.	Albuquerque	54	3	3	3	4	4	3	8	8	5	4	2	3	50
N. Y.	Albany	74	12	11	12	12	12	12	12	11	10	9	11	11	135
	New York	77	12	10	11	11	11	11	11	10	9	9	9	11	125
	Rochester	76	19	17	16	13	13	11	11	10	12	12	15	18	167
N. C.	Asheville	39	13	11	12	11	12	13	15	14	9	7	7	10	134
	Raleigh	60	10	10	11	10	11	11	13	12	8	7	7	10	120
N. Dak.	Bismarck	72	7	7	7	8	10	12	9	8	7	6	6	7	94
Ohio	Cleveland	75	17	15	15	13	13	11	10	9	10	11	14	16	154
Okla.	Oklahoma City	56	6	6	7	8	10	8	6	7	7	6	6	6	83
Oreg.	Portland	75	19	17	17	14	13	10	3	4	8	12	17	19	153
Pa.	Harrisburg	58	11	10	12	11	12	12	11	10	9	9	9	10	126
	Pittsburgh	77	15	14	15	13	13	12	12	10	9	10	12	14	149
S. C.	Charleston	76	9	9	9	7	8	11	13	13	10	6	7	9	111
S. Dak.	Huron	66	7	7	8	9	10	11	9	9	7	6	5	6	94
Tenn.	Nashville	75	12	11	12	11	10	10	10	9	8	7	9	11	120
Tex.	Amarillo	56	4	4	4	6	9	8	9	8	7	6	4	4	73
	El Paso	68	3	3	3	2	2	4	8	8	6	4	3	4	50
	Fort Worth	49	7	7	7	8	9	6	5	5	5	6	6	6	77
	Houston	57	9	9	8	7	7	8	10	9	9	6	8	10	100
Utah	Salt Lake City [4]	19	10	9	9	9	7	5	4	6	4	7	7	8	85
Vt.	Burlington	43	13	11	12	12	13	12	13	12	12	12	13	13	148
Va.	Norfolk	77	11	10	12	10	11	11	13	12	8	8	8	10	124
	Richmond	49	10	10	11	10	11	11	11	11	10	7	7	10	119
Wash.	Seattle	57	18	16	16	13	12	9	4	5	8	13	17	19	150
	Spokane	66	14	12	11	9	9	8	4	4	6	8	12	14	111
W. Va.	Parkersburg	59	15	13	14	13	12	13	12	10	10	9	11	13	145
Wis.	Madison	69	9	8	10	11	12	10	9	9	10	9	8	9	114
Wyo.	Cheyenne	76	6	6	9	10	12	10	11	10	6	6	5	5	96
Alaska	Juneau	46	18	15	18	19	18	15	17	19	20	24	21	20	224
T. H.	Honolulu	40	14	11	13	12	11	12	13	13	13	13	13	14	152
P. R.	San Juan	48	20	14	15	14	16	17	19	20	18	18	19	21	211

[1] Less than 1 day.
[2] Through 1942.
[3] Through 1939.
[4] Airport data only.

Source: Department of Commerce, Weather Bureau; records.

No. 188.—Average Snowfall, Inches

[For period of record, through 1947. T denotes trace]

	STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	66	0.1	0.1	T	0	0	0	0	0	0	0	0	T	0.2
	Montgomery	76	.2	.2	T	T	0	0	0	0	0	0	T	.3	.7
Ariz.	Phoenix	52	T	T	.1	0	T	0	0	0	0	0	.1	T	.2
Ark.	Little Rock	62	1.9	1.3	.5	T	0	0	0	0	0	T	.1	1.0	4.8
Calif.	Fresno	70	.1	T	T	0	0	0	0	0	0	0	T	T	.1
	Los Angeles	70	T	T	0	0	0	0	0	0	0	0	T	T	T
	San Francisco	76	T	.1	T	0	0	0	0	0	0	0	0	.1	.2
Colo.	Denver	66	5.6	7.8	10.6	9.6	1.8	T	0	0	.7	4.1	6.7	8.3	55.2
D. C.	Washington	60	6.2	5.9	3.9	.4	T	0	0	0	0	.1	.7	3.3	20.5
Fla.	Jacksonville	75	T	T	T	0	0	0	0	0	0	0	0	T	T
	Miami	63	0	0	0	0	0	0	0	0	0	0	0	0	0
Ga.	Atlanta	62	.9	.9	.2	T	0	0	0	0	0	T	T	.3	2.3
Idaho	Boise	[1] 55	8.3	5.6	2.9	.7	T	0	0	0	0	.1	1.6	5.2	24.4
Ill.	Chicago	63	9.1	8.5	6.0	1.0	.1	T	0	0	T	.1	1.9	6.7	33.4
Ind.	Indianapolis	63	5.8	4.8	3.4	.7	.1	0	0	0	0	T	1.3	4.6	20.7
Iowa	Des Moines	68	8.7	7.2	5.7	1.1	T	0	0	0	T	.3	2.2	7.1	32.3
Kans.	Wichita	59	3.0	3.7	2.9	.4	T	0	0	0	T	.1	.7	3.0	13.8
Ky.	Louisville	63	3.9	3.7	2.1	.2	T	0	0	0	0	.1	.4	3.1	13.5
La.	New Orleans	76	.1	.1	T	0	0	0	0	0	0	0	0	T	.2
Maine	Eastport	63	15.9	17.9	12.6	6.8	.2	0	0	0	0	.2	4.1	12.4	70.1
Mass.	Boston	77	11.8	12.6	7.2	2.0	T	0	0	0	0	T	1.6	7.8	43.0
Mich.	Detroit	62	10.2	9.5	6.9	1.9	.1	0	0	0	0	.1	2.6	8.4	39.7
	Sault Ste. Marie	57	18.6	13.5	10.1	3.5	.7	T	0	0	T	2.2	12.9	18.4	79.9
Minn.	Minneapolis	57	8.9	7.9	8.1	3.3	.3	0	0	0	T	.5	4.7	7.3	41.0
Miss.	Vicksburg	57	.9	.4	T	0	0	0	0	0	0	0	T	.3	1.6
Mo.	Kansas City	58	4.7	5.8	4.1	1.0	T	0	0	0	T	.2	1.3	4.3	21.4
	St. Louis	64	4.3	5.0	3.4	.4	.1	0	0	0	T	.9	3.4	17.5	
Mont.	Helena	67	10.1	8.3	9.2	5.3	1.8	T	T	T	.8	3.9	6.6	8.7	54.7
	Miles City	[2] 50	6.2	4.2	6.8	2.2	1.7	0	0	0	.1	1.5	3.8	5.7	32.2
Nebr.	North Platte	64	3.6	4.8	6.4	2.0	.3	0	0	0	T	1.1	2.8	3.9	24.9
	Omaha	63	6.4	6.6	5.8	.8	.1	0	0	0	0	.5	2.3	5.2	27.7
Nev.	Winnemucca	69	7.4	5.0	3.9	1.5	.5	.1	T	0	T	.5	2.2	6.1	27.2
N. J.	Atlantic City	43	4.1	5.0	2.3	.3	0	0	0	0	0	T	.6	2.8	15.1
N. Mex.	Albuquerque	53	1.7	1.5	1.0	.3	T	0	0	0	T	T	.7	1.8	7.0
N. Y.	Albany	63	12.4	13.1	9.4	2.0	.1	0	0	0	0	T	3.4	9.3	49.7
	New York	63	7.6	9.4	5.7	1.1	0	0	0	0	0	T	1.0	6.1	30.9
	Rochester	62	18.0	18.6	13.1	3.7	.2	0	0	0	0	.3	6.2	15.1	75.2
N. C.	Asheville	39	3.4	2.7	1.9	.3	0	0	0	0	0	.1	.4	1.9	10.7
	Raleigh	60	2.0	2.4	1.3	.3	T	0	0	0	0	T	.2	1.4	7.6
N. Dak.	Bismarck	61	5.5	5.3	7.6	3.0	.7	T	0	0	.2	1.1	5.0	6.1	34.5
Ohio	Cleveland	60	10.6	10.0	5.6	1.8	T	0	0	0	0	.2	4.0	9.2	41.4
Okla.	Oklahoma City	56	2.4	1.9	1.1	.1	0	0	0	0	0	T	.3	1.6	7.4
Oreg.	Portland	75	5.5	3.1	.6	.1	T	0	0	0	0	T	.4	2.9	12.6
Pa.	Harrisburg	58	8.9	9.2	6.3	.8	T	0	0	0	0	.1	1.0	5.4	31.7
	Pittsburgh	63	8.7	8.1	6.0	2.9	T	0	0	0	T	.1	1.7	6.7	34.2
S. C.	Charleston	56	T	.2	T	0	0	0	0	0	0	0	0	.1	.3
S. Dak.	Huron	66	5.9	5.3	6.0	2.2	.1	0	0	0	T	.6	3.6	5.0	28.7
Tenn.	Nashville	61	2.4	2.5	1.3	T	T	0	0	0	0	T	.3	1.5	8.0
Tex.	Amarillo	56	3.3	4.8	3.2	1.1	.2	0	0	0	T	.4	2.3	4.8	20.1
	El Paso	68	.8	.4	.1	T	T	0	0	0	0	T	.4	.6	2.3
	Fort Worth	49	.9	.5	.4	T	0	0	0	0	0	T	.2	.5	2.5
	Houston	50	.1	T	T	0	0	0	0	0	0	0	0	.1	.2
Utah	Salt Lake City [3]	19	12.4	9.0	7.1	2.4	.1	T	0	0	T	.2	6.2	8.8	46.2
Vt.	Burlington	64	14.8	14.0	13.6	4.1	.1	0	0	0	0	.4	6.6	12.2	65.8
Va.	Norfolk	76	2.5	2.7	1.7	T	0	0	0	0	0	T	.2	2.0	9.1
	Richmond	49	3.6	3.5	2.2	.4	0	0	0	0	0	T	.4	2.8	12.9
Wash.	Seattle	57	4.7	3.3	.8	.1	T	0	0	0	0	T	.9	1.4	11.2
	Spokane	62	11.3	8.1	2.8	.4	T	T	0	0	T	.1	4.4	8.7	35.8
W. Va.	Parkersburg	59	6.8	6.7	4.4	.8	T	0	0	0	0	.1	1.4	4.8	25.0
Wis.	Madison	64	9.6	7.9	7.8	1.9	.1	0	0	0	T	.3	3.1	7.2	37.9
Wyo.	Cheyenne	63	5.2	7.9	11.3	11.8	3.7	.3	0	0	.7	3.9	5.8	6.1	56.7
Alaska	Juneau	26	26.3	23.2	16.4	4.0	.1	0	0	0	T	1.6	9.8	26.3	107.7
T. H.	Honolulu	42	0	0	0	0	0	0	0	0	0	0	0	0	0
P. R.	San Juan	47	0	0	0	0	0	0	0	0	0	0	0	0	0

[1] Through 1939.
[2] Through 1942.
[3] Airport data only.

Source: Department of Commerce, Weather Bureau; records.

No. 189.—Average Percentage of Possible Sunshine

[For period of record through 1947]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	41	52	54	61	69	71	68	60	63	65	70	63	46	62
	Montgomery	37	52	54	62	68	72	72	65	68	69	70	64	48	64
Ariz.	Phoenix	52	75	78	81	87	92	93	83	83	88	88	83	75	84
Ark.	Little Rock	53	49	53	58	63	66	73	72	73	71	70	57	47	63
Calif.	Fresno	50	44	61	72	82	88	94	97	96	92	86	72	47	80
	Los Angeles	51	70	68	69	68	64	69	78	80	77	76	79	72	72
	San Francisco	56	53	57	64	71	70	76	69	63	70	70	62	55	66
Colo.	Denver	57	68	66	64	63	61	69	68	67	70	70	67	65	67
D. C.	Washington	54	46	54	56	58	62	63	64	61	61	61	53	46	57
Fla.	Jacksonville	50	57	59	67	72	71	63	62	64	61	60	61	53	62
	Miami	37	65	71	72	73	67	60	65	67	62	63	64	65	66
Ga.	Atlanta	51	50	52	60	66	70	70	63	61	67	69	62	48	62
Idaho	Boise	[1] 41	38	49	59	67	73	79	92	87	80	68	51	40	65
Ill.	Chicago	54	45	49	53	58	63	69	74	70	64	60	47	40	58
Ind.	Indianapolis	46	42	46	49	56	62	68	73	68	68	62	49	39	57
Iowa	Des Moines	53	55	58	57	59	62	67	75	69	64	63	53	50	62
Kans.	Wichita	35	61	64	65	64	67	73	82	78	72	68	65	57	68
Ky.	Louisville	54	42	47	52	57	63	68	72	70	68	65	51	39	58
La.	New Orleans	56	49	51	57	63	66	64	58	59	65	69	60	46	59
Maine	Eastport	54	45	50	52	51	51	53	55	57	54	50	37	39	51
Mass.	Boston	54	49	56	58	57	59	62	63	63	61	58	48	48	57
Mich.	Detroit	56	34	42	49	53	58	64	69	65	60	53	35	29	52
	Sault Ste. Marie	41	27	45	50	54	56	61	64	58	46	35	21	21	48
Minn.	Minneapolis	33	50	54	56	58	60	65	73	70	59	53	40	40	56
Miss.	Vicksburg	52	47	49	57	64	70	73	69	72	74	71	60	44	62
Mo.	Kansas City	56	56	58	60	62	64	70	77	74	69	67	59	52	64
	St. Louis	56	48	50	55	58	63	67	72	68	67	64	54	44	59
Mont.	Helena	53	45	54	58	59	58	62	76	73	63	56	48	43	58
	Miles City	[2] 19	51	60	58	62	67	69	80	76	69	60	53	52	63
Nebr.	North Platte	41	64	64	65	63	65	73	80	76	72	70	63	59	68
	Omaha	51	56	58	58	60	63	68	77	70	66	65	54	50	62
Nev.	Winnemucca	41	54	58	65	70	76	81	96	90	86	74	62	52	73
N. J.	Atlantic City	50	51	57	57	59	63	63	66	65	65	54	58	51	60
N. Mex.	Albuquerque	26	71	70	74	76	80	84	77	77	79	80	77	72	77
N. Y.	Albany	51	41	51	53	53	57	61	62	61	58	53	38	37	54
	New York	54	52	59	59	61	61	63	64	63	63	62	55	52	60
	Rochester	53	32	41	48	53	60	67	70	66	60	49	31	25	51
N. C.	Asheville	45	49	53	55	60	60	59	57	57	60	64	59	49	57
	Raleigh	50	49	56	60	64	67	65	62	62	65	66	61	51	61
N. Dak.	Bismarck	52	51	58	55	57	58	62	72	69	62	59	49	48	58
Ohio	Cleveland	52	29	36	46	53	61	67	71	67	62	52	32	24	51
Okla.	Oklahoma City	49	57	60	63	64	65	74	79	78	73	67	63	58	67
Oreg.	Portland	56	27	33	41	49	52	56	71	66	54	43	28	24	48
Pa.	Harrisburg	46	43	51	55	58	62	64	67	63	62	58	47	43	57
	Pittsburgh	51	32	38	45	50	58	63	63	62	62	55	39	28	50
S. C.	Charleston	50	58	59	65	72	73	69	65	66	68	69	69	56	66
S. Dak.	Huron	50	56	63	61	62	65	68	76	72	65	60	51	50	62
Tenn.	Nashville	51	43	48	54	61	66	70	69	68	69	66	54	42	59
Tex.	Amarillo	42	74	75	77	77	78	84	80	82	78	74	77	72	77
	El Paso	40	73	76	81	85	87	87	77	77	79	81	78	72	79
	Fort Worth	29	56	57	65	66	67	75	78	78	74	70	63	56	67
	Houston	37	48	49	53	58	65	71	70	70	65	67	57	44	60
Utah	Salt Lake City [3]	10	51	53	66	70	74	77	80	81	86	70	50	49	69
Vt.	Burlington	42	34	44	49	48	54	59	62	59	51	41	25	24	46
Va.	Norfolk	48	50	57	60	63	66	65	65	66	63	65	60	51	61
	Richmond	44	50	55	58	62	67	65	66	62	64	65	59	50	61
Wash.	Seattle	52	26	36	44	51	53	53	64	59	50	34	24	22	43
	Spokane	49	26	40	53	62	64	68	82	79	68	54	28	22	58
W. Va.	Parkersburg	50	30	37	43	50	56	60	64	60	60	53	37	30	48
Wis.	Madison	43	43	48	51	53	56	62	70	64	57	52	39	36	53
Wyo.	Cheyenne	50	66	66	65	61	61	68	70	68	69	68	66	65	66
Alaska	Juneau	26	24	31	36	37	37	38	28	29	27	16	22	22	29
T. H.	Honolulu	40	62	64	60	62	64	66	67	70	70	68	63	60	65
P. R.	San Juan	48	65	69	70	66	59	62	65	67	62	64	63	65	65

[1] Through 1939.
[2] Through 1942.
[3] Airport data only.

Source: Department of Commerce, Weather Bureau; records.

No. 190.—Average Hourly Wind Velocity

[For period of record through 1947. True velocities]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	33	9.9	10.1	10.5	10.0	9.3	8.3	8.0	7.5	8.4	8.9	9.4	9.7	9.2
	Montgomery	76	7.6	7.9	8.0	7.4	6.6	6.3	6.1	5.8	6.3	6.5	6.7	7.1	6.9
Ariz.	Phoenix	52	5.3	5.7	6.2	6.5	6.5	6.3	6.3	5.9	5.7	5.4	5.2	5.1	5.8
Ark.	Little Rock	66	8.2	8.8	9.4	8.9	7.6	6.6	6.2	5.9	6.1	6.5	7.5	7.9	7.5
Calif.	Fresno	60	5.4	5.8	6.4	7.4	8.4	8.6	8.0	7.4	6.7	5.6	5.0	5.0	6.7
	Los Angeles	70	6.3	6.5	6.5	6.4	6.2	6.0	5.8	5.7	5.7	5.7	6.0	6.3	6.1
	San Francisco	57	7.4	7.8	8.6	9.7	10.5	11.2	11.5	10.9	9.3	7.8	7.0	7.2	9.1
Colo.	Denver	74	7.6	7.7	8.2	8.4	7.7	7.4	6.9	6.7	6.7	7.0	7.3	7.2	7.4
D. C.	Washington	16	7.6	8.6	8.6	8.3	6.9	6.3	5.8	5.7	5.8	6.2	7.4	7.3	7.0
Fla.	Jacksonville	76	8.9	9.4	9.7	9.5	8.9	8.6	8.4	8.1	8.5	9.1	8.8	8.7	8.9
	Miami	37	10.2	10.4	10.7	10.6	9.8	8.8	8.4	8.5	9.2	10.1	11.1	9.8	9.8
Ga.	Atlanta	66	11.7	12.1	11.9	10.8	9.2	8.2	7.8	7.4	8.3	9.6	10.7	11.2	9.9
Idaho	Boise	[1] 41	5.7	6.1	6.8	7.0	6.8	6.2	5.9	5.5	5.5	5.3	5.5	5.4	6.0
Ill.	Chicago	32	12.0	12.0	13.0	12.0	11.0	10.0	9.0	9.0	10.0	10.0	12.0	12.0	11.0
Ind.	Indianapolis	46	11.4	11.5	11.9	11.5	10.4	9.4	8.7	8.3	9.1	9.8	11.0	11.0	10.3
Iowa	Des Moines	15	10.1	10.5	11.3	10.7	9.9	9.3	8.3	8.1	8.7	9.1	10.2	9.8	9.7
Kans.	Wichita	36	12.2	13.0	14.6	14.5	12.9	12.6	11.3	11.2	12.3	12.1	12.6	11.9	12.6
Ky.	Louisville	75	9.8	10.2	10.6	10.0	8.6	7.8	7.0	6.7	7.2	7.8	9.3	9.5	8.7
La.	New Orleans	76	8.5	8.9	8.9	8.6	7.6	7.0	6.6	6.5	7.5	7.8	8.1	8.4	7.9
Maine	Eastport	54	12.8	12.5	12.1	11.5	9.8	8.9	8.0	8.0	8.8	10.7	11.9	12.5	10.6
Mass.	Boston	60	12.4	12.7	12.9	12.1	11.2	10.7	10.3	9.9	10.5	11.2	12.0	12.2	11.5
Mich.	Detroit	65	12.0	12.0	12.0	11.0	10.0	10.0	9.0	9.0	10.0	10.0	12.0	12.0	11.0
	Sault Ste. Marie	44	8.7	8.8	9.8	9.5	8.8	7.4	6.9	6.8	7.6	8.6	9.7	9.2	8.5
Minn.	Minneapolis	56	11.2	11.5	12.2	12.6	11.8	10.5	9.7	9.7	10.9	11.4	11.5	11.1	11.2
Miss.	Vicksburg	67	8.3	8.6	8.8	8.2	7.2	6.6	6.3	6.1	6.5	6.9	7.6	8.1	7.4
Mo.	Kansas City	15	10.2	10.9	12.1	11.7	10.1	9.8	8.9	8.7	9.0	9.2	10.6	9.9	10.1
	St. Louis	75	11.8	12.0	12.6	12.1	11.0	10.1	9.2	9.0	9.8	10.6	11.8	11.5	11.0
Mont.	Helena	67	7.3	7.5	8.4	8.8	8.7	8.5	8.1	7.8	7.9	7.7	7.3	7.3	7.9
	Miles City	[2] 50	5.6	5.6	6.7	7.6	7.5	6.5	5.9	5.4	5.6	5.7	5.6	5.5	6.1
Nebr.	North Platte	73	7.8	8.3	9.7	10.6	9.8	8.9	7.9	7.6	8.1	8.3	8.0	7.6	8.6
	Omaha	75	9.6	10.1	10.7	10.8	9.7	8.9	7.9	7.8	8.6	8.9	9.6	9.3	9.3
Nev.	Winnemucca	68	8.1	8.6	8.7	8.6	7.9	7.6	7.3	6.9	7.0	7.0	7.6	7.6	7.7
N. J.	Atlantic City	25	16.1	16.0	16.9	16.6	14.9	13.9	13.2	13.4	13.9	14.7	15.5	15.4	15.0
N. M.	Albuquerque	27	7.0	8.3	9.7	10.1	9.3	8.7	7.8	7.2	7.3	7.3	7.0	6.6	8.0
N. Y.	Albany	9	10.1	11.7	11.0	11.0	9.6	8.3	7.5	6.8	7.5	8.5	9.4	9.7	9.3
	New York	36	16.8	17.1	16.5	16.1	13.9	13.1	12.2	12.1	12.7	14.5	16.2	16.6	14.8
	Rochester	75	9.9	9.9	9.7	9.0	8.0	7.2	6.8	6.3	6.9	7.7	8.9	8.9	8.2
N. C.	Asheville	39	9.5	9.9	10.2	9.4	7.3	5.9	5.5	5.4	5.8	7.0	8.6	9.1	7.8
	Raleigh	60	7.8	8.4	8.9	8.5	7.2	6.6	6.2	6.0	6.3	7.0	7.3	7.5	7.3
N. Dak.	Bismarck	72	9.0	9.4	10.4	11.4	10.9	10.2	9.1	9.1	9.7	9.6	9.4	8.9	9.7
Ohio	Cleveland	44	14.8	14.6	14.5	13.6	12.0	10.9	10.6	10.9	11.9	13.4	14.9	14.6	13.1
Okla.	Oklahoma City	56	11.3	12.2	13.3	13.1	11.7	10.7	9.4	9.0	9.9	10.4	11.2	11.1	11.1
Oreg.	Portland	75	7.3	7.4	7.3	7.0	6.9	6.7	6.8	6.4	6.2	6.0	6.9	7.3	6.8
Pa.	Harrisburg	58	7.8	8.5	8.7	8.4	6.9	6.1	5.8	5.4	5.6	6.4	7.3	7.5	7.0
	Pittsburgh	44	11.7	11.8	12.1	11.5	10.0	9.4	8.8	8.5	8.9	9.7	11.3	11.4	10.4
S. C.	Charleston	50	10.3	11.0	11.4	11.3	10.6	10.1	9.5	9.3	10.3	10.7	10.0	10.2	10.4
S. Dak.	Huron	66	10.8	11.0	11.9	13.0	12.1	10.9	9.9	9.4	11.0	11.0	10.8	10.3	11.0
Tenn.	Nashville	37	9.7	10.1	10.7	10.5	8.9	7.9	7.3	7.1	7.5	8.1	9.3	9.5	8.9
Tex.	Amarillo	56	12.1	12.9	14.1	14.5	13.4	13.1	11.3	10.7	12.0	12.2	11.7	11.4	12.5
	El Paso	68	8.6	10.0	11.2	11.4	10.8	9.5	8.5	7.8	7.9	8.0	8.3	8.5	9.2
	Fort Worth	48	10.4	11.1	12.1	12.2	10.9	10.5	9.3	9.2	8.9	9.4	9.9	9.9	10.3
	Houston	37	10.5	10.8	11.6	11.5	10.5	9.5	8.5	8.4	8.8	9.5	10.3	10.3	10.0
Utah	Salt Lake City[3]	18	7.8	8.1	9.4	9.7	9.9	9.7	10.0	9.9	9.6	9.0	8.2	7.6	9.1
Vt.	Burlington	37	12.1	11.2	11.4	10.9	9.7	8.7	8.1	8.2	9.1	10.6	12.1	11.6	10.3
Va.	Norfolk	35	12.2	12.4	13.1	12.5	11.2	10.4	9.9	9.8	10.3	10.9	11.6	11.7	11.3
	Richmond	49	8.2	8.4	9.2	8.7	7.3	6.6	6.4	6.2	6.3	6.9	7.5	7.6	7.4
Wash.	Seattle	15	9.9	9.3	9.9	9.3	8.9	8.4	8.0	7.2	7.3	8.4	9.0	10.2	8.8
	Spokane	66	6.1	6.3	7.3	7.4	7.3	7.2	6.7	6.1	6.1	5.9	6.1	6.2	6.5
W. Va.	Parkersburg	59	7.3	7.3	8.0	7.4	6.1	5.4	5.2	4.9	5.1	5.7	6.7	6.9	6.3
Wis.	Madison	69	9.9	10.3	10.9	10.9	9.5	8.1	7.5	7.4	8.6	9.5	10.7	10.2	9.5
Wyo.	Cheyenne	75	13.8	13.2	13.3	12.3	11.1	10.0	8.9	8.6	9.5	10.5	12.0	12.9	11.3
Alaska	Juneau	26	7.6	7.7	7.2	6.5	6.2	5.7	5.3	5.0	5.8	7.3	7.9	8.0	6.7
T. H.	Honolulu	22	9.3	9.0	9.7	10.3	9.9	9.8	10.0	9.9	9.1	8.7	9.0	9.3	9.5
P. R.	San Juan	47	12.7	12.0	12.7	12.2	11.3	12.2	13.4	12.2	9.6	8.3	9.8	11.8	11.5

[1] Through 1939.
[2] Through 1942.
[3] Airport data only.

Source: Department of Commerce, Weather Bureau; records.

No. 191.—Average Relative Humidity

[For period of record through 1945]

STATION		Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	48	74	73	73	71	71	72	68	76	74	70	71	77	72
	Montgomery	46	70	67	64	62	62	64	70	72	67	64	66	71	67
Ariz.	Phoenix	42	48	47	39	31	25	23	35	41	38	38	43	50	38
Ark.	Little Rock	46	69	67	63	62	66	66	66	67	67	65	66	70	66
Calif.	Fresno	50	76	69	62	52	44	36	31	33	39	49	61	76	52
	Los Angeles	49	56	61	61	64	68	68	67	67	64	61	51	54	62
	San Francisco	44	75	72	70	70	72	74	79	80	74	70	69	74	73
Colo.	Denver	48	52	52	49	49	49	44	44	45	44	46	48	52	48
D. C.	Washington	36	66	63	61	59	65	69	71	70	71	71	66	68	67
Fla.	Jacksonville	54	74	72	69	67	69	72	74	75	77	75	74	75	73
	Miami	30	73	72	70	69	71	74	73	73	75	74	71	73	73
Ga.	Atlanta	38	72	69	66	63	64	67	73	74	71	67	67	72	69
Idaho	Boise	[1] 41	73	67	55	49	46	43	34	33	41	51	62	73	52
Ill.	Chicago	27	75	73	70	66	66	67	65	68	70	67	70	76	69
Ind.	Indianapolis	54	75	71	67	61	60	61	59	63	64	64	69	74	66
Iowa	Des Moines	50	79	77	72	65	65	68	66	70	72	70	73	78	71
Kans.	Wichita	54	70	65	59	58	63	61	57	57	60	60	64	70	62
Ky.	Louisville	48	72	69	65	61	61	62	62	64	65	63	67	71	65
La.	New Orleans	47	75	73	71	70	69	70	74	74	73	70	72	75	72
Maine	Eastport	48	74	74	73	74	76	79	82	81	80	77	77	75	77
Mass.	Boston	31	68	66	65	65	67	67	68	71	71	68	70	68	68
Mich.	Detroit	42	84	85	74	68	66	66	62	64	68	71	76	81	71
	Sault Ste. Marie	33	84	82	78	70	68	70	73	75	79	79	82	84	77
Minn.	Minneapolis	42	79	76	68	60	58	63	60	62	66	66	72	78	64
Miss.	Vicksburg	72	74	70	68	70	72	74	78	79	76	73	72	74	73
Mo.	Kansas City	38	72	69	65	63	65	66	61	64	66	63	66	72	66
	St. Louis	46	71	68	64	61	62	62	59	62	64	62	65	71	64
Mont.	Helena	57	68	66	58	53	52	50	43	44	51	57	64	68	56
	Miles City	[2] 50	75	73	68	57	53	54	47	48	54	61	70	75	61
Nebr.	North Platte	48	70	67	61	57	59	61	58	58	60	58	63	70	62
	Omaha	38	75	74	68	62	64	66	63	66	66	63	69	75	67
Nev.	Winnemucca	38	76	70	58	49	60	40	30	29	37	49	62	74	52
N. J.	Atlantic City	57	74	73	73	72	75	77	78	78	76	73	72	73	75
N. Mex.	Albuquerque	21	60	52	44	39	36	33	45	49	50	49	51	61	47
N. Y.	Albany	38	75	74	70	66	65	69	70	72	76	74	74	75	72
	New York	47	66	64	63	61	63	65	69	70	70	67	68	67	65
	Rochester	46	74	74	69	63	61	63	62	64	68	69	72	74	68
N. C.	Asheville	40	71	68	65	61	63	68	72	75	72	68	66	70	68
	Raleigh	57	73	71	69	66	68	72	76	79	78	74	71	74	72
N. Dak.	Bismarck	56	76	75	69	59	57	61	57	56	60	63	72	76	66
Ohio	Cleveland	52	59	58	59	58	61	64	65	66	66	66	58	59	61
Okla.	Oklahoma City	36	71	68	62	63	68	68	62	62	64	66	66	71	66
Oreg.	Portland	48	81	77	71	65	64	63	60	62	66	74	80	81	70
Pa.	Harrisburg	56	68	65	62	56	58	63	63	65	66	66	64	65	64
	Pittsburgh	49	73	73	67	62	61	64	63	65	66	67	70	77	67
S. C.	Charleston	52	70	65	63	65	65	78	78	78	77	77	72	78	72
S. Dak.	Huron	56	78	77	69	61	58	62	58	59	60	62	70	77	66
Tenn.	Nashville	38	75	70	66	62	66	67	68	71	70	67	69	73	69
Tex.	Amarillo	52	60	57	50	49	56	54	52	54	57	58	57	61	55
	El Paso	55	44	38	30	25	25	28	41	45	44	42	43	48	38
	Fort Worth	34	67	66	59	62	64	61	58	58	61	63	64	69	63
	Houston	33	75	74	72	73	74	73	74	73	74	70	71	75	73
Utah	Salt Lake City [3]	13	80	74	62	54	47	45	38	39	43	56	71	77	57
Vt.	Burlington	38	80	81	77	72	70	73	75	77	81	79	79	81	77
Va.	Norfolk	8	72	69	68	67	71	74	77	77	77	74	71	72	72
	Richmond	47	72	67	64	61	64	67	70	72	72	69	67	71	68
Wash.	Seattle	39	81	80	73	68	67	66	66	69	72	79	82	82	73
	Spokane	54	82	75	62	52	49	47	38	40	50	62	78	83	60
W. Va.	Parkersburg	37	76	74	68	64	67	72	71	74	74	72	72	76	72
Wis.	Madison	37	81	79	73	65	64	67	64	67	70	70	76	82	71
Wyo.	Cheyenne	41	55	58	57	58	56	53	48	49	49	50	51	55	53
Alaska	Juneau	26	77	74	70	69	70	70	78	81	81	82	77	77	76
T. H.	Honolulu	35	70	70	68	67	67	66	66	67	67	68	69	71	68
P. R.	San Juan [4]	47	81	80	77	76	77	77	78	78	79	79	81	81	79

[1] Through 1939. [2] Through 1942. [3] Airport data only. [4] 8:30 a. m. only.

Source: Department of Commerce, Weather Bureau; records.

No. 192.—Average Monthly and Annual Degree Days, 65° Base

[For period of record, through June 1946]

	STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	48	397	314	175	52	3	0	0	0	1	44	203	377	1,566
	Montgomery	48	494	405	239	85	10	0	0	0	4	71	279	484	2,071
Ariz.	Phoenix	48	402	263	154	47	7	0	0	0	0	18	166	384	1,441
Ark.	Little Rock	48	704	579	367	145	31	1	0	0	11	120	383	668	3,009
Calif.	Fresno	48	573	380	289	152	52	4	0	0	5	77	309	562	2,403
	Los Angeles	48	272	235	212	158	103	27	1	0	5	43	110	225	1,391
	San Francisco	48	460	340	317	272	255	197	196	179	121	139	241	420	3,137
Colo.	Denver	48	1,023	897	790	516	275	64	8	8	126	411	716	1,005	5,839
D. C.	Washington	48	928	834	624	340	101	14	0	2	42	251	553	872	4,561
Fla.	Jacksonville	48	302	244	131	42	3	0	0	0	0	25	144	294	1,185
	Miami	35	53	45	28	3	0	0	0	0	0	0	15	41	185
Ga.	Atlanta	48	660	563	382	169	33	2	0	0	12	128	392	644	2,985
Idaho.	Boise	[1] 48	1,077	840	688	440	252	92	9	17	136	385	717	1,025	5,678
Ill.	Chicago	48	1,218	1,080	861	531	259	67	6	7	88	337	712	1,116	6,282
Ind.	Indianapolis	48	1,102	973	737	410	154	22	1	4	66	297	660	1,032	5,458
Iowa.	Des Moines	48	1,320	1,132	843	446	171	29	1	6	102	354	767	1,204	6,375
Kans.	Wichita	48	1,016	836	604	290	103	9	0	1	41	221	576	947	4,644
Ky.	Louisville	48	931	816	588	298	93	8	0	1	35	217	549	881	4,417
La.	New Orleans	48	323	247	129	31	1	0	0	0	0	23	145	304	1,203
Maine.	Eastport	48	1,364	1,238	1,080	778	530	301	158	146	271	528	827	1,224	8,445
Mass.	Boston	48	1,108	1,025	841	538	245	66	7	15	98	338	647	1,008	5,936
Mich.	Detroit	48	1,230	1,134	927	566	253	56	7	15	111	388	749	1,124	6,560
	Sault Ste. Marie	48	1,572	1,470	1,291	826	487	215	91	110	285	616	965	1,379	9,307
Minn.	Minneapolis	48	1,587	1,372	1,072	577	260	62	8	23	167	481	942	1,415	7,966
Miss.	Vicksburg	48	503	407	236	82	10	0	0	0	5	76	267	483	2,069
Mo.	Kansas City	48	1,077	909	651	322	108	12	0	2	51	239	598	993	4,962
	St. Louis	48	998	855	607	300	91	8	0	1	38	215	558	925	4,596
Mont.	Helena	48	1,347	1,157	990	639	413	192	43	66	291	596	944	1,252	7,930
	Miles City	[2] 48	1,461	1,267	997	545	275	81	7	20	188	510	918	1,322	7,591
Nebr.	North Platte	48	1,227	1,039	846	480	227	49	4	9	131	410	799	1,163	6,384
	Omaha	48	1,280	1,088	810	410	157	24	1	4	84	324	744	1,169	6,095
Nev.	Winnemucca	48	1,128	884	768	536	321	114	10	23	188	494	801	1,090	6,357
N. J.	Atlantic City	48	946	887	750	485	208	37	1	2	39	247	546	867	5,015
N.Mex.	Albuquerque	27	955	708	592	322	91	5	0	0	27	258	646	913	4,517
N. Y.	Albany	48	1,271	1,169	948	551	220	46	4	15	117	411	753	1,143	6,648
	New York	48	1,028	953	771	465	172	30	1	4	50	272	594	940	5,280
	Rochester	48	1,227	1,155	967	605	282	71	10	26	132	423	751	1,123	6,772
N. C.	Asheville	44	817	719	558	315	114	15	2	3	49	279	565	800	4,236
	Raleigh	48	702	615	429	210	46	6	0	1	17	153	415	681	3,275
N.Dak.	Bismarck	48	1,704	1,479	1,181	643	340	109	21	44	244	595	1,057	1,520	8,937
Ohio.	Cleveland	48	1,143	1,067	876	553	252	56	7	14	93	354	684	1,045	6,144
Okla.	Okla. City	48	846	684	457	200	58	3	0	0	22	153	455	792	3,670
Oreg.	Portland	48	775	616	533	368	237	108	27	28	106	292	538	725	4,353
Pa.	Harrisburg	48	1,073	973	757	425	146	23	1	6	67	314	637	990	5,412
	Pittsburgh	48	1,042	964	751	444	166	29	3	7	69	322	651	982	5,430
S. C.	Charleston	48	452	384	239	83	7	0	0	0	1	47	225	428	1,866
S. Dak.	Huron	48	1,572	1,353	1,039	573	271	70	10	20	159	502	962	1,409	7,940
Tenn.	Nashville	48	788	675	467	218	55	3	0	0	20	170	469	748	3,613
Tex.	Amarillo	48	861	719	546	284	107	11	1	2	42	221	548	854	4,196
	El Paso	48	615	432	291	104	14	1	0	0	6	88	366	615	2,532
	Fort Worth	48	586	463	270	97	16	1	0	0	5	79	285	553	2,355
	Houston	37	361	247	150	36	2	0	0	0	1	27	160	331	1,315
Utah.	Salt Lake City [3]	48	1,093	871	716	446	236	66	3	5	98	371	712	1,033	5,650
Vt.	Burlington	40	1,467	1,338	1,111	694	339	106	23	51	209	530	870	1,313	8,051
Va.	Norfolk	48	712	650	483	254	62	5	0	0	9	129	392	668	3,364
	Richmond	48	814	722	538	278	72	8	0	1	27	196	486	780	3,922
Wash.	Seattle	48	759	637	595	436	299	160	67	69	170	365	554	704	4,815
	Spokane	48	1,139	931	756	490	285	118	20	37	184	480	817	1,061	6,318
W. Va.	Parkersburg	48	977	882	660	369	129	18	1	3	56	286	617	930	4,928
Wis.	Madison	42	1,451	1,246	1,002	588	274	66	8	20	145	452	857	1,296	7,405
Wyo.	Cheyenne	48	1,187	1,064	996	720	460	165	40	46	251	587	876	1,144	7,536

[1] Through 1939. [2] Through 1942. [3] Airport data only.

Source: Department of Commerce, Weather Bureau; records.

7. Public Lands and National Park System

Acquisition of original public domain.—Recognition of its sovereignty over its present continental land area was acquired by the United States Government through a series of international agreements and treaties. The United States, however, did not gain title to all of these lands by such agreements. At the time of acquisition of sovereignty over the areas involved, title to about 463 million acres rested in individual States and their political subdivisions or in private owners, which title was not relinquished to the Federal Government. Title to the remaining 1,442 million acres of land area passed to the United States and, with the exception of lands in the District of Columbia, is known as the *original public domain.* Any of such lands which the Government has not disposed of under the public-land laws, are generally referred to as *public-domain lands* or *public lands.*

In addition to the public domain, the United States Government has from time to time acquired, by purchase, condemnation, and gift, tracts of land needed for various public purposes. Such lands are often referred to as *acquired lands,* to distinguish them from public-domain lands. Complete statistics are not available as to the extent of such acquisitions.

Public-domain lands.—*Public-domain lands* or *public lands,* as used here, refers to those Federally owned lands to which the general body of public land laws apply. (See title 43, Code of Federal Regulations.) In general, it includes that portion of the *original public domain* not disposed of under the public land laws, and certain other lands declared by the Congress specifically to be *public lands.* As a general rule, it excludes *acquired lands,* as defined above. The term *Indian lands,* as used in tables 195–197, refers to that portion of the public domain lands that was ceded to the United States by Indian tribes on condition that part or all of the proceeds from their sale or other disposition would be covered into the Treasury in trust for the Indians.

Entries, selections, patents, and certifications.—The data on entries, selections, patents, and certifications refer to transactions which involve the disposal, under the public-land laws (including the homestead laws) of Federal public lands to non-Federal owners. In general, *original entries* and *selections* are applications to secure title to public lands which have been accepted as properly filed. Some types of applications, however, are not reported until the final certificate is issued.

Applications become *final entries* (perfected entries) upon issuance of a *final certificate* which is given to the applicant after he has complied fully with the requirements of the laws relating to his application. These requirements may include, in particular cases, settlement upon and improvement of the lands entered, or payment of statutory fees or purchase money. A *final certificate* passes equitable title to the land to the applicant. *Patents* are instruments which pass legal title to the lands to the applicant. *Certifications* are issued in lieu of patents in connection with certain State selections.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics,* series F 1–7") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945.* In that historical supplement to the *Statistical Abstract,* statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 193.—Lands in Federal Ownership—Acreage, by States, Territories, and Possessions: 1944

[Approximate date of data is June 30, 1944]

State or other area	Land area (acres)					
	Total	Under Federal ownership				
		Total	Percent of total area	Administering Agency		
				Dept. of Interior	Dept. of Agriculture	War and Navy Depts.	Other
Grand total	**2,277,240,960**	**820,712,163**	**36**	**577,815,752**	**186,860,499**	**55,172,244**	**1,326,668**
Continental U. S.	**1,905,361,920**	**455,183,251**	**24**	**267,712,632**	**165,979,871**	**20,680,951**	**1,272,797**
Alabama	32,689,920	1,188,075	4	28,941	684,796	211,918	262,420
Arizona	72,691,200	53,363,273	73	37,234,990	11,527,143	4,588,027	13,113
Arkansas	33,744,000	2,849,702	8	245,162	2,366,704	231,706	6,130
California	100,353,920	46,484,371	46	25,346,446	19,430,628	1,684,670	22,627
Colorado	66,538,880	25,492,803	38	10,735,167	14,336,716	417,642	3,278
Connecticut	3,135,360	15,475	(1)	----------	11,706	1,174	2,595
Delaware	1,265,920	22,398	2	13,811	5,072	3,419	96
District of Columbia	39,040	9,369	24	6,583	395	839	1,552
Florida	34,727,680	2,340,558	7	171,305	1,374,710	781,841	12,702
Georgia	37,451,520	1,768,063	5	388,641	871,062	488,788	19,572
Idaho	52,997,120	33,730,114	64	13,458,185	20,189,139	80,628	2,162
Illinois	35,806,080	357,609	(1)	7,491	228,423	114,930	6,765
Indiana	23,171,200	297,509	1	----------	100,185	192,747	4,577
Iowa	35,831,040	62,140	(1)	25,396	6,658	28,881	1,205
Kansas	52,552,320	289,155	(1)	39,623	102,398	142,764	4,370
Kentucky	25,669,760	906,993	4	101,209	468,674	254,218	82,892
Louisiana	28,913,280	1,045,955	4	230,026	587,224	225,645	3,060
Maine	19,865,600	140,024	(1)	51,692	69,960	14,928	3,444
Maryland	6,327,680	132,706	2	26,908	57,042	42,239	6,517
Massachusetts	5,060,480	25,544	(1)	274	1,651	21,805	1,814
Michigan	36,494,080	2,555,496	7	252,491	2,255,766	35,511	11,728
Minnesota	51,205,760	3,626,282	7	1,035,704	2,569,971	16,585	4,022
Mississippi	30,348,800	1,449,196	5	79,343	1,143,421	211,098	15,334
Missouri	44,332,800	1,457,206	3	42,981	1,271,475	140,220	2,530
Montana	93,642,240	32,966,241	35	14,142,650	18,379,516	442,443	1,632
Nebraska	49,057,920	717,135	1	238,136	357,244	119,908	1,847
Nevada	70,273,280	61,378,360	87	52,751,715	5,054,557	3,555,116	16,972
New Hampshire	5,775,360	668,819	12	----------	664,372	4,190	257
New Jersey	4,814,080	65,808	1	2,964	44	57,511	5,289
New Mexico	77,767,040	34,211,071	44	22,877,763	9,628,274	1,681,879	23,155
New York	30,674,560	278,817	(1)	93,866	39,315	138,228	7,408
North Carolina	31,450,880	1,728,068	5	376,441	1,079,227	221,896	50,504
North Dakota	44,834,560	2,477,475	6	1,375,497	1,099,842	----------	2,136
Ohio	26,318,080	187,373	(1)	288	114,178	55,982	16,925
Oklahoma	44,341,120	3,441,224	8	2,979,568	276,077	182,963	2,616
Oregon	61,664,000	32,781,306	53	[2]18,539,204	[2]14,530,612	170,436	4,054
Pennsylvania	28,828,800	588,041	2	36,490	489,603	52,234	9,714
Rhode Island	677,120	19,589	3	----------	12,490	6,859	240
South Carolina	19,580,160	890,194	5	84,645	633,451	170,084	2,014
South Dakota	48,983,040	8,820,845	18	6,528,001	1,971,910	319,694	1,240
Tennessee	26,855,040	1,591,491	6	273,161	647,961	121,397	548,972
Texas	168,732,160	2,409,242	1	765,183	830,518	783,511	30,030
Utah	52,701,440	37,898,177	72	28,230,323	7,867,886	1,789,101	10,867
Vermont	5,937,920	175,893	3	52	169,080	6,546	215
Virginia	25,535,360	2,158,379	8	269,333	1,444,703	432,544	11,799
Washington	42,865,280	15,034,462	35	5,137,981	9,531,826	352,005	12,650
West Virginia	15,417,600	943,702	6	----------	918,832	16,892	7,978
Wisconsin	35,017,600	2,085,802	6	553,940	1,476,739	50,278	4,845
Wyoming	62,403,840	32,055,721	51	22,933,062	9,100,695	17,031	4,933
Territories and possessions	**371,879,040**	**365,528,912**	**98**	**310,103,120**	**20,880,628**	**34,491,293**	**53,871**
Alaska	365,481,600	364,995,705	99	309,710,394	20,849,187	34,382,425	53,699
Hawaii	4,122,240	429,076	10	373,384	----------	55,559	133
Puerto Rico	2,190,720	94,049	4	11,100	31,441	51,473	35
Virgin Islands	84,480	10,082	12	8,242	----------	1,836	4

[1] Less than 1 percent.

[2] 463,000 acres of controverted lands included with Dept. of Interior as well as Dept. of Agriculture, resulting in duplication.

Source: 78th Cong. 2d. sess.; House of Representatives, Report No. 1884. (Printed 1944.)

No. 194.—Acquisition and Extent of Public Domain, Continental United States: 1781 to 1949

[See also *Historical Statistics*, series F 1-7]

ITEM	ACQUISITION OF THE ORIGINAL PUBLIC DOMAIN			Estimated area of the public domain (selected years) [1]
	Total area	Land area	Water area	
	Acres	*Acres*	*Acres*	*Acres*
Aggregate, 1949	**1,462,466,560**	**1,442,200,320**	**20,266,240**	***412,000,000***
1912, estimate of public domain				*600,000,000*
1880, estimate of public domain				*900,000,000*
1853, Gadsden Purchase	18,988,800	18,961,920	26,880	
1850, estimate of public domain				*1,200,000,000*
1850, Purchase from Texas	78,926,720	78,842,880	83,840	
1848, Mexican Cession [2]	338,680,960	334,479,360	4,201,600	
1846, Oregon Compromise	183,386,240	180,644,480	2,741,760	
1819, Cession from Spain	46,144,640	43,342,720	[3] 2,801,920	
Red River Basin [4]	29,601,920	29,066,880	535,040	
1803, Louisiana Purchase [2]	529,911,680	523,446,400	6,465,280	
1802, estimate of public domain				*200,000,000*
1781-1802 (State Cessions)	236,825,600	233,415,680	3,409,920	

[1] Estimated from imperfect data available for indicated years.
[2] Data for Louisiana Purchase exclude area eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession.
[3] Includes 33,920 acres subsequently recognized as part of State of Texas which is not a public domain State.
[4] Represents drainage basin of Red River of the North, south of 49th parallel. Authorities differ as to method and exact date of its acquisition. Some hold it as part of Louisiana Purchase, others maintain it was acquired from Great Britain.

Source: Department of Interior. Estimated area, Bureau of Land Management; all other data, Office of the Secretary, Areas of Acquisitions to the Territory of the U. S., 1922.

No. 195.—Disposal of Public Lands: 1861 to 1949

[For years ending June 30. Data include Alaska except where noted. Period figures are totals, not averages. See also *Historical Statistics*, series F 8-16]

PERIOD OR YEAR	Cash receipts of Bureau of Land Management [1]	Land granted to States [2]	ALL ENTRIES, SELECTIONS, PATENTS, ETC.[3]			HOMESTEAD ENTRIES, EXCEPT ON CEDED INDIAN LANDS		
			All original entries and selections [4]	All final entries	Patents and certifications	Original entries		Final entries [5]
						Number	Acreage	
	1,000 dollars	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*Number*	*1,000 acres*	*1,000 acres*
1861-1870	13,324	17,657	[6] 13,341			142,210	15,931	1,379
1871-1880	17,506	3,842	62,202			327,512	39,735	17,887
1881-1890	99,269	23,367	190,697			497,083	69,773	28,961
1891-1900	33,492	14,202	106,299			456,943	62,767	31,878
1901-1910	94,095	20,300	196,841			831,841	130,737	38,819
1911-1920	67,025	6	156,402	[7] 9,778	[7] 13,327	554,026	123,826	74,316
1921-1925	64,132	1	40,619	32,765	49,752	116,914	35,080	29,468
1926-1930	40,321	408	20,612	12,748	16,606	55,589	18,380	10,923
1931-1935	21,659	275	18,232	6,847	8,977	41,610	15,266	6,234
1936-1940	38,597	203	1,037	7,396	9,373	2,944	658	6,783
1941-1945	58,428	----------	404	1,057	3,350	1,233	159	766
1946	13,840	----------	27	61	154	143	18	29
1947	21,012	----------	76	53	403	474	55	26
1948	33,286	----------	117	56	287	635	78	18
1949	37,149	----------	134	116	390	681	82	37

[1] Includes receipts from such sources as following: Sales of public and ceded Indian lands; fees and commissions; mineral rentals, royalties, and bonuses; sales of timber; grazing fees and rentals; and land rentals. For period prior to 1861, receipts were $177,230,000.
[2] As of June 30, 1949, process of legal adjudication had not yet been completed for all grants and small changes in data for certain years may occur. For period 1802-60, total land granted to States was 96,977,000 acres. Includes grants for such public purposes as following: Educational, penal, and other public institutions and buildings; bridges, reservoirs, and other internal improvements; reclamation of swamp and arid lands; experiment stations; recreation areas; wildlife and forestry areas; military camps; and payments of bonds issued by local governments. Excludes grants to aid in construction of railroads, wagon roads, canals, and river improvements, or acreage of swamplands lost to States, for which States received indemnity in cash. Excludes data for Alaska and also 10,000 acres which is due to breakage and "less than" items.
[3] Includes homesteads. [4] Includes some classes of final entries and patents prior to 1911.
[5] Excludes commuted homesteads. [6] 1868-1870 only. [7] 1920 only.
Source: Department of Interior, Bureau of Land Management; Annual Report of the Secretary, annual report of the Director, and records.

No. 196.—Public and Indian Land, Entries Under All Acts—Acreage, by States and for Alaska: 1936 to 1949

[For years ending June 30. See general note p. 161. For grand totals for earlier years, see *Historical Statistics*, series F 11-13]

CLASS AND STATE	ORIGINAL ENTRIES						Final entries, 1949	Patented, 1949
	1936-40, total	1941-45, total	1946	1947	1948	1949		
Total	**1,036,849**	**404,409**	**27,456**	**76,133**	**116,652**	**133,773**	**116,338**	**390,184**
Public land	987,684	400,239	27,416	76,093	108,533	133,402	113,879	390,184
Indian land	49,165	4,169	40	40	8,119	371	2,459	.....
All homesteads	708,410	162,736	18,260	55,092	85,734	82,712	41,541	45,353
Stock-raising homesteads	472,920	25,488	1,277	635	640	640	6,621	11,562
Other entries	328,439	241,673	9,196	21,041	30,918	51,061	74,797	344,831
Alaska	59,034	66,695	13,952	31,216	54,514	42,269	20,355	22,877
Arizona	80,874	25,157	2,580	8,533	11,453	13,542	6,516	136,019
California	[1] 209,426	89,631	1,139	10,870	10,320	22,150	18,150	32,311
Colorado	107,578	10,209	4,653	2,234	6,636	21,537	24,003	19,923
Idaho	57,488	21,573	1,486	2,159	9,096	8,897	2,644	7,111
Montana	84,619	20,929	263	572	263	504	10,325	15,013
Nevada	2,831	7,851	105	640	200	2,280	1,861	11,201
New Mexico	176,942	33,435	1,180	708	1,452	1,231	2,810	16,904
North Dakota	1,860	876	.....	.....	.....	.....	620	711
Oregon	53,878	5,136	.....	405	630	120	1,870	72,256
South Dakota	7,735	550	35	102	14	.....	652	7,026
Utah	27,091	99,689	1,040	6,542	6,617	18,046	2,920	19,070
Washington	3,333	760	445	1,439	1,144	641	8,826	8,747
Wyoming	138,074	9,830	348	9,665	14,152	1,824	4,315	7,998
Other States	26,086	12,088	230	1,048	160	732	10,471	13,017

[1] Includes 150,749 acres acquired by the State of California for State park purposes under act of June 29, 1936.

Source: Department of the Interior, Bureau of Land Management; Annual Report of the Secretary and annual report of the Director.

No. 197.—Public and Indian Land, Entries and Patents—Acreage: 1948 and 1949

[For years ending June 30. Data include Alaska. For grand totals for earlier years, see *Historical Statistics*, series F 11-13]

CLASS	1948			1949		
	Original entries	Final entries	Patented entries	Original entries	Final entries	Patented entries
Total	**116,652**	**55,969**	**286,824**	**133,773**	**116,338**	**390,184**
Homesteads	85,734	20,575	22,933	82,712	41,541	45,353
Stockraising	640	4,042	4,128	640	6,621	11,562
Enlarged	2,760	200	1,424	7,010	1,787	973
Reclamation	24,360	6,229	11,085	22,246	7,823	11,913
Forest	.....	68	.....	13	524	436
Commuted	.....	481	120	.....	2,113	1,967
Sec. 2289, original act, et al	57,974	9,555	6,176	52,803	22,673	18,502
Deserts	7,159	1,733	2,652	12,250	3,153	3,314
Public auction	.....	14,913	7,303	.....	36,052	37,436
Timber and stone	.....	80	80	.....	80	80
State selection	12,408	.....	[1] 29,875	13,641	.....	[1] 14,922
Mineral	11,343	13,732	4,354	25,170	30,601	15,924
Exchange	.....	.....	208,541	.....	.....	255,634
Miscellaneous	8	4,936	11,086	.....	4,911	17,521

[1] Includes certifications: 1948, 29,429 acres; 1949, 14,344 acres.

Source: Department of the Interior, Bureau of Land Management; Annual Report of the Secretary and annual report of the Director.

No. 198.—Public Land, Homestead Entries—Acreage, by States and for Alaska: 1926 to 1949

[For years ending June 30. See general note, p. 161. See also *Historical Statistics*, series F 15 and 16]

ITEM AND STATE	ALL HOMESTEADS							
	1926–1930, total	1931–1935, total	1936–1940, total	1941–1945, total	1946	1947	1948	1949
Original entries, total	**18,380,143**	**15,266,771**	**659,350**	**158,567**	**18,221**	**55,052**	**77,615**	**82,341**
Alabama	[1] 9,770	(2)						
Alaska	33,549	38,659	58,718	59,559	13,953	31,163	54,515	42,269
Arizona	[3] 1,727,167	1,124,034	39,910	8,199	10	635	1,700	5,627
Arkansas	125,002	[4] 43,298	(2)					
California	1,608,383	909,626	29,127	2,391	548	8,232	4,692	10,670
Colorado	1,528,449	1,028,298	58,501	7,533	1,561	1,273	1,987	972
Florida	86,305	[4] 9,554	(2)					
Idaho	927,604	694,481	56,757	16,020	770	1,499	4,817	6,663
Kansas	(2)							
Louisiana	[1] 5,732	(2)						
Michigan	(2)							
Minnesota	43,410	[4] 4,947	(2)					
Mississippi	(2)							
Montana	[3] 1,866,547	[3] 1,384,188	84,102	17,871	80	40	160	204
Nebraska	63,187	[4] 17,468	(2)					
Nevada	214,769	97,670	1,832	1,812		160	160	1,080
New Mexico	3,623,688	4,387,629	94,337	13,817	309	73	80	754
North Dakota	57,256	79,152	1,860	875				
Oklahoma	[1] 25,871	(2)						
Oregon	727,910	561,227	50,963	3,373		385	480	120
South Dakota	276,295	220,963	7,695					
Utah	[3] 1,260,956	609,755	26,811	12,650	640	41	2,235	11,787
Washington	70,088	67,354	2,733	320		1,264	909	201
Wisconsin	(2)							
Wyoming	4,064,145	3,894,074	125,425	2,694	160	9,279	5,720	1,262
Bureau of Land Management [2]	34,063	94,395	20,579	11,453	190	1,008	160	732
Final entries [5]	10,922,304	6,233,399	6,783,129	764,204	29,368	25,987	18,453	36,969

[1] 1926 and 1927 only.
[2] Entries, if any, included with Bureau of Land Management, for States no longer having local offices.
[3] Includes entries of abandoned military reservations.
[4] 1931 to 1933.
[5] Excludes commuted homesteads.

Source: Department of the Interior, Bureau of Land Management; Annual Report of the Secretary and annual report of the Director.

No. 199.—Grazing Districts—Acreage as of June 30, 1949; Permitted Operators and Use, for Fiscal Year 1949

STATE	Area (acres)	Operators (number)	ANIMAL-UNIT-MONTHS OF USE	
			Livestock	Wildlife
Total	**148,461,278**	**21,081**	**14,572,272**	**1,153,954**
Arizona	12,627,469	607	554,330	21,758
California	3,625,483	467	481,115	92,175
Colorado	8,041,326	2,015	985,714	247,787
Idaho	12,815,863	3,299	1,388,265	98,631
Montana	5,904,587	3,258	938,377	46,400
Nevada	37,672,750	1,159	2,266,783	160,990
New Mexico	14,991,638	4,030	2,117,347	61,301
Oregon	12,673,759	1,407	1,126,517	125,748
Utah	25,424,621	3,467	2,775,163	216,751
Wyoming	14,683,782	1,372	1,938,661	82,413

Source: Department of the Interior, Bureau of Land Management; Annual Report of the Secretary and annual report of the Director.

No. 200.—Receipts Under Mineral Leasing Act of Feb. 25, 1920, through 1949, and Mineral Leases in Force as of June 30, 1949, by States, and for Alaska

[All money figures in thousands of dollars. Excludes leasing activities of agencies other than Bureau of Land Management. Receipts under all mineral-leasing acts administered by Bureau of Land Management amounted to $30,959,574 in 1949, including those shown here]

STATE	RECEIPTS (YEARS ENDING JUNE 30)							LEASES IN FORCE JUNE 30, 1949 [1]	
	Total	1920–44, total	1945	1946	1947	1948	1949	Number	Acres
Total	**240,760**	**152,226**	**10,060**	**10,031**	**15,122**	**24,351**	**28,971**	**21,906**	**19,112,161**
Alabama	211	208	[2]	1	[2]	[2]	1	10	1,209
Alaska	1	1		[2]		1		7	9,725
Arizona	107	17	4	8	13	13	52	251	153,360
Arkansas	5	[2]	2		1	1	1	14	4,767
California	75,240	49,915	3,164	3,255	4,730	6,631	7,545	2,011	691,776
Colorado	13,043	2,464	400	841	1,837	3,233	4,266	2,325	2,260,221
Florida	[2]			[2]		[2]	[2]	4	440
Idaho	310	43	1	8	46	11	201	268	471,521
Kansas	186	26	74	8	19	26	33	72	34,274
Louisiana	778	661	21	14	23	27	32	80	14,924
Michigan	17	3	3	3	[2]	2	5	6	2,175
Mississippi	3	[2]	[2]	[2]	1	[2]	1	66	5,132
Montana	7,968	4,153	456	598	759	857	1,145	1,691	1,253,293
Nebraska	1	1	[2]		[2]	[2]	[2]	7	1,258
Nevada	118	33	15	14	20	20	17	394	123,419
New Mexico	22,900	9,934	1,667	1,584	2,100	3,783	3,833	3,991	4,239,258
North Dakota	689	552	47	25	27	32	4	72	25,161
Oklahoma	64	13	10	7	6	10	17	214	55,198
Oregon	16	1	3	2	2	[2]	9	18	26,286
South Dakota	87	54	7	7	7	10	3	105	110,917
Utah	5,430	2,589	343	304	559	661	974	1,518	2,036,487
Washington	92	78	2	4	3	3	1	4	1,216
Wyoming	113,494	81,480	3,841	3,348	4,968	9,030	10,827	8,778	7,590,144

[1] Data for all leases except those on acquired lands. See note 1, table 201.
[2] Less than $500.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

No. 201.—Public Lands—Leases, Permits, and Licenses Outstanding—Number and Acreage, by Class: June 30, 1949

[Data include Alaska]

CLASS	Number	Acres	CLASS	Number	Acres
MINERAL			OTHER		
Grand total	**22,244**	**19,828,174**	**Grand total**	**21,770**	**14,269,706**
Leases, total [1]	**21,906**	**19,112,161**	**Leases, total**	**21,515**	**13,862,412**
Oil and gas [1]	21,513	18,960,236	Grazing, Taylor Act	10,765	12,119,326
Coal	347	85,665	Grazing, Alaska	11	1,232,876
Potash	23	52,775	Grazing, Oreg. and Calif.	254	350,488
Phosphate	17	10,006	Fur farm, Alaska	8	61,412
Sodium	4	3,079	Aviation	36	23,711
Silica sands	2	400	Mineral or medicinal spring	2	441
Permits, total [1]	**287**	**714,121**	Recreational	18	22,019
Quartz	1	1,364	Boy Scout camp	1	80
Coal	55	73,242	Water well	13	450
Potash	177	348,355	Bathing beach	1	33
Sodium	52	101,720	Small tract	10,405	51,096
Vanadium	2	189,440	Other	1	480
Licenses, total	**51**	**1,892**	**Permits, total [1]**	**255**	**407,294**
Coal	51	1,892	Special land use	255	407,294

[1] Does not include 17 oil and gas leases (9,201 acres) within naval reserves and the following on acquired lands: Oil and gas, 403 leases (456,384 acres); and various minerals, 92 permits (40,206 acres).
[2] Excludes grazing licenses and permits within grazing district, 21,081 (140,000,000 acres).

Source: Department of the Interior, Bureau of Land Management; Annual Report of the Secretary, and annual report of the Director.

No. 202.—Land Grants to States—Acreage, by States and for Alaska, to June 30, 1949

[In thousands of acres. Includes grants of scrip]

State	Total	Purpose of grant								
		Support of common schools	Support of other schools	Support of other institutions	Construction of railroads	Construction of wagon roads	Construction of canals and improvement of rivers	Construction of miscellaneous internal improvements	Reclamation of swamplands	Other purposes
Total	**245,286**	**98,532**	**17,034**	**[1] 3,993**	**37,129**	**3,359**	**[2] 6,104**	**7,807**	**64,890**	**6,438**
Alabama	5,006	912	384	[3]	2,747		400	97	441	25
Alaska	21,447	21,009	438							
Arizona	10,544	8,093	849	500						1,101
Arkansas	11,937	934	196		2,564			500	7,687	57
California	8,822	5,534	196					500	2,193	400
Colorado	4,472	3,686	138	32				500		116
Connecticut	180		180							
Delaware	90		90							
Florida	24,206	975	182		2,219			500	20,324	5
Georgia	270		270							
Idaho	4,269	2,964	387	[1] 250						669
Illinois	6,235	996	526		2,595		324	209	1,460	124
Indiana	4,040	669	436			171	1,480		1,259	26
Iowa	8,061	1,001	286		4,707		321	500	1,196	50
Kansas	7,795	2,908	151	[3]	4,176			500		59
Kentucky	355		330	25						
Louisiana	11,427	807	256		373			500	9,491	
Maine	210		210							
Maryland	210		210							
Massachusetts	360		360							
Michigan	12,144	1,022	286		3,134	221	1,251	500	5,680	49
Minnesota	16,422	2,875	212		8,047			500	4,707	81
Mississippi	6,097	824	348		1,075			500	3,348	1
Missouri	7,417	1,222	376		1,838			500	3,432	49
Montana	5,963	5,198	389	100						276
Nebraska	3,459	2,731	136	32				500		60
Nevada	2,725	2,062	136	13				500		14
New Hampshire	150		150							
New Jersey	210		210							
New Mexico	12,795	8,711	1,347	750			100			1,887
New York	990		990							
North Carolina	270		270							
North Dakota	3,164	2,495	336	[1] 250						82
Ohio	2,759	724	699			81	1,204		26	24
Oklahoma	3,096	1,375	1,050	[1] 671						
Oregon	7,033	3,399	136			2,584		500	286	127
Pennsylvania	780		780							
Rhode Island	120		120							
South Carolina	180		180							
South Dakota	3,435	2,733	366	[1] 251						86
Tennessee	300		300							
Texas	180		180							
Utah	7,502	5,844	556	500						601
Vermont	150		150							
Virginia	300		300							
Washington	3,044	2,376	336	[1] 200						132
West Virginia	150		150							
Wisconsin	10,179	982	332		3,652	303	1,022	500	3,360	26
Wyoming	4,338	3,470	136	[1] 420						312

[1] Includes acreage of grants for "educational and charitable" purposes as follows: Idaho, 150,000; North Dakota, 170,000; South Dakota, 170,000; Washington, 200,000. Includes also 669,000 acres granted to Oklahoma for "charitable, penal, and public building" purposes, and 290,000 acres granted to Wyoming for "charitable, educational, penal, etc." purposes.

[2] River-improvement grants, 1,505,000 acres (Alabama, 400,000; Iowa, 321,000; New Mexico, 100,000; Wisconsin, 684,000). Canal grants 4,599,000 acres.

[3] Less than 500 acres.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director.

No. 203.—Public Lands, Unappropriated and Unreserved—Acreage, by States: June 30, 1900 to 1949

[Public lands outside Alaska withdrawn for classification by Executive orders issued in 1934 and 1935, in furtherance of Taylor Grazing Act and for conservation and development of natural resources. Figures exclude unappropriated and unreserved public lands in Alaska estimated at 270,000,000 acres on June 30, 1949. For U. S. totals, see also *Historical Statistics*, series F 8]

STATE	1900	1910	1920	1930	1940	1948	1949
Total	[1] 557,643,120	343,971,674	200,320,128	178,979,446	[2] 179,825,935	[2] 171,051,310	[2] 170,001,006
Alabama	359,250	108,210	37,200	(3)	15,640	28,082	27,358
Arizona	50,286,986	41,491,369	18,268,909	15,180,880	13,869,348	12,116,185	12,796,686
Arkansas	3,493,444	512,705	276,595	190,969	129,962	137,167	136,023
California	42,467,512	24,864,884	19,585,801	16,623,488	16,968,775	16,370,861	16,291,127
Colorado	39,650,247	21,726,192	8,941,185	8,027,468	7,937,490	8,155,927	8,091,990
Florida	1,596,411	453,009	120,077	18,897	13,775	24,214	24,248
Idaho	43,286,694	24,743,804	8,805,112	10,617,970	11,879,452	12,599,127	11,126,871
Indiana						11	11
Kansas	1,196,900	137,180	4,346	(3)	2,890	3,005	3,023
Louisiana	442,224	88,911	14,240	(3)	5,716	7,393	7,335
Michigan	430,483	107,890	73,523	(3)	15,810	16,104	15,646
Minnesota	4,696,203	1,563,302	256,297	189,845	238,188	92,857	93,125
Mississippi	285,804	47,058	33,360	(3)	12,887	18,034	17,577
Missouri	337,946	2,510	18	(3)	432	1,054	1,004
Montana	67,963,057	36,015,943	5,973,741	6,601,677	6,459,860	6,781,275	6,774,864
Nebraska	9,798,688	1,879,486	66,844	22,628	28,698	28,232	28,717
Nevada	61,277,506	56,474,688	54,267,175	51,454,493	51,143,840	45,114,179	45,388,896
New Mexico	56,541,170	36,454,692	18,448,878	15,664,121	15,695,468	14,768,163	14,651,643
North Dakota	18,725,239	1,410,225	81,044	146,505	107,583	97,227	98,000
Oklahoma	5,733,572	5,007	7,404	(3)	23,157	25,392	25,957
Oregon	34,377,907	17,580,573	14,006,757	13,069,136	12,774,184	13,210,184	12,912,924
South Dakota	11,930,809	4,562,804	288,472	439,880	279,087	307,123	318,768
Utah	42,967,451	35,955,554	29,991,715	23,881,445	25,733,585	23,954,184	24,065,565
Washington	11,125,883	3,196,059	1,086,686	920,584	577,419	493,501	493,278
Wisconsin	313,565	14,460	5,154	(3)	6,160	6,362	6,151
Wyoming	48,358,169	34,575,159	19,679,595	15,929,460	15,906,529	16,695,467	16,604,219

[1] Exclusive of Cherokee Strip, containing 8,004,644 acres, and all other lands owned or claimed by Indians in Indian Territory west of ninety-sixth degree of longitude.
[2] Includes acreage of public lands within grazing districts, as follows: 1940, 131,926,135; 1948, 134,898,370; 1949, 133,833,501.
[3] Data not tabulated.

Source: Department of the Interior, Bureau of Land Management; annual report of the Director and records.

No. 204.—Areas Administered by the National Park Service—Acreage and Number of Visitors: 1949

[For figures for continental U. S. only, see *Historical Statistics*, series F 17-18]

TYPE OF AREA	Number of areas, June 30	Net acreage, June 30	Visitors Oct. 1 to Sept. 30, 1949
Areas administered by national park service, total	180	23,021,122.04	31,864,180
National park system:			
Continental United States, total	168	13,887,241.39	27,360,592
National parks	26	9,306,826.10	12,428,948
National monuments	82	4,388,194.56	4,797,671
National military parks	11	24,076.65	[1] 1,709,718
National historical parks	5	10,324.71	1,471,522
National memorial parks	1	58,341.26	81,965
National battlefield parks	2	3,778.65	254,134
National battlefield sites	6	188.33	
National cemeteries	10	217.01	
National historic sites	12	2,874.74	877,077
National memorials	9	1,988.71	[2] 1,073,879
National capital parks	1	29,046.52	[3] 3,234,678
National parkways	3	61,384.15	[4] 1,431,000
Alaska and Hawaii, total	6	7,108,006.37	383,888
National parks	2	2,112,723.64	377,026
National monuments	4	4,995,282.73	6,862
Other areas administered by national park service, total	6	2,025,874.28	4,119,700
National recreational areas	3	2,009,833.00	4,119,700
Recreational demonstration areas	2	16,001.28	[5]
National historic site [6]	1	40.00	[5]

[1] Includes national cemeteries adjoining military parks.
[2] Other than those supervised by National Capital Parks.
[3] Includes memorials supervised by National Capital Parks, also Prince William Forest Park, Virginia, and Chesapeake and Ohio Canal, Maryland.
[4] Blue Ridge Parkway visitors. No record for other 2 parkways.
[5] No record.
[6] Administered pursuant to cooperative agreement with Department of the Army.

Source: Department of the Interior National Park Service; Annual Report of the Secretary.

No. 205.—Visitors to National Park Service Areas: 1916 to 1949

[Includes data for Alaska and Hawaii. Visitors to these areas were 383,888 in 1949. Record of visitors to National Monuments not available for years prior to 1919. For figures for continental U. S. only, see *Historical Statistics*, series F 18]

YEAR ENDING SEPT. 30	Number	YEAR ENDING SEPT. 30	Number	YEAR ENDING SEPT. 30	Number
1916	356,097	1928	3,024,544	1940	16,755,251
1917	488,268	1929	3,248,264	1941	21,050,426
1918	451,661	1930	3,246,656	1942	10,768,661
1919	811,516	1931	3,544,938	1943	6,908,749
1920	1,058,455	1932	3,754,596	1944	8,146,464
1921	1,171,797	1933	3,481,590	1945	10,521,375
1922	1,216,497	1934	6,337,206	1946	21,682,782
1923	1,493,712	1935	7,676,490	1947	25,265,229
1924	1,670,908	1936	11,989,793	1948	29,608,318
1925	2,054,922	1937	15,133,432	1949	31,864,180
1926	2,314,955	1938	16,331,467		
1927	2,797,840	1939	15,530,636		

Source: Department of the Interior, National Park Service; Annual Report of the Secretary and records.

No. 206.—Lands Under Jurisdiction of Office of Indian Affairs—Acreage, by States: 1881 to 1945

[Taxable lands included in years prior to 1945. Figures for 1945 are for nontaxable lands only]

STATE	1881	1900	1911	1933	JAN. 1, 1945 [1]			
					Total	Trust allotted	Tribal	Government owned
Acres, total	**155,632,312**	**78,372,185**	**71,646,796**	**52,651,393**	**55,362,949**	**16,795,528**	**37,250,920**	**1,316,501**
Arizona	3,092,720	15,150,757	17,358,746	18,657,984	19,457,374	263,996	19,152,712	40,666
Arkansas				80	95	95		
California	415,841	406,396	437,629	625,354	548,408	75,302	456,211	16,895
Colorado	12,467,200	483,750	556,561	443,751	730,513	25,830	704,109	574
Florida		23,062	23,542	125,880	80,028		80,028	
Idaho	2,748,981	1,364,500	770,706	803,239	864,610	446,400	378,171	40,039
Iowa	692	2,965	3,251	3,361	1,806	1,059	669	78
Kansas	137,747	28,279	273,408	34,821	36,423	33,710	1,697	1,016
Michigan	66,332	8,317	153,910	20,233	26,397	15,349	7,026	4,022
Minnesota	5,026,447	1,566,707	1,480,647	549,320	863,028	170,509	659,961	32,558
Mississippi				3,863	15,488		15,280	208
Montana	29,356,800	9,500,700	6,263,151	6,055,009	6,502,211	5,163,777	1,217,967	120,467
Nebraska	436,252	74,592	344,375	69,280	28,073	14,214	13,706	153
Nevada	885,015	954,135	696,749	866,176	1,141,362	85,865	1,051,382	4,115
New Mexico	7,228,731	1,667,485	4,520,652	6,188,964	6,717,033	1,002,460	4,938,032	776,541
New York	86,366	87,677	87,677		86,008	30	85,978	
North Carolina	65,211	98,211	63,211	57,705	55,784		55,399	385
North Dakota	(2)	3,701,724	2,786,162	1,034,123	1,091,124	1,003,920	77,504	9,700
Oklahoma	41,100,915	26,397,237	22,736,473	2,919,886	2,468,770	2,341,356	73,378	54,036
Oregon	3,853,800	1,300,225	1,719,561	1,718,510	1,733,080	393,430	1,331,834	7,816
Pennsylvania					640		640	
South Dakota	[2] 36,616,448	8,991,791	7,221,939	5,544,424	5,779,684	4,420,621	1,213,559	145,504
Texas					4,351	1,280		3,071
Utah	2,039,040	2,039,040	291,101	1,571,020	1,874,966	90,895	1,774,486	9,585
Washington	7,079,348	2,333,574	2,948,708	2,712,915	2,722,397	959,050	1,756,558	6,789
Wisconsin	586,026	381,061	590,094	395,919	452,678	147,071	264,318	41,289
Wyoming	2,342,400	1,810,000	[3] 318,543	2,249,576	2,080,618	139,309	1,940,315	994

[1] Total acres for 1946 are as follows: Total (nontaxable lands only), 56,567,458; trust allotted, 17,142,896; tribal, 37,523,662; government owned, 1,900,900.
[2] Dakota Territory.
[3] Excludes ceded lands amounting to 1,472,000 acres. All other years include ceded land.

Source: Department of the Interior, Office of Indian Affairs; Statistical Supplement to Annual Report of Commissioner of Indian Affairs.

8. Labor Force, Employment, and Earnings

The various series of labor statistics covered in this section may be classified as of one of two types and these types differ somewhat in concept and purpose. One type of labor statistics is obtained by the "population approach," and includes data from the Census of Population and the Current Population Survey of the Bureau of the Census. These surveys involve an enumeration of individual persons and obtain information on employment activity from workers or members of their households. Each employed worker is counted only once, even though he may have held two or more jobs during a given period. The population approach permits a direct enumeration not only of employed persons but also of unemployed workers, the self-employed, domestic servants, service trade workers, and others who are not found on the pay rolls of any establishment.

The second type of labor statistics is obtained by the "establishment approach," and includes data from the monthly series of the Bureau of Agricultural Economics of the Department of Agriculture, and the Bureau of Labor Statistics of the Department of Labor. These data are similar to those provided by the Census of Manufactures and other industrial censuses in that they are based on reports from employers; i. e., farms, businesses, or industrial establishments. In adding together data from the reports of different employers the establishment approach counts twice or more any worker who works for two or more employers during a given pay-roll period, but permits a better analysis of such data as wages, hours, labor turn-over, and industry affiliation which can be more accurately obtained from employers' records than by inquiries directed to a worker or a member of his household. The sampling methods usually used in the collection of statistics from establishments yield estimates of employment that may be subject to some error as well as to a small downward bias arising from inadequate representation of new firms entering business. Accurate estimates are maintained, however, by annual adjustment to "benchmark" data from tabulations of employer reports obtained in connection with Social Security programs and other sources, and by correcting current figures for selected industries for bias on the basis of past experience.

Labor force.—The labor force as now commonly defined in surveys utilizing the population approach includes persons 14 years old and over who had a job or were seeking one during a specified week. (For detailed definitions of various work status classes, see footnotes to table 221.) Population censuses earlier than 1940 used instead a concept of "gainful workers." This differed from the labor force concept in that it included all persons 10 years old and over who reported a gainful occupation, regardless of whether or not they were working or seeking work at the time of the census, and excluded in general new job seekers without previous experience in a gainful occupation. The Decennial Census of Population provides detailed data for the United States as a whole and for each State, city, and other area, including personal characteristics (sex, age, color, etc.) of the labor force, the numbers employed and unemployed, the number reporting themselves in each occupation and in each industry, and other items. The Census Bureau's Current Population Survey, a monthly enumeration of approximately 25,000 households throughout the Nation, provides current data published in *Current Population Reports—Monthly Report on the Labor Force.* Data presented include national totals, by sex and age, of the number of persons in the civilian labor force, the number employed in nonagricultural industry, the number employed in agriculture, the number unemployed, and the number of nonworkers. Also provided are data on hours of work and major occupational group of those em-

ployed and duration of unemployment of those unemployed. A statement indicating the sampling reliability of estimates based on this sample is given in the Sampling Note, p. 183.

Agricultural employment.—The establishment-type series are available for both agricultural and nonagricultural employment. Agricultural employment estimates, obtained by means of monthly mail returns from crop reporters, have been issued since 1909 by the Department of Agriculture.

Nonagricultural employment.—The monthly estimates of employment in nonagricultural establishments prepared by the Bureau of Labor Statistics are based on voluntary reports from about 35,200 establishments in manufacturing industries and from about 83,400 establishments in selected nonmanufacturing industries, supplemented by data from other Government agencies and adjusted at intervals to data from tabulations of reports under Social Security programs. These estimates exclude proprietors of unincorporated businesses, self-employed persons, domestic servants, and unpaid family workers, most of whom cannot be covered easily by the establishment approach. Persons in the armed forces are also excluded. Estimates are available for *total* employment for 8 major industry divisions, for 21 manufacturing groups, for 108 manufacturing industries, and for selected nonmanufacturing industries. Employment data as well as average weekly hours, and average weekly and hourly earnings are available for *production and related* workers in 108 manufacturing industries; in mining, power laundries, and cleaning and dyeing industries, and for nonsupervisory employees and working supervisors in other selected nonmanufacturing industries.

The employment data are for all full and part-time employees who worked or received pay for any part of the period reported.

The earnings data are gross, before pay-roll deductions and include overtime premiums; they exclude irregular bonuses and value of payments in kind. Hours are those actually worked or paid for.

For government and certain other segments of employment, the employment reports of the Bureau of Labor Statistics are supplemented by data from the Interstate Commerce Commission, the Maritime Commission, the Civil Service Commission, the Bureau of the Census and other agencies.

All BLS series reflect major revisions first published in September 1949. These revisions include: The reclassification of establishments according to current rather than prewar product or activity; the use of 1947 and 1948 benchmarks; and the adoption of the Standard Industrial Classification (1945) in manufacturing. Consequently, there is a lack of historical continuity, prior to 1947, for many industries and a substantial change in the list and definitions of the industries for which statistics are prepared. Continuous data for all currently published series begin with January 1947. Continuity with data prior to 1947 has been maintained for total nonagricultural employment, the major industry divisions, and all manufacturing production-worker employment, hours and earnings.

Output per man-hour.—The Bureau of Labor Statistics prepares annual statistics on output per man-hour. Data are published for 19 manufacturing industries, 5 mining industries, 3 public utilities, and agriculture. Output per man-hour refers to production, in physical units, per man-hour of work. The indexes measure the relationships between the volume of goods produced and one factor of input—labor time. The data do not measure the specific contribution of labor or capital nor do they reflect increased efficiency resulting from more economical use of fuel and materials, or more efficient integration of industries.

Labor turn-over.—Labor turn-over estimates are published monthly by the Bureau of Labor Statistics for 88 industries in 20 major divisions in manufacturing and for selected nonmanufacturing industries, on the basis of 7,500 reports from cooperating establishments. The turn-over data are for the entire month rather than the pay-roll

period ending nearest the middle of the month as in the case of employment, hours, and earnings data.

Work stoppages.—Statistical data on work stoppages due to labor-management disputes cannot be collected in the same fashion as other labor information since such stoppages are sporadic and cannot be covered by a routine periodic reporting service. The basic measures of strike statistics as now compiled by the Bureau of Labor Statistics are the number of stoppages, the number of workers involved, and the number of man-days of idleness. Basic statistical data are obtained from the employers and unions involved, as well as from third parties, such as State and Federal mediation services, where possible. From the data given on the schedules, the Bureau prepares annual reports (published in the May *Monthly Labor Review* and later in bulletin form) which give not only the complete and verified total figures for each month of the year but also analyses on strikes by industry, State, city, and by causes, labor organizations involved, and other pertinent classifications.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series D 11–31") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 207.—Labor Force—Persons Gainfully Occupied in Agricultural and in Nonagricultural Pursuits; and Women in Labor Force or Gainfully Occupied: 1820 to 1940

[Figures for 1940 relate to the labor force; those for earlier years relate to gainful workers. For differences in concepts, see text statement, p. 170. See also *Historical Statistics*, series D 1-10]

Year	All persons 10 years old and over					Women in labor force or gainfully occupied, 15 years old and over [1]		
	Population 10 years old and over	Number of persons engaged in—				Total number	Married	
		All occupations		Nonagricultural pursuits	Agricultural pursuits		Number	Percent
		Number	Percent of population 10 and over					
1820	[2] 6,487,815	2,881,000	44.4	812,042	2,068,958			
1830	[3] 8,639,412	3,931,537	45.5	1,159,084	2,772,453			
1840	[4] 11,629,006	5,420,000	46.6	1,700,049	3,719,951			
1850	16,452,835	7,697,196	46.8	2,795,314	4,901,882			
1860	22,429,625	10,532,750	47.0	4,325,116	6,207,634			
1870	29,123,683	12,924,951	44.4	6,075,179	6,849,772			
1880	36,761,607	17,392,099	47.3	8,807,289	8,584,810			
1890 [5]	47,413,559	23,318,183	49.2	13,379,810	9,938,373	3,712,144	515,260	13.9
1900	57,949,824	29,073,233	50.2	18,161,235	10,911,998	4,997,415	769,477	15.4
1910	71,580,270	37,370,794	52.2	25,779,027	11,591,767	7,639,828	1,890,661	24.7
1920	82,739,315	42,433,535	51.3	30,984,765	11,448,770	8,346,796	1,920,281	23.0
1930	98,723,047	48,829,920	49.5	38,357,922	10,471,998	10,632,227	3,071,302	28.9
1940	110,443,129	[6] 52,148,251	47.2	42,985,704	9,162,547	13,840,000	5,040,000	36.4

[1] Figures for 1940 are revised estimates of labor force 14 years old and over during the census week; see Bureau of the Census, *Current Population Reports*, Series P-50, No. 2. Figures for prior years are for gainfully occupied 15 years old and over.

[2] See U. S. Bureau of the Census, *Supplementary Analysis of Twelfth Census*, p. 408.

[3] Includes 9,419 out of 11,130 persons for whom age was not ascertained.

[4] Final figures, after re-enumeration of Montgomery County, Maryland, in 1841.

[5] Excludes persons in Indian Territory and on Indian reservations, areas specially enumerated at that census, but for which areas no occupation statistics are available. Figures for the remaining area are corrected figures; for explanation, see analysis of occupation returns for 1890 in *Twelfth Census (1900) Special Reports*, "Occupations," pp. lxvi-lxxiii.

[6] May differ from 1940 data in other tables because of following adjustments to improve comparability: New workers have been excluded; children 10 to 13 (estimated) engaged in agricultural and nonagricultural pursuits have been included; persons on public emergency work previously in agricultural pursuits (estimated) have been included; number of persons classified in agricultural pursuits was revised as a result of occupation classification revision in 1940.

Source: Department of Commerce, Bureau of Census; 16th Census Reports, Vol. III and Vol. IV, Comparative Occupation Statistics for the U. S., 1870–1940, and Release Series P-9, No. 11; 15th Census Reports, Population, Vol. IV; and Current Population Reports, Series P-50, No. 2.

No. 208.—Gainful Workers 14 Years Old and Over, 1900 to 1930, and Total Labor Force, 1940, by Age and Sex

Year and age (years)	Population			Gainful workers or labor force [1]					
				Total	Male	Female	Percent of population		
	Total	Male	Female				Total	Male	Female
1900									
Total, 14 and over	**51,438,154**	**26,413,739**	**25,024,415**	**28,282,610**	**23,168,149**	**5,114,461**	**55.0**	**87.7**	**20.4**
14 and 15	3,101,582	1,562,726	1,538,856	959,555	678,724	280,831	30.9	43.4	18.2
16 to 20	7,554,565	3,716,714	3,837,851	4,093,392	2,855,425	1,237,967	54.2	76.8	32.3
21 to 24	5,803,522	2,888,931	2,914,591	3,587,704	2,689,226	898,478	61.8	93.1	30.8
25 to 34	12,085,480	6,224,864	5,860,616	7,162,189	5,993,847	1,168,342	59.3	96.3	19.9
35 to 44	9,211,947	4,872,781	4,339,166	5,379,714	4,704,682	675,032	58.4	96.6	15.6
45 to 54	6,397,441	3,402,458	2,994,983	3,691,084	3,250,259	440,825	57.7	95.5	14.7
55 to 64	4,002,535	2,062,424	1,940,111	2,112,886	1,856,181	256,705	52.8	90.0	13.2
65 and over	3,080,498	1,555,418	1,525,080	1,202,443	1,063,856	138,587	39.0	68.4	9.1
Age unknown	200,584	127,423	73,161	93,643	75,949	17,694	46.7	59.6	24.2
1910									
Total, 14 and over	**64,321,252**	**33,361,779**	**30,959,473**	**37,271,360**	**29,482,534**	**7,788,826**	**57.9**	**88.4**	**25.2**
14 and 15	3,569,347	1,798,449	1,770,898	1,094,249	744,109	350,140	30.7	41.4	19.8
16 to 20	9,197,000	4,564,179	4,632,821	5,463,223	3,615,623	1,847,600	59.4	79.2	39.9
21 to 44 [2]	34,181,292	17,849,843	16,331,449	21,565,178	17,262,209	4,302,969	63.1	96.7	26.3
45 and over	17,373,613	9,149,308	8,224,305	9,148,710	7,860,593	1,288,117	52.7	85.9	15.7
1920									
Total, 14 and over	**74,144,443**	**37,953,960**	**36,190,483**	**41,236,185**	**32,806,478**	**8,429,707**	**55.6**	**86.4**	**23.3**
14 and 15	3,907,710	1,958,976	1,948,734	682,795	455,989	226,806	17.5	23.3	11.6
16 and 17	3,828,131	1,902,867	1,925,264	1,712,648	1,103,456	609,192	44.7	58.0	31.6
18 and 19	3,740,980	1,845,246	1,895,734	2,246,203	1,443,968	802,235	60.0	78.3	42.3
20 to 24	9,277,021	4,527,045	4,749,976	5,930,467	4,121,392	1,809,075	63.9	91.0	38.1
25 to 44	31,278,522	16,028,920	15,249,602	18,996,959	15,579,586	3,417,373	60.7	97.2	22.4
45 to 64	17,030,165	9,114,960	7,915,205	9,904,654	8,552,175	1,352,479	58.2	93.8	17.1
65 and over	4,933,215	2,483,071	2,450,144	1,689,737	1,492,837	196,900	34.3	60.1	8.0
Age unknown	148,699	92,875	55,824	72,722	57,075	15,647	48.9	61.5	28.0
1930									
Total, 14 and over	**89,100,555**	**45,087,507**	**44,013,048**	**48,594,592**	**37,915,544**	**10,679,048**	**54.5**	**84.1**	**24.3**
14 and 15	4,678,084	2,361,134	2,316,950	431,790	298,482	133,308	9.2	12.6	5.8
16 and 17	4,663,137	2,339,070	2,324,067	1,478,841	964,494	514,347	31.7	41.2	22.1
18 and 19	4,593,279	2,264,107	2,329,172	2,542,213	1,599,768	942,445	55.3	70.7	40.5
20 to 24	10,870,378	5,336,815	5,533,563	7,147,053	4,799,505	2,347,548	65.7	89.9	42.4
25 to 34	18,954,029	9,421,966	9,532,063	11,823,004	9,168,666	2,654,338	62.4	97.3	27.8
35 to 44	17,198,840	8,816,319	8,382,521	10,500,540	8,608,202	1,892,338	61.1	97.6	22.6
45 to 54	13,018,083	6,803,569	6,214,514	7,831,161	6,565,135	1,266,026	60.2	96.5	20.4
55 to 64	8,396,898	4,367,500	4,029,398	4,590,592	3,941,514	649,078	54.7	90.2	16.1
65 and over	6,633,805	3,325,211	3,308,594	2,204,967	1,938,749	266,218	33.2	58.3	8.0
Age unknown	94,022	51,816	42,206	44,431	31,029	13,402	47.3	59.9	31.8
1940									
Total, 14 and over	**101,102,924**	**50,553,748**	**50,549,176**	**52,789,499**	**39,944,240**	**12,845,259**	**52.2**	**79.0**	**25.4**
14 and 15	4,828,249	2,440,453	2,387,796	249,521	195,919	53,602	5.2	8.0	2.2
16 and 17	4,892,170	2,462,443	2,429,727	1,029,291	715,027	314,264	21.0	29.0	12.9
18 and 19	5,018,834	2,495,373	2,523,461	2,645,289	1,635,798	1,009,491	52.7	65.6	40.0
20 to 24	11,587,835	5,692,392	5,895,443	7,670,549	5,011,457	2,659,092	66.2	88.0	45.1
25 to 34	21,339,026	10,520,974	10,818,052	13,576,571	10,015,331	3,561,240	63.6	95.2	32.9
35 to 44	18,333,220	9,164,794	9,168,426	11,143,700	8,678,280	2,465,420	60.8	94.7	26.9
45 to 54	15,512,071	7,962,019	7,550,052	8,995,585	7,329,310	1,666,275	58.0	92.1	22.1
55 to 64	10,572,205	5,409,180	5,163,025	5,378,609	4,533,909	844,700	50.9	83.8	16.4
65 and over	9,019,314	4,406,120	4,613,194	2,100,384	1,829,209	271,175	23.3	41.5	5.9

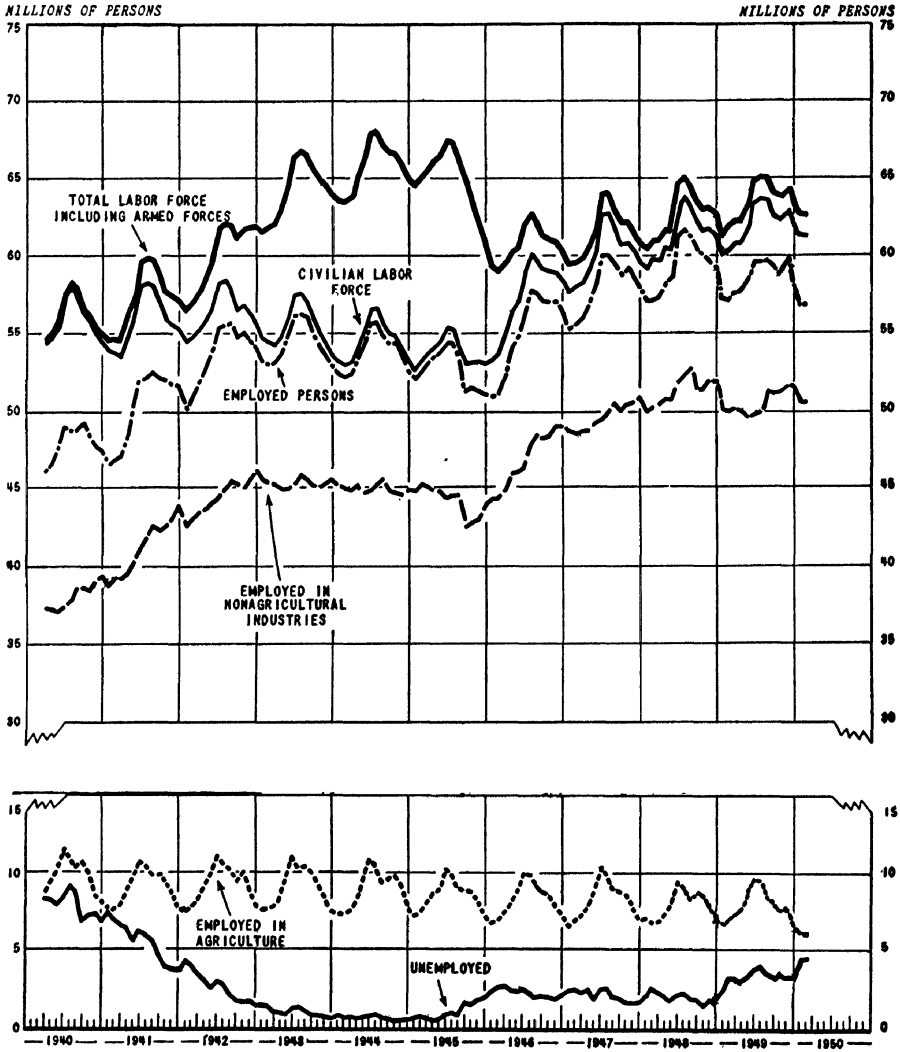
[1] Figures for 1900 to 1930 represent gainful workers; those for 1940 represent the total labor force. For differences in concepts, see text, p. 170.

[2] Including data for age unknown.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population. Vol. III.

FIGURE H.—TRENDS IN THE LABOR FORCE: 1940 TO 1950

[See tables 209 and 211]



Source: Department of Commerce, Bureau of the Census.

No. 209.—Employment Status of the Noninstitutional Population, by Sex: 1929 to 1949

[**Thousands of persons 14 years old and over.** Unemployed persons include persons looking for work and persons on public emergency work projects. Data in tables 209–211, based on Current Population Survey (see Sampling Note p. 183), are not entirely comparable with those presented in tables 207, 208, 221–226, which are based on reports of the 1940 census. For an explanation of differences, see Department of Commerce, Bureau of the Census; *Current Population Reports—Labor Force Bulletin* (Series P-50, No. 2). See also *Historical Statistics*, series D 11-31]

Annual average or monthly estimate	Total, noninstitutional population [1]	In labor force				Not in labor force			
		Total, including armed forces	Civilian labor force			Total	Keeping house	In school	Other
			Total	Employed	Unemployed				
BOTH SEXES									
1929	----	49,440	49,180	47,630	1,550	----	----	----	----
1930	----	50,080	49,820	45,480	4,340	----	----	----	----
1931	----	50,680	50,420	42,400	8,020	----	----	----	----
1932	----	51,250	51,000	38,940	12,060	----	----	----	----
1933	----	51,840	51,590	38,760	12,830	----	----	----	----
1934	----	52,490	52,230	40,890	11,340	----	----	----	----
1935	----	53,140	52,870	42,260	10,610	----	----	----	----
1936	----	53,740	53,440	44,410	9,030	----	----	----	----
1937	----	54,320	54,000	46,300	7,700	----	----	----	----
1938	----	54,950	54,610	44,220	10,390	----	----	----	----
1939	----	55,600	55,230	45,750	9,480	----	----	----	----
1940	100,230	56,030	55,640	47,520	8,120	44,200	----	----	----
1941	101,370	57,380	55,910	50,350	5,560	43,990	----	----	----
1942	102,460	60,230	56,410	53,750	2,660	42,230	28,690	6,370	7,170
1943	103,510	64,410	55,540	54,470	1,070	39,100	27,320	5,100	6,680
1944	104,480	65,890	54,630	53,960	670	38,590	27,350	4,540	6,700
1945	105,370	65,140	53,860	52,820	1,040	40,230	27,760	4,830	7,640
1946	106,370	60,820	57,520	55,250	2,270	45,550	31,020	6,360	8,170
1947	107,458	61,608	60,168	58,027	2,142	45,850	32,441	6,446	6,962
1948	108,482	62,748	61,442	59,378	2,064	45,733	32,850	6,178	6,706
1949	109,623	63,571	62,105	58,709	3,395	46,051	33,067	6,093	6,891
MALE									
1940	49,930	41,870	41,480	35,550	5,930	8,060	----	----	----
1941	50,420	42,740	41,270	37,350	3,920	7,680	----	----	----
1942	50,910	44,110	40,300	38,580	1,720	6,800	50	2,980	3,770
1943	51,390	45,600	36,840	36,270	570	5,790	80	2,230	3,480
1944	51,830	46,520	35,460	35,110	350	5,310	60	1,830	3,420
1945	52,120	45,870	34,830	34,210	620	6,250	40	2,070	4,140
1946	52,540	43,980	40,740	38,940	1,800	8,560	70	3,210	5,280
1947	52,935	44,694	43,272	41,677	1,595	8,242	60	3,437	4,744
1948	53,363	45,150	43,858	42,428	1,430	8,213	51	3,367	4,795
1949	53,877	45,524	44,075	41,660	2,415	8,354	62	3,306	4,986
March	53,730	45,000	43,525	41,092	2,433	8,730	70	4,223	4,437
June	53,837	46,282	44,832	42,233	2,598	7,557	61	2,100	5,396
September	53,984	45,759	44,319	42,085	2,233	8,226	57	2,905	5,264
December	54,121	45,174	43,765	41,293	2,472	8,947	46	4,281	4,621
FEMALE									
1940	50,300	14,160	14,160	11,970	2,190	36,140	----	----	----
1941	50,950	14,640	14,640	13,000	1,640	36,310	----	----	----
1942	51,550	16,120	16,110	15,170	940	35,430	28,640	3,390	3,400
1943	52,120	18,810	18,700	18,200	500	33,310	27,240	2,870	3,200
1944	52,650	19,370	19,170	18,850	320	33,280	27,290	2,710	3,280
1945	53,250	19,270	19,030	18,610	420	33,980	27,720	2,760	3,500
1946	53,830	16,840	16,780	16,310	470	36,990	30,950	3,150	2,890
1947	54,523	16,915	16,896	16,349	547	37,608	32,380	3,009	2,218
1948	55,118	17,599	17,583	16,950	633	37,520	32,799	2,810	1,910
1949	55,745	18,048	18,030	17,049	980	37,697	33,005	2,786	1,906
March	55,560	17,305	17,289	16,555	734	38,255	33,305	3,596	1,355
June	55,710	18,584	18,566	17,386	1,180	37,126	32,995	1,596	2,535
September	55,876	18,463	18,444	17,326	1,118	37,412	32,783	2,589	2,040
December	56,048	18,301	18,280	17,263	1,017	37,747	32,862	3,601	1,285

[1] Excludes inmates of penal and mental institutions and homes for the aged, infirm, and needy.

Source: 1929–39, Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics, 1947 edition. Later data, Department of Commerce, Bureau of the Census; Current Population Reports, Series P-50, Nos. 2 and 13, and Series P-57.

No. 210.—Civilian Labor Force, by Age and Sex: 1942 to 1949

[Thousands of persons 14 years old and over. See headnote, table 209]

Annual average or monthly estimate	Male						Female					
	Total all ages	14–19 years	20–24 years	25–44 years	45–64 years	65 and over	Total all ages	14–19 years	20–24 years	25–44 years	45–64 years	65 and over
1942	40,300	3,910	3,730	17,730	12,740	2,190	16,110	2,370	2,900	7,020	3,420	400
1943	36,840	3,710	2,030	15,700	13,080	2,320	18,700	2,930	3,120	8,190	3,970	490
1944	35,460	3,350	1,720	14,800	13,170	2,420	19,170	2,900	3,230	8,220	4,320	500
1945	34,830	2,950	1,650	14,510	13,260	2,460	19,030	2,720	3,180	8,230	4,410	490
1946	40,740	2,680	3,720	18,650	13,350	2,340	16,780	2,160	2,780	7,370	4,020	450
1947	43,272	3,073	4,629	19,699	13,495	2,376	16,896	2,067	2,716	7,416	4,253	445
1948	43,858	3,173	4,674	19,923	13,706	2,384	17,583	2,083	2,719	7,732	4,537	514
1949	44,075	3,054	4,681	20,131	13,756	2,454	18,030	2,053	2,659	7,986	4,777	556
January	43,161	2,648	4,519	19,953	13,667	2,375	16,917	1,758	2,452	7,724	4,475	508
February	43,229	2,655	4,497	20,005	13,715	2,360	17,159	1,850	2,493	7,821	4,446	551
March	43,525	2,688	4,595	20,113	13,732	2,398	17,289	1,897	2,611	7,766	4,540	478
April	43,668	2,789	4,637	20,101	13,714	2,425	17,167	1,767	2,484	7,778	4,632	509
May	43,886	2,968	4,684	20,101	13,697	2,436	18,097	1,961	2,676	8,131	4,781	549
June	44,832	3,727	4,818	20,128	13,706	2,454	18,566	2,400	2,735	8,123	4,770	539
July	45,267	3,977	4,932	20,148	13,752	2,459	18,548	2,500	2,778	8,017	4,726	527
August	45,163	3,851	4,900	20,204	13,769	2,441	18,474	2,379	2,735	7,988	4,805	568
September	44,319	3,017	4,768	20,189	13,844	2,501	18,444	2,116	2,728	8,096	4,881	623
October	43,988	2,779	4,599	20,215	13,837	2,560	18,588	2,069	2,737	8,122	5,040	619
November	44,099	2,855	4,628	20,205	13,869	2,544	18,828	2,024	2,757	8,267	5,161	619
December	43,765	2,693	4,594	20,212	13,775	2,493	18,280	1,916	2,719	7,998	5,067	581

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P–50, Nos. 2 and 13, and Series P–57.

No. 211.—Persons Employed in Agriculture and in Nonagricultural Industries, by Hours Worked During the Survey Week: 1940 to 1949

[Thousands of persons 14 years old and over. See headnote, table 209]

Annual average or monthly estimate	Persons employed in agriculture					Persons employed in nonagricultural industries				
	Total	Worked 35 hours or more	Worked 15 to 34 hours	Worked 1 to 14 hours	With a job but not at work [1]	Total	Worked 35 hours or more	Worked 15 to 34 hours	Worked 1 to 14 hours	With a job but not at work [1]
1940	9,540	7,860	1,210	200	270	37,980	31,490	4,340	1,230	920
1941	9,100	7,430	1,400	110	160	41,250	35,240	4,070	1,120	820
1942	9,250	7,690	1,330	140	90	44,500	38,230	4,100	1,160	1,010
1943	9,080	7,740	1,140	110	90	45,390	39,690	3,510	1,060	1,130
1944	8,950	6,970	1,610	160	210	45,010	38,060	4,230	1,170	1,550
1945	8,580	6,330	1,800	230	220	44,240	36,540	4,540	1,370	1,790
1946	8,320	6,250	1,660	210	200	46,930	39,460	4,200	1,210	2,060
1947	8,266	6,097	1,643	241	285	49,761	41,538	4,627	1,407	2,188
1948 [2]	7,973	5,808	1,637	242	287	51,405	40,411	6,888	1,041	2,465
1949 [2]	8,026	5,906	1,621	291	209	50,684	38,479	8,069	1,816	2,321
January	6,763	4,299	1,725	392	345	50,651	41,314	5,533	1,899	1,907
February	6,993	4,591	1,776	367	260	50,174	40,830	5,737	1,876	1,730
March	7,393	4,973	1,833	357	231	50,254	40,761	5,964	1,944	1,585
April	7,820	5,656	1,700	243	221	49,999	40,761	5,913	1,888	1,438
May	8,974	7,159	1,474	211	130	49,720	41,315	5,073	1,778	1,554
June	9,696	7,400	1,952	228	116	49,924	40,924	5,425	1,525	2,051
July [3]	9,647	7,326	1,871	262	189	50,073	27,686	14,701	1,438	6,247
August	8,507	6,724	1,290	264	228	51,441	40,407	5,231	1,509	4,294
September [3]	8,158	6,294	1,455	269	140	51,254	27,366	19,683	1,867	2,339
October	7,710	5,462	1,604	365	279	51,290	41,354	6,056	2,027	1,855
November [3]	7,878	6,205	1,256	238	179	51,640	36,766	11,383	1,991	1,501
December	6,773	4,778	1,511	297	189	51,783	42,260	6,126	2,049	1,349

[1] Persons who had a job or business, but who did not work at all during entire survey week because of illness, bad weather, vacation, labor dispute, or because of temporary lay-off with definite instructions to return to work within 30 days of lay-off. Also persons scheduled to report within 30 days to new job.

[2] Nonagricultural data affected by occurrence of legal holidays in three survey weeks and are not, therefore, directly comparable with 1947 annual averages.

[3] Survey week contains legal holiday.

Source: Department of Commerce, Bureau of Census; Current Population Reports, Series P–50, Nos. 2 and 13, and Series P–57.

No. 212.—Employees in Nonagricultural Establishments, by Industry Division: 1919 to 1949

[**In thousands.** Includes all full- and part-time employees who worked during, or received pay for the pay period ending nearest 15th of month. Excludes proprietors, self-employed persons, domestic servants, and personnel of armed forces. Data have been adjusted to levels indicated by Unemployment Insurance Agencies and Bureau of Old-Age and Survivors Insurance data through 1947 and have been carried forward from 1947 benchmark levels, thereby providing consistent series]

YEAR	Total	Mining	Contract construction	Manufacturing	Transportation and public utilities	Trade [1]	Finance	Service [1]	Government
1919	26,829	1,124	1,021	10,534	3,711	4,664	1,050	2,054	2,671
1920	27,088	1,230	848	10,534	3,998	4,623	1,110	2,142	2,603
1925	28,505	1,080	1,446	9,786	3,824	5,810	1,166	2,591	2,802
1929	31,041	1,078	1,497	10,534	3,907	6,401	1,431	3,127	3,066
1930	29,143	1,000	1,372	9,401	3,675	6,064	1,398	3,084	3,149
1933	23,466	735	809	7,258	2,659	4,999	1,225	2,614	3,167
1935	26,792	888	912	8,907	2,771	5,692	1,262	2,883	3,477
1937	30,178	1,006	1,112	10,606	3,114	6,543	1,355	3,233	3,749
1940	32,031	916	1,294	10,780	3,013	7,055	1,419	3,362	4,192
1941	36,164	947	1,790	12,974	3,248	7,567	1,462	3,554	4,622
1942	39,697	983	2,170	15,051	3,433	7,481	1,440	3,708	5,431
1943	42,042	917	1,567	17,381	3,619	7,322	1,401	3,786	6,049
1944	41,480	883	1,094	17,111	3,798	7,399	1,374	3,795	6,026
1945	40,069	826	1,132	15,302	3,872	7,685	1,394	3,891	5,966
1946	41,412	852	1,661	14,461	4,023	8,815	1,586	4,408	5,607
1947	43,371	943	1,982	15,247	4,122	9,196	1,641	4,786	5,454
1948	44,201	981	2,165	15,286	4,151	9,491	1,716	4,799	5,613
1949 (prel.)	42,999	930	2,160	14,142	3,977	9,433	1,762	4,782	5,814

[1] Beginning 1947, "Service" includes automotive repair industry formerly included with "Trade." In January 1947, this industry amounted to approximately 230,000 employees.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in Monthly Labor Review and mimeographed releases.

No. 213.—All Employees and Production Workers in Manufacturing Industry Groups: 1947 to 1949

[**In thousands.** Includes all full- and part-time employees who worked during, or received pay for the pay period ending nearest 15th of month. Data have been adjusted to levels indicated by Unemployment Insurance Agencies and the Bureau of Old-Age and Survivors Insurance data through 1947 and have been carried forward from 1947 bench-mark levels, thereby providing consistent series. New series; based on *Standard Industrial Classification Manual*, Vol. I, Manufacturing Industries, Bureau of the Budget, November 1945. Supersedes data published in previous editions of the *Statistical Abstract*]

INDUSTRY GROUP	ALL EMPLOYEES			PRODUCTION WORKERS		
	1947	1948	1949 [1]	1947	1948	1949 [1]
Manufacturing	**15,247**	**15,286**	**14,142**	**12,794**	**12,717**	**11,592**
Durable goods	**8,373**	**8,315**	**7,464**	**7,010**	**6,909**	**6,095**
Ordnance and accessories	26.6	28.1	24.8	22.5	23.9	20.2
Lumber and wood products (except furniture)	838	812	735	777	752	675
Furniture and fixtures	340	348	314	300	306	272
Stone, clay, and glass products	501	514	484	438	448	416
Primary metal industries	1,231	1,247	1,102	1,073	1,083	941
Fabricated metal products (except ordnance machinery, and transportation equipment)	995	976	858	837	812	700
Machinery (except electrical)	1,535	1,533	1,310	1,217	1,203	1,000
Electrical machinery	918	869	759	706	656	552
Transportation equipment	1,263	1,263	1,213	1,038	1,031	988
Instruments and related products	265	260	238	207	200	177
Miscellaneous manufacturing industries	461	466	426	394	394	354
Nondurable goods	**6,874**	**6,970**	**6,678**	**5,784**	**5,808**	**5,498**
Food and kindred products	1,532	1,536	1,522	1,216	1,197	1,171
Tobacco manufactures	104	100	94	96	93	87
Textile-mill products	1,325	1,362	1,224	1,243	1,275	1,136
Apparel and other finished textile products	1,130	1,162	1,136	1,028	1,049	1,021
Paper and allied products	465	470	447	406	405	382
Printing, publishing, and allied industries	709	725	726	497	501	495
Chemicals and allied products	692	699	663	523	520	485
Products of petroleum and coal	239	250	245	184	192	188
Rubber products	270	259	233	220	209	186
Leather and leather products	409	410	387	372	368	346

[1] Preliminary.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in the Monthly Labor Review and mimeographed releases.

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No. 214.—Estimated Number (Annual Average) of Wage and Salary Workers in Nonagricultural Establishments, by States: 1943, 1947 to 1949

[In thousands]

Division and State	Nonagricultural [1]				Manufacturing industries [2]			
	1943 [3]	1947	1948	1949 [4]	1943	1947	1948	1949 [4]
New England:								
Maine	301	262	265	264	144.4	114.5	113.0	111.4
New Hampshire	147	160	171	167	77.0	82.8	82.3	74.7
Vermont	91	99	99	96	41.3	39.8	37 7	33.0
Massachusetts	1,734	1,709	1,730	1,642	835.6	742.6	729 3	645.2
Rhode Island	313	294	296	278	169.4	153.5	150 2	131.8
Connecticut	799	773	777	709	504.2	415.6	404.9	335.6
Middle Atlantic:								
New York	5,268	5,534	5,583	5,553	2,115.7	1,897.2	1,871.9	1,801.4
New Jersey	1,732	1,564	1,581	1,501	951.1	749.6	744.8	652.7
Pennsylvania	3,480	3,628	3,667	3,488	1,579.3	1,524.5	1,520.3	1,340.6
East North Central:								
Ohio					1,363.3	1,245.1	1,237.8	1,082.4
Indiana	1,191	1,195	1,218	1,188	633.1	562.4	562.2	534.2
Illinois	2,957	3,127	3,182	3,070	1,263.7	1,248.0	1,237.0	1,125.3
Michigan					1,181.8	1,041.7	1,058.3	1,009.4
Wisconsin	885	969	992	980	442.8	434.3	432.8	404.1
West North Central:								
Minnesota	666	771	793	786	215.1	199.5	197.0	189.7
Iowa					161.7	149.6	152.2	143.6
Missouri	1,081	1,120	1,142	1,110	412.9	348.8	350.8	336.0
North Dakota					5.6	6.1	6.1	5.9
South Dakota					10.3	11.5	11.0	11.4
Nebraska					60.8	49.3	49.0	49.1
Kansas	464	425	442	451	144.2	81.5	84.3	87.5
South Atlantic:								
Delaware					55.2	45.9	46.4	45.2
Maryland	756	671	703	690	348.8	230.3	231.7	214.6
District of Columbia					15.6	16.8	16.7	17.3
Virginia					231.9	234.5	235 6	218.9
West Virginia					132.2	137.6	139.8	127.2
North Carolina					399.9	410.5	414.0	394.4
South Carolina					191.8	202.1	210.0	199.9
Georgia	733	732	743	724	302.9	273.7	277.7	260.4
Florida					136.0	92.7	94.9	82 9
East South Central:								
Kentucky					131.7	133.1	134 0	128.3
Tennessee	669	696	742	721	255.9	250.5	256.4	232.6
Alabama					258.5	224.1	226.9	206.8
Mississippi					95.1	92.6	90.2	82.7
West South Central:								
Arkansas	277	283	291	277	76.7	75.1	77.0	68.5
Louisiana					166.1	145.7	150.2	[5]
Oklahoma	436	432	458	462	99.7	62.4	66.0	62.3
Texas	1,644	1,649	1,727	[5]	424.8	334.5	348.1	339.8
Mountain:								
Montana	117	136	143	153	15.7	18.4	18.4	20.1
Idaho	101	121	123	126	15.9	20.5	21.3	21.7
Wyoming	64	73	79	85	5.1	6.3	6.4	6.6
Colorado					67.5	57.5	57.6	56.9
New Mexico	[6] 87	116	128	135	7.9	8.8	9.2	10.5
Arizona	142	148	156	149	19.4	14.2	15.0	14.3
Utah	187	178	183	193	33.5	26.5	27.5	33.0
Nevada	55	[6] 48	[6] 53	[6] 49	7.9	3.3	3.3	3.1
Pacific:								
Washington	726	661	674	677	285.6	173.5	174.4	173.7
Oregon					192.1	132.3	141.2	158.6
California	[4] 2,884	3,035	3,087	3,068	1,165.5	712.0	730.6	754.9

[1] For selected States.
[2] Data for 1947-49 based on Standard Industrial Classification and therefore are not strictly comparable to 1943 data, except for Massachusetts, New Jersey, Illinois, Delaware, Maryland, Texas, and California.
[3] Not strictly comparable with data for subsequent years.
[4] Data for September.
[5] Not available.
[6] Does not include contract construction.

Source: U. S. Department of Labor, Bureau of Labor Statistics. Published currently in Monthly Labor Review.

No. 215.—Indexes of Production-Worker Employment in Manufacturing Industries, by Months (Adjusted for Seasonal Variations): 1940 to 1949

[1939 average=100. Based on unadjusted monthly indexes published currently in Bureau of Labor Statistics *Monthly Labor Review*]

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1940	106.0	105.3	104.1	103.3	103.6	104.1	104.8	107.1	109.5	111.8	113.9	116.7	107.5
1941	119.0	120.9	123.7	126.8	130.2	133.6	137.2	138.8	139.7	140.4	141.1	141.5	132.8
1942	143.2	145.1	147.6	150.0	152.7	154.3	157.3	160.5	163.7	166.3	169.1	172.7	156.9
1943	175.5	178.0	180.2	181.8	182.4	184.4	185.6	185.6	185.5	186.7	187.7	185.9	183.3
1944	184.9	184.5	182.4	180.7	179.6	178.5	177.4	176.5	175.0	173.8	173.0	173.5	178.3
1945	174.3	174.8	173.6	171.9	169.5	165.9	160.9	155.8	134.2	133.9	133.8	135.1	157.0
1946	137.7	128.7	137.5	145.2	146.6	148.6	151.0	153.7	155.5	155.2	156.7	156.8	147.8
1947	156.7	157.3	157.3	157.2	155.8	155.1	154.1	154.7	155.3	156.0	156.8	157.4	156.2
1948	157.8	156.6	156.8	153.8	154.0	154.9	155.8	155.6	155.6	155.3	154.5	152.1	155.2
1949	149.3	147.6	145.6	143.4	140.8	139.9	138.9	139.6	141.3	136.6	136.5	139.0	141.6

Source: Board of Governors of the Federal Reserve System. Published currently in Federal Reserve Bulletin.

No. 216.—Employees in Selected Nonmanufacturing Industries: 1947 to 1949

[**In thousands.** Includes all full- and part-time employees who worked during, or received pay for pay period ending nearest 15th of month. Data have been adjusted to levels indicated by Unemployment Insurance Agencies and Bureau of Old-Age and Survivors Insurance data through 1947 and have been carried forward from 1947 bench-mark levels, thereby providing consistent series. New series; based on *Industrial Classification Code*, Federal Security Agency, Social Security Board, 1942. Supersedes data published in previous editions of the *Statistical Abstract*]

INDUSTRY	1947	1948	1949 [1]	1949					
				Feb.	Apr.	June	Aug.	Oct. [1]	Dec.[1]
Mining	943	981	930	986	984	968	956	593	927
Metal mining	96.8	98.5	93.9	101.1	103.1	100.3	93.8	64.8	90.8
Iron mining	33.1	35.5	33.0	35.2	36.5	36.8	36.0	9.2	34.1
Copper mining	22.5	22.3	21.8	22.5	23.2	22.2	21.1	21.2	21.2
Lead and zinc mining	22.9	21.7	20.5	23.5	23.5	21.7	19.0	17.1	18.1
Anthracite	79.4	80.0	77.3	79.5	78.3	77.1	75.7	76.2	76.3
Bituminous coal	431.8	444.9	403.9	455.0	446.4	431.2	424.7	99.8	412.7
Crude petroleum and natural gas production	237.3	257.5	258.9	258.3	258.8	261.9	262.9	256.6	252.2
Nonmetallic mining and quarrying	97.8	100.1	96.4	92.5	97.3	97.8	99.1	95.8	94.9
Transportation and public utilities	4,122	4,151	3,977	4,024	3,991	4,031	3,992	3,872	3,907
Transportation	2,984	2,934	2,755	2,795	2,761	2,800	2,760	2,665	2,709
Interstate railroads	1,557	1,517	1,366	1,414	1,387	1,410	1,375	1,258	1,313
Local railways and bus lines	185	163	158	161	161	159	157	156	154
Trucking and warehousing	551	566	547	544	532	540	539	568	564
Other transportation and services	692	687	684	676	681	691	689	683	678
Telephone	581.1	634.2	632.0	643.8	641.1	636.6	632.9	618.5	610.0
Telegraph	63.4	60.8	52.5	56.0	55.4	53.1	51.6	49.4	47.7
Other public utilities	492	521	537	528	532	540	547	538	539
Trade	9,196	9,491	9,433	9,292	9,478	9,336	9,213	9,496	10,118
Wholesale trade	2,410	2,533	2,521	2,541	2,504	2,491	2,515	2,551	2,538
Retail trade	6,785	6,958	6,913	6,751	6,974	6,845	6,698	6,945	7,580
General merchandise stores	1,389	1,470	1,480	1,386	1,515	1,401	1,337	1,490	1,986
Food and liquor stores	1,161	1,195	1,199	1,184	1,204	1,208	1,181	1,201	1,221
Automotive and accessories dealers	581	634	676	647	658	670	688	696	713
Apparel and accessories stores	567	577	552	534	616	553	486	548	620
Other retail trade	3,088	3,081	3,006	3,000	2,981	3,013	3,006	3,010	3,040
Finance	1,641	1,716	1,762	1,735	1,757	1,774	1,780	1,768	1,771
Banks and trust companies	380	403	416	413	413	417	422	415	416
Security dealers and exchanges	60.1	57.9	55.5	56.3	55.4	55.3	55.4	55.0	55.2
Insurance carriers and agents	549	589	619	606	613	616	628	627	631
Other finance agencies and real estate	652	665	672	660	676	686	675	671	669
Service	4,786	4,799	4,782	4,712	4,768	4,834	4,836	4,794	4,741
Hotels and lodging places	497	478	464	447	451	487	504	451	446
Laundries	364.8	356.1	352.1	346.4	347.3	361.0	358.0	350.1	345.7
Cleaning and dyeing plants	153.7	149.9	146.9	142.0	149.5	154.1	144.2	147.3	143.5
Motion pictures	252	241	237	234	237	240	238	238	239

[1] Preliminary.

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in Monthly Labor Review and in mimeographed releases.

No. 217.—Farm Employment and Wage Rates: 1909 to 1949

[See also *Historical Statistics*, series D 172-176 and E 61-68 for unrevised data]

YEAR	NUMBER OF WORKERS[1] (THOUSANDS)			FARM WAGE RATES[2]				Index of farm wage rates (1910-14=100)
				Per month		Per day		
	Total	Family[3]	Hired[4]	With board	Without board	With board	Without board	
1909	12,209	9,341	2,868	$22.00	$28.00	$1.00	$1.25	96
1910	12,146	9,269	2,877	21.00	28.00	1.05	1.35	96
1915	11,981	9,047	2,934	22.50	30.00	1.10	1.40	102
1917	11,789	8,856	2,933	31.00	40 50	1.55	1.90	141
1918	11,348	8,507	2,841	37.50	48.50	2.05	2.45	177
1920	11,362	8,479	2,883	51.00	65.00	2.80	3.30	241
1925	11,466	8,579	2,887	38.50	49.00	2.00	2 35	183
1929	11,282	8,302	2,980	40.00	51.00	2.00	2.30	187
1930	11,161	8,329	2,832	37.50	48 00	1.80	2.15	175
1933	11,347	8,861	2,486	18 00	25.50	.90	1.15	89
1935	11,654	9,130	2,524	22.00	30.50	1.10	1.35	110
1937	11,651	8,850	2,801	27.50	36 50	1.35	1.65	133
1940	11,671	8,866	2,805	27.50	37.50	1.30	1.60	131
1941	11,419	8,652	2,767	34 50	44 50	1.65	1.95	160
1942	11,458	8,689	2,769	45.50	59.00	2.20	2.55	208
1943	11,329	8,704	2,625	59.00	77.00	2 90	3.30	274
1944	11,055	8,643	2,412	71 00	91.00	3.50	3.95	328
1945	10,813	8,548	2,265	79.00	101.00	3.85	4.35	366
1946	11,092	8,766	2,326	86 00	108.00	4.20	4.80	399
1947	11,166	8,759	2,407	92 00	117 00	4.50	5.10	424
1948	11,080	8,595	2,485	99.00	124.00	4 80	5.40	445
1948[5]				101.00	122 00	4.50	4.45	445
1949[5]	10,756	8,326	2,430	99.00	121 00	4.45	4.45	429

[1] Data have been revised and are arithmetic means of monthly estimates of persons employed during last complete calendar week in each month ending at least one day before last of month.

[2] Weighted averages of wage rates as reported quarterly by crop reporters.

[3] Includes farm operators doing one or more hours of farm work and members of their families doing 15 hours or more of unpaid farm work during survey week.

[4] Includes all persons doing one or more hours of farm work for pay during survey week. Members of operator's families doing any farm work for cash wages are counted as hired workers.

[5] New series of wage rates begun in 1948; not entirely comparable with those of previous years.

Source: Department of Agriculture, Bureau of Agricultural Economics; monthly report, Farm Labor.

No. 218.—Farm Employment, by Geographic Divisions: 1947, 1948, and 1949

[**In thousands.** For last week in each month ending at least one day before last of month]

GEOGRAPHIC DIVISIONS	1947	1948				1949		
	Dec. 21-27	Mar. 21-27	June 20-26	Sept. 19-25	Dec. 19-25	Mar. 20-26	June 19-25	Sept. 18-24
TOTAL WORKERS								
United States	**7,487**	**9,868**	**12,295**	**15,005**	**7,155**	**9,444**	**12,140**	**14,694**
New England	174	215	265	280	172	204	275	283
Middle Atlantic	495	546	730	768	488	538	729	763
East North Central	1,271	1,492	1,830	1,781	1,213	1,400	1,768	1,743
West North Central	1,479	1,710	2,192	2,224	1,406	1,624	2,124	2,108
South Atlantic	1,315	2,022	2,641	3,109	1,256	1,951	2,587	2,968
East South Central	1,041	1,538	1,859	3,026	986	1,522	1,858	3,117
West South Central	995	1,550	1,631	2,437	972	1,470	1,661	2,373
Mountain	285	323	489	576	264	309	478	570
Pacific	432	472	658	804	398	426	660	769
HIRED WORKERS[1]								
United States	**1,038**	**1,822**	**3,103**	**4,229**	**979**	**1,778**	**3,231**	**4,156**
New England	34	55	65	97	36	48	79	109
Middle Atlantic	90	107	190	242	93	100	209	241
East North Central	135	202	299	433	125	192	317	442
West North Central	115	168	430	399	105	156	446	367
South Atlantic	228	457	815	663	228	473	809	598
East South Central	117	302	399	798	107	321	399	885
West South Central	108	287	403	896	99	269	448	833
Mountain	65	61	179	229	57	65	188	235
Pacific	146	183	323	472	129	154	336	446

[1] Includes all persons doing one or more hours of farm work for pay during survey week. Members of operator's families doing any farm work for cash wages are counted as hired workers.

Source: Department of Agriculture, Bureau of Agricultural Economics; monthly report, Farm Labor.

No. 219.—Farm Wage Rates, by Geographic Division: 1948 and 1949

[New series of wage rates begun in 1948. Some wage rates in certain geographic divisions not obtained because seldom used]

Geographic divisions	1948					1949				
	Jan. 1	Apr. 1	July 1	Oct. 1	Annual average	Jan. 1	Apr. 1	July 1	Oct. 1	Annual average
Per month with board and room:										
United States	$98.00	$96.00	$103.00	$104.00	$101.00	$102.00	$97.00	$102.00	$99.00	$99.00
New England	98.00	103.00	105.00	110.00	105.00	110.00	103.00	100.00	98.00	101.00
Middle Atlantic	93.00	97.00	99.00	101.00	99.00	100.00	97.00	97.00	95.00	96.00
East North Central	93.00	96.00	98.00	98.00	97.00	97.00	95.00	95.00	94.00	94.00
West North Central	92.00	101.00	109.00	107.00	104.00	98.00	103.00	108.00	101.00	102.00
Mountain	118.00	127.00	130.00	129.00	127.00	121.00	127.00	128.00	121.00	123.00
Pacific	141.00	146.00	150.00	151.00	148.00	149.00	150.00	153.00	148.00	148.00
Per month with house:										
United States	117.00	115.00	131.00	124.00	122.00	122.00	116.00	130.00	120.00	121.00
New England	126.00	136.00	140.00	138.00	136.00	141.00	133.00	127.00	122.00	129.00
Middle Atlantic	122.00	129.00	130.00	131.00	129.00	131.00	128.00	128.00	126.00	127.00
East North Central	117.00	120.00	121.00	124.00	121.00	123.00	122.00	120.00	117.00	120.00
West North Central	115.00	126.00	134.00	130.00	128.00	122.00	126.00	129.00	122.00	124.00
Mountain	154.00	160.00	161.00	164.00	161.00	158.00	160.00	158.00	153.00	156.00
Pacific	183.00	184.00	188.00	192.00	188.00	192.00	192.00	192.00	192.00	192.00
Per week with board and room:										
United States	23.50	24.00	25.50	25.00	24.50	24.00	23.50	24.75	23.75	23.75
New England	26.50	27.50	28.50	29.50	28.25	28.50	27.50	26.50	26.25	26.75
Middle Atlantic	25.25	26.00	26.50	27.00	26.25	26.00	25.25	26.00	25.25	25.25
Per week without board or room:										
United States	29.00	30.25	32.25	30.25	30.50	29.75	30.25	32.75	30.75	30.75
New England	35.50	37.25	38.50	39.25	38.25	39.25	38.00	37.25	37.25	37.50
Middle Atlantic	34.50	35.75	36.50	37.25	36.25	35.75	35.50	35.50	34.50	34.75
Per day with board and room:										
United States	4.20	3.85	4.85	4.55	4.50	4.50	3.95	4.85	4.35	4.45
East North Central	4.55	4.60	4.95	5.10	4.85	4.90	4.70	4.90	4.80	4.80
West North Central	4.75	4.95	5 60	5.90	5.50	5.10	5.00	5.60	5.20	5.40
Per day with house:										
United States	3.45	3.30	3.50	3.80	3.50	3.65	3.40	3.55	3.60	3.50
South Atlantic	3.35	3.45	3.35	3.45	3.45	3.50	3.40	3.25	3.35	3.35
East South Central	2.75	2.65	2.85	3.05	2.85	3.00	2.80	2.85	2.85	2.85
West South Central	3.65	3.55	3.90	4.20	3.80	3.90	3.80	4.25	4.30	4.05
Per day without board or room:										
United States	4.25	4.15	4.35	4.95	4.45	4.65	4.25	4.45	4.75	4.45
New England	6.20	6.30	6.70	6.80	6.60	6.70	6.80	6.50	6.30	6.50
Middle Atlantic	5.90	6.00	6.10	6.40	6.20	6.20	6.10	6.20	6.10	6.10
East North Central	5.70	5.80	6.10	6.20	6.00	6.00	5.90	6.00	5.90	5.90
West North Central	5.90	6.20	7.10	7.30	6.90	6.40	6.30	7.00	6.50	6.70
South Atlantic	3.85	3.90	3.80	3.95	3.85	4.25	4.00	3.90	4.00	3.95
East South Central	3.25	3.15	3.40	3.55	3.35	3.65	3.40	3.50	3.40	3.45
West South Central	4.25	4.10	4.45	4.75	4.45	4.50	4.25	4.70	4.85	4.65
Mountain	6.10	6.30	6.70	7.10	6.80	6.30	6.40	6.60	6.50	6.50
Per hour with house:										
United States	.57	.54	.68	.76	.64	.57	.52	.69	.73	.63
South Atlantic	.46	.46	-------	-------	.46	.47	.45	-------	-------	.45
East South Central	.39	.36	-------	-------	.39	.39	.38	-------	-------	.38
West South Central	.48	.47	-------	-------	.48	.50	.46	-------	-------	.49
Pacific	.92	.91	.94	.94	.93	.87	.88	.88	.86	.87
Per hour without board or room:										
United States	.77	.74	.78	.69	.73	.77	.71	.74	.64	.68
New England	.86	.88	.92	.95	.92	.89	.87	.85	.84	.85
Middle Atlantic	.78	.80	.83	.86	.83	.80	.79	.80	.80	.80
East North Central	.78	.79	.83	.86	.84	.83	.80	.82	.80	.81
West North Central	.79	.80	.89	.91	.88	.85	.83	.88	.84	.86
South Atlantic	.53	.52	.53	.53	.53	.54	.51	.47	.49	.49
East South Central	.48	.44	.48	.50	.49	.49	.45	.45	.43	.43
West South Central	.56	.54	.56	.58	.57	.57	.53	.54	.58	.57
Mountain	.73	.81	.83	.86	.84	.80	.84	.84	.81	.82
Pacific	.99	.98	1.01	1.01	1.00	.95	.93	.93	.92	.93

Source: Department of Agriculture, Bureau of Agricultural Economics; monthly report, Farm Labor.

No. 220.—Farm Labor—Farms Reporting, Persons Working on Farms First Week of Jan. 1945, and Wages Paid, 1944

[Relates to persons 14 years old and over working equivalent of 2 or more days during first week of January 1945. Excludes housework and contract construction work]

Division and state	Family and/or hired workers		Family workers		Hired workers		Cash wages paid for hired labor in 1944	
	Farms reporting	Persons working	Farms reporting	Persons working	Farms reporting	Persons working	Farms reporting	Amount ($1,000)
United States	**5,155,346**	**8,373,239**	**5,111,005**	**7,624,898**	**402,489**	**748,341**	**2,799,026**	**1,861,026**
New England	**117,184**	**182,269**	**115,271**	**150,624**	**16,286**	**31,645**	**63,659**	**77,399**
Maine	30,644	41,745	30,396	37,319	2,707	4,426	17,955	18,516
New Hampshire	14,826	22,746	14,667	19,728	1,651	3,018	7,208	5,956
Vermont	20,447	34,002	20,171	28,884	3,601	5,118	13,877	9,604
Massachusetts	28,949	46,613	28,142	35,462	4,666	11,151	14,179	21,845
Rhode Island	3,333	6,281	3,286	5,129	476	1,152	1,610	2,589
Connecticut	18,985	30,882	18,609	24,102	3,185	6,780	8,740	18,890
Middle Atlantic	**312,315**	**538,424**	**308,105**	**456,814**	**49,613**	**81,610**	**179,763**	**161,288**
New York	133,539	230,728	131,380	188,796	25,829	41,932	80,847	79,652
New Jersey	24,476	47,658	24,100	35,585	5,842	12,073	14,339	30,185
Pennsylvania	154,300	260,038	152,625	232,433	17,942	27,605	84,577	51,452
East North Central	**856,336**	**1,380,952**	**849,342**	**1,273,454**	**79,297**	**107,498**	**486,270**	**227,248**
Ohio	195,455	303,455	194,186	283,899	13,249	19,556	95,172	42,355
Indiana	157,030	240,495	156,033	226,830	9,770	13,665	78,913	30,984
Illinois	186,305	298,686	184,185	269,642	21,188	29,044	115,973	63,142
Michigan	150,386	232,518	149,405	217,569	10,304	14,949	80,148	39,692
Wisconsin	167,160	305,798	165,533	275,514	24,786	30,284	116,064	51,075
West North Central	**961,255**	**1,570,046**	**955,777**	**1,473,533**	**74,879**	**96,513**	**609,344**	**269,558**
Minnesota	175,663	299,790	174,704	280,205	15,887	19,585	118,437	47,507
Iowa	197,803	308,387	196,542	285,209	19,691	23,178	124,831	56,880
Missouri	221,559	333,524	220,262	317,159	11,129	16,365	109,298	40,481
North Dakota	63,600	106,256	63,149	99,500	5,510	6,756	53,983	34,785
South Dakota	64,871	109,644	64,540	103,464	4,873	6,180	47,027	20,351
Nebraska	107,690	197,757	107,260	184,705	9,579	13,052	69,369	32,143
Kansas	130,069	214,688	129,320	203,291	8,210	11,397	86,399	37,410
South Atlantic	**890,082**	**1,444,094**	**881,723**	**1,322,109**	**52,748**	**121,985**	**483,650**	**215,693**
Delaware	8,390	14,456	8,299	12,191	1,105	2,265	4,983	5,191
Maryland	34,785	64,821	33,761	51,761	7,778	13,060	25,438	23,333
District of Columbia	36	208	34	39	17	169	21	273
Virginia	140,887	209,559	139,027	191,585	9,372	17,974	76,946	34,726
West Virginia	74,931	113,498	74,527	109,732	2,096	3,766	37,216	8,560
North Carolina	251,954	395,909	250,783	381,183	8,923	14,726	152,173	41,458
South Carolina	134,938	221,749	133,735	207,395	7,145	14,354	64,962	22,168
Georgia	192,036	314,143	190,504	294,486	9,240	19,657	90,605	31,470
Florida	52,125	109,751	51,053	73,737	7,072	36,014	31,306	48,515
East South Central	**816,633**	**1,261,054**	**813,038**	**1,214,819**	**25,457**	**46,235**	**300,757**	**87,427**
Kentucky	214,380	317,876	213,118	301,352	9,985	16,524	93,788	27,921
Tennessee	207,118	307,459	206,321	296,292	6,722	11,167	84,090	18,598
Alabama	188,383	293,539	187,523	281,958	5,733	11,581	67,726	17,572
Mississippi	206,752	342,180	206,076	335,217	3,017	6,963	55,153	23,335
West South Central	**774,141**	**1,239,232**	**768,225**	**1,147,839**	**43,849**	**91,393**	**378,724**	**258,122**
Arkansas	169,672	260,384	168,886	251,528	4,694	8,856	61,949	35,226
Louisiana	112,896	184,847	112,136	165,893	5,633	18,954	42,024	30,102
Oklahoma	149,185	233,890	148,574	223,858	6,552	10,032	81,970	38,237
Texas	342,388	560,111	338,629	506,560	26,970	53,551	192,781	154,555
Mountain	**187,795**	**325,299**	**185,337**	**273,271**	**23,352**	**52,028**	**132,587**	**162,852**
Montana	34,010	59,629	33,534	49,387	5,677	10,242	25,332	27,451
Idaho	36,577	57,282	36,284	52,267	2,865	5,015	28,836	29,415
Wyoming	12,106	22,739	11,900	17,685	2,132	5,054	8,577	14,095
Colorado	42,327	73,793	41,775	64,046	5,204	9,747	30,689	35,761
New Mexico	27,068	50,256	26,764	43,146	2,992	7,110	14,035	14,815
Arizona	10,853	23,022	10,544	13,875	2,179	9,147	6,284	23,082
Utah	21,778	31,893	21,531	28,600	1,542	3,293	16,790	12,774
Nevada	3,076	6,685	3,005	4,265	761	2,420	2,044	5,459
Pacific	**239,605**	**431,869**	**234,187**	**312,435**	**37,008**	**119,434**	**164,272**	**401,440**
Washington	67,493	100,070	66,915	89,788	4,935	10,282	41,805	61,227
Oregon	53,524	80,706	53,127	71,781	3,946	8,825	32,780	38,246
California	118,588	251,193	114,145	150,866	28,127	100,327	89,687	301,967

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

Sampling Note

The sample used for the Current Population Survey (Monthly Report on the Labor Force) consists of approximately 25,000 households living in 125 counties and independent cities grouped in 68 areas. The chances are about 19 in 20 that the relative sampling variability of the estimated totals presented from the labor force survey are less than the following:

SEX	CIVILIAN LABOR FORCE			Not in the labor force
	Total	Employed	Unemployed	
	Percent	*Percent*	*Percent*	*Percent*
Both sexes	2	2	18	4
Male	2	2	18	4
Female	5	5	20	2

The percentages shown in this table represent the maximum differences to be expected between totals estimated from the sample and those that would have been obtained by a complete census following the same procedures. These percentages are themselves subject to variation in different time periods, particularly as the magnitudes being estimated change in level. Estimates of change from one month to the next are subject to somewhat smaller sampling variability for some of the items.

The sampling variability indicated above is illustrative of the variability that is to be expected for other subjects, such as urban-rural distributions, migration, occupation, education, marital status, race, family relationships, income, etc. For specific evaluation of the sampling variability relating to these subjects, see the original releases of the Bureau of the Census.

No. 221.—Employment Status of the Population 14 Years Old and Over, by Race and Sex: 1940

EMPLOYMENT STATUS AND SEX	All classes	White	Negro	Other races
TOTAL				
Persons 14 years old and over	**101, 102, 924**	**91, 428, 165**	**9, 259, 444**	**415, 315**
In labor force	52, 789, 499	47, 169, 389	5, 389, 191	230, 919
Employed (except public emergency work) [1]	45, 166, 083	40, 495, 089	4, 479, 068	191, 926
On public emergency work [2]	2, 529, 606	2, 193, 688	319, 241	16, 677
Seeking work [3]	5, 093, 810	4, 480, 612	590, 882	22, 316
Not in labor force [4]	48, 313, 425	44, 258, 776	3, 870, 253	184, 396
MALE				
Persons 14 years old and over	**50, 553, 748**	**45, 823, 031**	**4, 474, 211**	**256, 506**
In labor force	39, 944, 240	36, 167, 566	3, 582, 005	194, 669
Employed (except public emergency work) [1]	34, 027, 905	30, 931, 506	2, 936, 795	159, 604
On public emergency work [2]	2, 072, 094	1, 797, 999	259, 073	15, 022
Seeking work [3]	3, 844, 241	3, 438, 061	386, 137	20, 043
Not in labor force [4]	10, 609, 508	9, 655, 465	892, 206	61, 837
FEMALE				
Persons 14 years old and over	**50, 549, 176**	**45, 605, 134**	**4, 785, 233**	**158, 809**
In labor force	12, 845, 259	11, 001, 823	1, 807, 186	36, 250
Employed (except public emergency work) [1]	11, 138, 178	9, 563, 583	1, 542, 273	32, 322
On public emergency work [2]	457, 512	395, 689	60, 168	1, 655
Seeking work [3]	1, 249, 569	1, 042, 551	204, 745	2, 273
Not in labor force [4]	37, 703, 917	34, 603, 311	2, 978, 047	122, 559

[1] Includes (*a*) persons *at work*—persons who worked for pay or profit at any time during the week of Mar. 24–30, 1940, in private work or nonemergency Federal, State, or local government work, or assisted without pay on a family farm or in a family business; and (*b*) persons *with a job but not at work*—persons not actually at work and not seeking work during the week of Mar. 24–30, 1940, but with jobs, businesses, or professional enterprises from which they were temporarily absent because of vacation, illness, industrial dispute, bad weather, or lay-off not exceeding 4 weeks with definite instructions to return to work on a specific date. The category *Employed (except on public emergency work)* includes not only employees but also proprietors, farmers, other self-employed persons, and unpaid family workers.

[2] Includes persons who, during the week of Mar. 24–30, 1940, were at work on, or assigned to, public emergency work projects conducted by the Work Projects Administration (WPA), the National Youth Administration (NYA), the Civilian Conservation Corps (CCC), or State or local work relief agencies. In the interpretation of the data for persons on public emergency work, allowance must be made for the misclassification in the census returns of considerable numbers of public emergency workers. The number of persons reported in the census as on public emergency work in the United States was 2,529,606, whereas the number recorded on the pay rolls of the Federal emergency work agencies at about the time of the census was 2,906,196 excluding the NYA Student Work Program, and 3,377,978 including that program. The most common type of misclassification was the reporting of the emergency workers as *At work*. Persons on the NYA Student Work Program were very frequently returned as in school and not in the labor force. There is also evidence that a considerable number of emergency workers were classified as *Seeking work*.

[3] Includes persons without work of any sort in the week of Mar. 24–30, 1940, who were seeking work during that week. This category is composed of both experienced and new workers, the latter being persons who had not previously worked full time for 1 month or more.

[4] Includes inmates of penal and mental institutions and homes for the aged, infirm, and needy.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

No. 222.—Major Occupation Group of Employed Persons (Except on Public Emergency Work), by Major Industry Group and Sex: 1940

Major industry group and sex	Total	Major occupation group								
		Professional and semi-professional workers	Proprietors, managers, and officials, incl. farm	Clerical, sales, and kindred workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Protective service workers	Service workers, except protective	Laborers, including farm	Occupation not reported
Males employed (except on public emergency work)	**34,027,905**	**1,875,387**	**8,317,482**	**4,360,648**	**4,949,132**	**6,205,898**	**677,213**	**1,661,713**	**5,735,698**	**244,734**
Agriculture, forestry, and fishery	7,988,343	18,156	5,004,425	7,986	11,831	39,469	4,026	1,912	2,899,780	758
Mining	902,061	17,529	30,898	25,981	119,045	698,926	5,419	1,336	1,994	933
Construction	2,022,032	63,740	116,018	30,123	1,205,548	155,966	6,599	2,245	438,758	3,035
Manufacturing	8,250,590	290,368	440,766	983,307	1,993,477	2,980,157	77,683	74,812	1,375,680	34,340
Transportation, communication, and other public utilities	2,768,267	80,069	210,477	414,460	537,209	957,271	44,413	60,871	452,521	10,976
Wholesale and retail trade	5,509,228	104,067	1,785,380	1,644,934	347,691	897,039	16,342	481,342	221,144	11,289
Finance, insurance, and real estate	1,013,297	15,480	216,848	577,524	28,064	10,658	13,904	124,917	23,272	2,630
Business and repair services	787,377	26,063	96,792	56,029	456,739	84,122	8,786	14,924	42,631	1,291
Personal services	1,133,555	62,290	93,403	58,444	90,174	206,640	5,416	542,476	73,403	1,309
Amusement, recreation, and related services	316,063	76,323	64,483	19,205	13,726	32,533	3,230	81,767	23,552	1,244
Professional and related services	1,472,453	988,826	39,264	83,439	43,666	54,924	9,685	228,504	21,836	2,309
Government	1,414,069	124,982	200,451	392,817	71,066	44,201	477,861	32,921	62,336	7,434
Industry not reported	450,570	7,494	18,277	66,399	30,896	43,992	3,849	13,686	98,791	167,186
Females employed (except on public emergency work)	**11,138,178**	**1,469,661**	**575,419**	**3,156,982**	**106,590**	**2,046,379**	**4,321**	**3,226,401**	**418,440**	**133,985**
Agriculture, forestry, and fishery	487,089	439	152,740	6,950	145	3,281	43	1,624	321,812	55
Mining	10,939	210	405	7,921	177	1,806	23	352	31	14
Construction	34,242	338	1,114	24,270	5,491	603	24	300	2,012	90
Manufacturing	2,322,252	30,690	20,622	496,102	59,163	1,618,572	278	13,783	73,070	9,972
Transportation, communication, and other public utilities	345,086	4,849	6,258	312,164	2,798	7,352	261	7,415	3,048	941
Wholesale and retail trade	2,029,540	13,731	258,101	1,173,077	24,915	120,913	521	426,660	7,845	3,777
Finance, insurance, and real estate	454,300	2,320	40,902	363,625	645	480	129	44,970	312	917
Business and repair services	76,877	6,348	5,798	54,672	3,418	4,294	186	1,395	490	276
Personal services	2,875,762	21,163	32,162	63,762	5,105	254,511	88	2,491,967	5,828	1,176
Amusement, recreation, and related services	79,279	27,048	3,848	30,199	1,057	1,791	29	14,798	260	249
Professional and related services	1,845,128	1,314,836	16,762	281,147	2,320	24,656	306	201,807	988	2,306
Government	339,418	45,912	33,923	237,394	697	3,243	2,394	13,769	593	1,493
Industry not reported	238,266	1,777	2,784	105,699	659	4,877	39	7,561	2,151	112,719

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. III.

No. 223.—Occupation of Persons in the Experienced Labor Force and of Employed Persons (Except on Public Emergency Work), by Sex: 1940

["N. e. c." means not elsewhere classified. Persons in the experienced labor force comprise employed persons (except on public emergency work), persons on public emergency work, and workers seeking work who had formerly worked full time for 1 month or more, see footnotes on table 221. Occupation figures shown below for employed (except on public emergency work) refer to the occupation in which engaged during census week, and are based on complete census returns. Occupation figures for remaining experienced labor force groups, not shown separately in this table, refer to the occupation which the person regarded as his usual occupation and at which he was still physically able to work, and are based on Sample B, see p. 1. Figures for "Experienced labor force," therefore, represent a summation of figures for current and usual occupation based on complete census returns and Sample B, respectively]

OCCUPATION	EXPERIENCED LABOR FORCE			EMPLOYED (EXCEPT ON PUBLIC EMERGENCY WORK)		
	Total	Male	Female	Total	Male	Female
All occupations	52,020,023	39,445,945	12,574,078	45,166,083	34,027,905	11,138,178
Professional and semiprofessional workers	3,558,428	2,012,587	1,545,841	3,345,048	1,875,387	1,469,661
Professional workers	3,048,472	1,609,298	1,439,174	2,881,592	1,511,118	1,370,474
Actors and actresses	19,232	11,611	7,621	11,692	6,931	4,761
Architects	21,976	21,479	497	20,376	19,899	477
Artists and art teachers	62,485	41,338	21,147	51,985	34,478	17,507
Authors, editors, and reporters	77,619	57,123	20,496	70,059	51,523	18,536
Chemists, assayers, and metallurgists	60,005	58,271	1,734	57,025	55,371	1,654
Clergymen	140,077	136,769	3,308	136,597	133,449	3,148
College presidents, professors, and instructors	75,847	55,723	20,124	75,007	55,123	19,884
Dentists	70,601	69,534	1,067	70,121	69,074	1,047
Civil engineers	89,042	88,811	231	80,362	80,171	191
Electrical engineers	55,667	55,443	224	53,267	53,103	164
Mechanical engineers	85,543	85,315	228	82,443	82,255	188
Other technical engineers	31,176	30,969	207	29,216	29,029	187
Lawyers and judges	180,483	176,036	4,447	177,643	173,456	4,187
Librarians	38,607	4,061	34,546	36,347	3,801	32,546
Musicians and music teachers	161,536	95,280	66,256	129,256	69,800	59,456
Osteopaths	6,067	4,965	1,102	6,007	4,905	1,102
Pharmacists	83,167	79,831	3,336	79,347	76,131	3,216
Physicians and surgeons	165,629	157,921	7,708	164,649	157,041	7,608
Social and welfare workers	75,197	26,828	48,369	69,677	24,868	44,809
Teachers, n. e. c. (incl. county agents)	1,076,001	269,141	806,860	1,030,001	253,561	776,440
Trained nurses and student nurses	371,066	8,169	362,897	355,786	7,509	348,277
Veterinarians	10,957	10,858	99	10,717	10,638	79
Professional workers, n. e. c.	90,492	63,822	26,670	84,012	59,002	25,010
Semiprofessional workers	509,956	403,289	106,667	463,456	364,269	99,187
Dancers, showmen, and athletes	54,254	37,707	16,547	45,074	31,147	13,927
Designers and draftsmen	111,805	101,380	10,425	100,925	91,820	9,105
Surveyors	16,444	16,343	101	13,344	13,243	101
Other semiprofessional workers	327,453	247,859	79,594	304,113	228,059	76,054
Farmers and farm managers	5,302,774	5,148,695	154,079	5,143,614	4,991,715	151,899
Proprietors, managers, and officials, exc. farm	3,854,187	3,423,107	431,080	3,749,287	3,325,767	423,520
Conductors, railroad	47,465	47,465		46,185	46,185	
Postmasters, and misc. govt. officials	239,813	204,857	34,956	232,273	198,377	33,896
Other specified mgrs. and officials	352,047	287,028	65,019	335,387	272,448	62,939
Props., mgrs., and officials n. e. c., by industry:						
Mining	32,001	31,607	394	30,841	30,447	394
Construction	125,696	124,438	1,258	114,996	113,898	1,098
Manufacturing	428,328	410,046	18,282	420,368	402,506	17,862
Trans., commun., and utilities	142,134	136,172	5,962	140,134	134,232	5,902
Wholesale trade	240,686	233,614	7,072	234,326	227,334	6,992
Eating and drinking places	273,163	207,059	66,104	265,583	200,519	65,064
Retail trade, exc. eating and drinking places	1,433,762	1,270,383	163,379	1,404,322	1,242,323	161,999
Finance, insurance, and real estate	190,608	178,188	12,420	186,968	174,668	12,300
Business and repair services	88,231	83,868	4,363	86,591	82,288	4,303
Personal services	126,387	94,092	32,295	123,227	91,572	31,655
Misc. industries and services	133,866	114,290	19,576	128,086	108,970	19,116
Clerical, sales, and kindred workers	8,270,270	4,791,588	3,478,682	7,517,630	4,360,648	3,156,982
Clerical and kindred workers	5,081,416	2,471,153	2,610,263	4,612,356	2,236,853	2,375,503
Baggagemen, express messengers, and railway mail clerks	28,436	28,299	137	27,876	27,759	117
Bookkeepers, accountants, cashiers, and ticket agents	971,685	493,786	477,899	895,965	447,606	448,359
Mail carriers	122,910	121,366	1,544	120,770	119,246	1,524
Messengers, except express	77,356	74,084	3,272	68,276	65,544	2,732
Office machine operators	64,178	9,104	55,074	59,738	8,284	51,454
Shipping and receiving clerks	229,737	220,609	9,128	209,337	200,669	8,668
Stenographers, typists, and secretaries	1,174,886	78,465	1,096,421	1,056,886	68,805	988,081
Telegraph operators	42,562	34,114	8,448	39,782	31,554	8,228
Telephone operators	208,319	11,257	197,062	199,699	10,697	189,002
Other clerical and kindred workers	2,161,347	1,400,069	761,278	1,934,027	1,256,689	677,338

No. 223.—Occupation of Persons in the Experienced Labor Force and of Employed Persons (Except on Public Emergency Work), by Sex: 1940—Con.

Occupation	Experienced labor force			Employed (except on public emergency work)		
	Total	Male	Female	Total	Male	Female
Clerical, sales, and kindred workers— Continued						
Salesmen and saleswomen	3,188,854	2,320,435	868,419	2,905,274	2,123,795	781,479
Canvassers and solicitors	96,394	78,295	18,099	90,094	72,995	17,099
Hucksters and peddlers	56,695	54,197	2,498	50,695	48,357	2,338
Newsboys	56,730	55,633	1,097	54,370	53,313	1,057
Insurance agents and brokers	249,322	236,001	13,321	239,142	226,061	13,081
Real estate agents and brokers	116,990	106,316	10,674	111,110	100,856	10,254
Other sales agents and brokers	656,511	641,844	14,667	614,311	600,884	13,427
Other salesmen and saleswomen	1,956,212	1,148,149	808,063	1,745,552	1,021,329	724,223
Craftsmen, foremen, and kindred workers	5,952,482	5,830,832	121,650	5,055,722	4,949,132	106,590
Bakers	144,296	133,779	10,517	129,056	119,039	10,017
Blacksmiths, forgemen, and hammermen	87,166	86,894	272	72,246	72,034	212
Boilermakers	32,982	32,909	73	27,662	27,589	73
Cabinetmakers and pattern makers	91,870	91,103	767	81,870	81,263	607
Carpenters	766,213	763,878	2,335	558,313	556,918	1,395
Compositors and typesetters	174,312	166,307	8,005	158,072	150,647	7,425
Electricians	227,102	226,286	816	197,222	196,526	696
Foremen n. e. c., by industry	576,204	534,314	41,890	522,404	486,614	35,790
Construction	74,663	74,274	389	45,523	45,394	129
Manufacturing	302,457	270,851	31,606	289,977	262,851	27,126
Trans., commun., and utilities	95,679	94,966	713	93,079	92,366	713
Misc. industries and services	103,405	94,223	9,182	93,825	86,003	7,822
Inspectors, n. e. c., by industry [1]	74,334	69,525	4,809	70,594	66,125	4,469
Locomotive engineers	72,396	72,396		69,496	69,496	
Locomotive firemen	48,851	48,851		43,851	43,851	
Machinists, millwrights, and tool makers	661,573	655,906	5,667	609,773	604,706	5,067
Masons, tile setters, and stonecutters	155,976	155,389	587	102,436	102,089	347
Mechanics and repairmen, and loom fixers	974,352	969,551	4,801	863,732	859,491	4,241
Molders, metal	87,624	87,179	445	75,904	75,559	345
Painters (construction), paperhangers, and glaziers	480,301	475,172	5,129	354,221	350,372	3,849
Plasterers and cement finishers	79,560	79,186	374	52,140	51,926	214
Plumbers, and gas and steam fitters	210,815	210,105	710	173,915	173,385	530
Printing craftsmen, exc. compositors and typesetters	66,569	65,470	1,099	61,849	60,830	1,019
Rollers and roll hands, metal	30,447	30,299	148	26,547	26,439	108
Roofers and sheet metal workers	124,315	123,775	540	104,135	103,715	420
Shoemakers and repairers (not in factory)	65,675	65,029	646	60,195	59,609	586
Stationary engineers, cranemen, and hoistmen	320,285	319,252	1,033	286,125	285,352	773
Structural and ornamental metal workers	38,631	38,369	262	27,951	27,769	182
Tailors and furriers	135,952	118,062	17,890	121,492	105,022	16,470
Other craftsmen and kindred workers	224,681	211,846	12,835	204,521	192,766	11,755
Operatives and kindred workers [2]	9,476,597	7,125,098	2,351,499	8,252,277	6,205,898	2,046,379
Apprentices	92,360	89,767	2,593	84,080	81,807	2,273
Attendants, filling station, parking lot, garage, and airport	234,095	230,069	4,026	213,315	209,449	3,866
Brakemen and switchmen, railroad	116,732	116,732		107,432	107,432	
Chauffeurs, truck drivers, and deliverymen	1,768,041	1,758,012	10,029	1,508,421	1,499,972	8,449
Conductors, bus and street railway	17,785	17,611	174	16,905	16,751	154
Dressmakers and seamstresses (not in factory)	165,031	2,784	162,247	135,951	2,324	133,627
Firemen, exc. locomotive and fire dept	127,455	126,892	563	112,995	112,612	383
Laundry operatives and laundresses, exc. priv. family	233,763	54,096	179,667	216,263	48,296	167,967
Linemen and servicemen, telegraph, telephone and power	110,816	109,801	1,015	104,490	103,501	995
Mine operatives and laborers [2]	824,093	821,546	2,547	651,013	649,226	1,787
Motormen, railway, mine, factory, etc	56,368	56,101	267	53,508	53,281	227
Painters, exc. constr. and maintenance	100,726	93,848	6,878	89,026	82,768	6,258
Power station operators	22,345	21,725	620	21,905	21,285	620
Sailors and deck hands, except U. S. Navy	46,078	45,861	217	35,358	35,221	137
Welders and flame-cutters	139,281	137,048	2,233	124,741	122,688	2,053
Other specified operatives and kindred wkrs	476,811	438,016	38,795	424,551	390,056	34,495
Operatives and kindred wkrs., n. e. c. by ind:						
Manufacturing	4,418,973	2,580,914	1,838,059	3,899,633	2,303,054	1,596,579
Food and kindred products	356,588	226,198	130,390	313,068	200,298	112,770
Tobacco manufactures	82,563	25,345	57,218	71,883	20,225	51,658
Cotton manufactures	383,250	204,235	179,015	355,850	188,695	167,155
Silk and rayon manufactures	88,463	41,345	47,118	75,983	33,925	42,058
Woolen and worsted manufactures	125,124	65,306	59,818	103,764	52,226	51,538
Knit goods	186,093	63,067	123,026	171,993	56,887	115,106
Other textile-mill products	128,539	76,951	51,588	114,799	68,011	46,788
Apparel and other fabricated textile products	728,843	153,152	575,691	578,663	130,832	447,831

[1] Most inspectors in manufacturing industries are classified as operatives.
[2] Mine laborers are included in "Mine operatives and laborers," in this group.

No. 223.—Occupation of Persons in the Experienced Labor Force and of Employed Persons (Except on Public Emergency Work), by Sex: 1940—Con.

Occupation	Experienced labor force			Employed (except on public emergency work)		
	Total	Male	Female	Total	Male	Female
Operatives and kindred workers—Con.						
Operatives and kindred workers, n. e. c., by industry—Con.						
Manufacturing—Con.						
Lumber, furniture, and lumber products	195,978	169,424	26,554	174,498	150,344	24,154
Paper, paper products, and printing	231,238	147,817	83,421	212,998	136,637	76,361
Chemicals, and petroleum and coal prod.	158,989	124,028	34,961	149,449	117,068	32,381
Rubber products	86,109	62,418	23,691	78,229	55,758	22,471
Footwear industries, exc. rubber	221,815	123,924	97,891	197,975	106,724	91,251
Leather and leather prod., except footwear	80,572	52,807	27,765	70,712	45,947	24,765
Stone, clay, and glass products	125,618	99,045	26,573	113,518	88,165	25,353
Iron and steel, and not spec. metal ind	340,744	295,117	45,627	306,404	263,837	42,567
Nonferrous metals and their products	80,550	58,569	21,981	73,550	52,849	20,701
Machinery	308,441	217,043	91,398	282,701	198,523	84,178
Automobiles and automobile equip	219,029	191,263	27,766	199,169	173,283	25,886
Transportation equip., exc. auto	64,976	62,922	2,054	60,596	58,682	1,914
Other manufacturing industries	225,451	120,938	104,513	193,831	104,138	89,693
Nonmanufacturing industries and services	525,844	424,275	101,569	452,684	366,175	86,509
Domestic service workers	2,349,394	161,411	2,187,983	2,111,314	142,231	1,969,083
Protective service workers	714,594	709,873	4,721	681,534	677,213	4,321
Firemen, fire department	78,822	78,822		77,782	77,782	
Guards and watchmen	236,299	233,804	2,495	212,259	210,004	2,255
Policemen, sheriffs, and marshals	176,988	174,762	2,226	171,568	169,502	2,066
Soldiers, sailors, marines, and coast guards [3]	222,485	222,485		219,925	219,925	
Service workers, except domestic and protective	3,115,740	1,719,702	1,396,038	2,776,800	1,519,482	1,257,318
Barbers, beauticians, and manicurists	440,111	221,979	218,132	416,031	209,439	206,592
Boarding house and lodginghouse keepers	111,609	10,774	100,835	110,849	10,494	100,355
Charwomen, janitors, and porters	630,724	549,419	81,305	575,624	499,519	76,105
Cooks, except private family	335,806	203,176	132,630	276,646	160,336	116,310
Elevator operators	85,266	71,280	13,986	76,806	64,120	12,686
Housekeepers, stewards, hostesses, excluding private family	88,375	19,924	68,451	79,175	16,824	62,351
Practical nurses and midwives	109,287	4,949	104,338	91,107	3,909	87,198
Servants, except private family	353,213	161,869	191,344	316,153	141,429	174,724
Waiters and bartenders	733,250	323,934	409,316	640,490	281,354	359,136
Other service workers except domestic and protective	228,099	152,398	75,701	193,919	132,058	61,861
Farm laborers and foremen	3,530,550	3,190,885	339,665	3,090,010	2,770,005	320,005
Farm laborers (wage workers) and foremen	2,337,310	2,223,784	113,526	1,924,890	1,828,164	96,726
Farm laborers (unpaid family workers)	1,193,240	967,101	226,139	1,165,120	941,841	223,279
Laborers except farm and mine	4,612,268	4,490,673	121,595	3,064,128	2,965,693	98,435
Fishermen and oystermen	62,574	62,136	438	55,274	54,876	398
Longshoremen and stevedores	75,103	74,681	422	63,543	63,241	302
Lumbermen, raftsmen, and woodchoppers	164,264	163,697	567	127,884	127,497	387
Other specified laborers	265,594	263,134	2,460	224,134	222,194	1,940
Laborers, n. e. c., by industry:						
Construction	1,243,534	1,236,688	6,846	437,834	435,808	2,026
Manufacturing	1,543,500	1,459,719	83,781	1,309,900	1,237,239	72,661
Food and kindred products	178,692	162,065	16,627	147,592	132,945	13,647
Textiles, textile products, and apparel	100,614	85,243	15,371	86,994	72,943	14,051
Lumber, furniture, and lumber products	291,959	286,922	5,037	257,399	252,922	4,477
Paper, paper products, and printing	66,843	61,437	5,406	59,923	55,037	4,886
Chemicals, and petroleum and coal products	121,448	118,182	3,266	108,128	105,122	3,006
Leather and leather products	28,222	23,940	4,282	24,142	20,200	3,942
Stone, clay, and glass products	106,397	103,271	3,126	91,077	88,131	2,946
Iron and steel and not spec. metal industries	323,983	318,465	5,518	265,343	260,725	4,618
Nonferrous metals and their products	45,118	43,232	1,886	40,738	39,012	1,726
Machinery	81,152	75,012	6,140	72,272	66,752	5,520
Auto. and auto. equipment	69,541	66,862	2,679	56,741	54,302	2,439
Transportation equip., exc. automobile	33,145	32,832	313	28,845	28,572	273
Other manufacturing industries	96,386	82,256	14,130	70,706	59,576	11,130
Nonmanufacturing	1,257,699	1,230,618	27,081	845,559	824,838	20,721
Railroads (including repair shops)	255,537	253,820	1,717	213,097	211,660	1,437
Transportation, except railroads	102,797	101,883	914	84,277	83,483	794
Communication and utilities	96,163	95,674	489	85,623	85,154	469
Wholesale and retail trade	242,049	233,536	8,513	210,509	202,816	7,693
Personal services	22,806	17,398	5,408	19,926	14,758	5,168
Other nonmanufacturing ind. and serv	538,347	528,307	10,040	232,127	226,967	5,160
Occupation not reported	1,282,739	841,494	441,245	378,719	244,734	133,985

[3] Excludes commissioned officers, professional and clerical workers, and craftsmen.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census releases, Series P-14, No. 13.

No. 224.—Major Occupation Group of Employed Persons (Except on Public Emergency Work), by Sex, by States: 1940

[For definition of "Employed (except on public emergency work)", see note 1, table 221. Classification by occupation refers to job in which engaged during week of Mar. 24-30, 1940. For total employed males and females by States, see table 226]

Division and State	Male									
	Professional and semi-professional workers	Farmers and farm managers	Proprietors, managers, and officials, except farm	Clerical, sales, and kindred workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Service workers	Farm laborers and foremen	Laborers, except farm and mine	Occupation not reported
United States	**1,875,387**	**4,991,715**	**3,325,767**	**4,360,648**	**4,949,132**	**6,205,898**	**2,338,926**	**2,770,005**	**2,965,693**	**244,734**
New England	**133,017**	**75,215**	**225,310**	**313,420**	**406,125**	**548,026**	**164,072**	**62,833**	**185,843**	**17,923**
Maine	9,116	22,215	20,943	22,197	30,232	44,983	12,001	12,725	28,268	1,535
New Hampshire	6,155	8,518	12,578	13,230	20,650	34,433	6,819	6,033	14,394	1,262
Vermont	4,179	16,175	9,008	9,232	13,760	14,417	5,036	13,638	9,931	787
Massachusetts	73,668	14,746	115,561	175,405	203,070	274,927	89,793	16,430	78,020	9,058
Rhode Island	10,311	1,946	18,789	25,206	36,096	53,550	16,088	2,437	13,646	1,013
Connecticut	29,588	11,615	48,431	68,150	102,317	125,716	34,335	11,570	41,584	4,268
Middle Atlantic	**488,014**	**246,761**	**785,854**	**1,194,498**	**1,225,401**	**1,598,258**	**620,323**	**174,663**	**664,906**	**60,892**
New York	268,511	116,501	440,873	666,897	590,280	692,159	383,952	80,324	250,004	31,662
New Jersey	82,964	20,310	128,718	194,319	216,945	248,662	88,599	21,558	107,116	10,946
Pennsylvania	136,539	109,950	216,263	333,282	418,176	657,437	147,772	72,781	307,786	18,284
E. North Central	**405,309**	**807,917**	**687,955**	**963,379**	**1,239,136**	**1,504,676**	**439,013**	**376,583**	**602,726**	**51,644**
Ohio	106,921	173,056	180,984	245,985	333,023	400,249	103,582	73,328	161,608	13,418
Indiana	46,778	143,973	83,468	104,650	149,989	177,714	47,834	54,376	85,481	7,292
Illinois	132,737	183,905	220,635	347,864	364,442	430,187	166,963	90,387	176,129	14,249
Michigan	76,928	140,964	125,014	177,675	271,992	359,150	81,798	64,406	118,083	11,449
Wisconsin	41,945	166,019	77,854	87,205	119,690	137,376	38,836	94,086	61,425	5,236
W. North Central	**169,541**	**989,213**	**358,636**	**403,664**	**390,329**	**418,016**	**173,059**	**415,745**	**209,124**	**23,061**
Minnesota	35,265	179,261	75,069	86,927	84,353	84,693	37,733	93,670	40,942	4,592
Iowa	29,915	204,142	67,865	69,005	74,668	77,738	26,067	96,168	41,719	5,144
Missouri	50,059	210,361	99,234	136,457	122,837	149,952	60,395	84,737	68,747	5,862
North Dakota	6,425	71,403	15,068	11,972	9,667	8,060	4,851	33,270	4,828	1,197
South Dakota	7,378	69,989	16,076	12,382	11,501	11,666	5,117	25,855	6,280	1,253
Nebraska	16,738	115,768	35,565	37,742	32,367	30,084	15,744	42,223	17,675	1,723
Kansas	23,761	138,289	49,759	49,179	54,936	55,823	23,152	39,822	28,933	3,290
South Atlantic	**198,489**	**797,230**	**358,174**	**462,264**	**545,528**	**805,771**	**313,794**	**572,930**	**493,167**	**31,435**
Delaware	5,117	7,448	7,460	9,495	13,180	13,151	5,152	5,871	8,668	658
Maryland	30,961	31,053	48,306	75,199	90,645	92,859	40,685	33,840	61,733	4,709
District of Columbia	22,875	60	19,046	47,637	28,547	25,872	28,209	189	16,077	1,075
Virginia	30,223	124,132	55,379	69,181	93,334	116,151	55,328	86,791	87,478	4,029
West Virginia	19,035	48,534	30,847	38,026	57,867	147,774	15,150	27,935	36,059	3,178
North Carolina	26,465	239,080	57,719	65,102	86,024	159,574	44,527	130,180	82,816	6,809
South Carolina	14,001	114,871	26,568	30,698	41,808	77,934	23,909	91,875	42,940	2,160
Georgia	25,665	192,320	55,797	67,250	73,181	108,365	54,453	140,098	84,718	4,847
Florida	24,147	39,732	57,052	59,676	60,942	64,091	46,381	56,151	72,678	3,961
E. South Central	**87,946**	**861,045**	**168,241**	**192,281**	**239,820**	**361,980**	**120,765**	**395,367**	**219,418**	**15,556**
Kentucky	24,925	202,073	48,101	54,823	70,321	117,531	35,316	99,882	41,384	4,215
Tennessee	27,905	201,013	52,395	64,727	76,901	106,374	37,665	95,652	61,342	4,229
Alabama	20,098	200,798	40,725	47,268	62,493	102,036	30,394	106,191	67,945	4,418
Mississippi	15,018	257,161	27,020	25,463	30,105	36,039	17,390	93,642	48,747	2,694
W. South Central	**145,400**	**830,328**	**305,015**	**321,465**	**333,728**	**380,135**	**204,814**	**468,672**	**271,344**	**18,464**
Arkansas	14,962	185,844	31,539	29,229	32,176	37,182	15,730	93,981	42,665	2,538
Louisiana	22,546	134,996	44,535	55,704	57,133	73,186	37,935	85,425	73,944	2,497
Oklahoma	29,214	153,246	55,242	54,832	56,719	61,955	30,218	57,382	27,178	4,137
Texas	78,678	356,242	173,699	181,700	187,700	207,812	120,931	231,884	127,557	9,292
Mountain	**59,398**	**195,581**	**107,599**	**107,704**	**126,828**	**162,595**	**62,187**	**116,447**	**68,855**	**7,169**
Montana	7,548	37,233	15,459	14,406	17,182	23,468	7,856	19,609	9,683	856
Idaho	6,618	37,304	12,841	11,182	13,691	16,792	5,261	18,585	9,527	947
Wyoming	3,325	13,656	7,532	5,503	9,416	10,891	7,308	10,769	3,956	347
Colorado	17,636	44,168	31,214	35,270	35,411	43,369	18,533	25,781	17,401	2,242
New Mexico	6,324	26,097	10,819	9,368	12,761	16,331	5,386	16,854	7,801	759
Arizona	7,351	13,999	12,455	12,470	15,075	22,451	8,418	14,509	9,868	831
Utah	8,329	20,175	13,292	16,385	17,951	21,220	6,375	7,394	8,117	871
Nevada	2,267	2,949	3,987	3,120	5,341	8,073	3,050	2,946	2,502	316
Pacific	**188,273**	**188,425**	**328,983**	**401,973**	**442,237**	**426,441**	**240,899**	**186,765**	**250,310**	**18,590**
Washington	27,382	49,146	55,891	58,921	79,910	74,429	38,922	27,920	62,287	3,517
Oregon	17,082	42,792	34,679	36,394	45,409	44,279	16,862	23,632	39,810	2,615
California	143,809	96,487	238,413	306,658	316,918	307,733	185,115	135,213	148,213	12,458

No. 224.—Major Occupation Group of Employed Persons (Except on Public Emergency Work), by Sex, by States: 1940—Continued

Division and State	Female									
	Professional and semi-professional workers	Farmers and farm managers	Proprietors, managers, and officials, except farm	Clerical, sales, and kindred workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Service workers	Farm laborers and foremen	Laborers, except farm and mine	Occupation not reported
United States	1,469,661	151,899	423,520	3,156,982	106,590	2,046,379	3,230,722	320,005	98,435	133,985
New England	118,463	2,810	24,595	263,523	11,517	285,412	201,586	1,261	8,376	10,800
Maine	9,793	668	2,588	15,909	591	21,531	21,618	210	927	986
New Hampshire	6,327	370	1,694	10,721	440	18,047	13,147	92	481	608
Vermont	4,822	447	1,144	6,970	210	3,943	10,559	101	246	487
Massachusetts	64,779	697	12,153	149,822	6,383	138,118	102,919	417	3,080	5,741
Rhode Island	8,582	89	2,022	21,324	1,328	37,473	13,663	40	521	599
Connecticut	24,160	539	4,994	58,777	2,565	66,300	39,680	401	3,121	2,379
Middle Atlantic	345,534	7,086	87,104	860,088	33,133	652,678	666,019	5,822	22,606	34,104
New York	190,852	3,591	49,123	488,849	18,328	309,724	364,123	2,539	8,491	17,735
New Jersey	50,946	920	13,710	139,277	5,525	132,728	92,840	1,052	5,826	6,098
Pennsylvania	103,736	2,575	24,271	231,962	9,280	210,226	209,056	2,231	8,289	10,271
E. North Central	283,651	15,801	80,931	731,643	26,505	387,843	582,381	13,940	28,607	27,172
Ohio	71,079	3,069	20,301	181,117	7,247	98,466	156,499	1,752	6,208	7,075
Indiana	31,741	2,341	10,674	76,439	2,848	48,964	67,816	1,340	4,167	3,818
Illinois	90,934	2,823	27,065	272,754	9,264	142,271	182,239	2,101	9,738	7,744
Michigan	54,731	3,202	14,290	131,245	5,133	63,507	112,483	1,895	5,823	5,185
Wisconsin	35,166	4,366	8,601	70,088	2,013	34,635	63,344	6,852	2,671	3,350
W. North Central	167,655	17,214	44,611	289,678	7,975	109,970	294,511	11,016	7,026	13,493
Minnesota	36,853	3,380	8,288	66,246	1,758	19,115	66,017	3,361	1,123	2,853
Iowa	33,130	2,957	7,481	51,053	1,223	14,420	53,302	1,840	1,839	3,105
Missouri	38,875	4,251	13,690	92,767	3,247	59,058	88,438	2,488	2,320	3,319
North Dakota	8,058	1,273	1,672	8,050	140	1,180	11,896	688	65	633
South Dakota	9,075	1,166	2,178	9,525	209	1,657	11,463	807	214	723
Nebraska	18,443	1,518	4,480	27,377	587	5,357	27,391	873	721	1,051
Kansas	23,221	2,669	6,822	34,660	811	9,183	36,004	959	744	1,809
South Atlantic	175,778	32,955	46,512	324,736	9,263	321,356	568,630	123,635	15,645	17,806
Delaware	3,084	191	953	7,613	243	4,549	8,709	226	447	412
Maryland	20,313	808	5,587	51,152	2,260	36,373	57,969	1,333	2,130	2,996
District of Columbia	12,025	4	3,190	56,355	631	6,738	39,345	2	312	711
Virginia	25,977	4,454	6,359	46,392	1,364	40,892	75,896	4,737	2,799	2,162
West Virginia	16,401	1,573	3,961	24,000	593	13,153	31,991	765	828	1,424
North Carolina	32,285	8,122	6,041	40,269	1,330	98,841	90,700	25,729	3,357	3,720
South Carolina	17,437	8,564	3,137	18,159	453	40,633	59,175	44,186	1,138	1,418
Georgia	27,436	6,988	7,568	42,976	1,440	57,468	118,537	32,793	2,631	2,881
Florida	20,820	2,251	9,716	37,820	949	22,709	86,308	13,864	2,003	2,082
E. South Central	81,225	37,243	22,155	124,894	4,244	107,001	264,772	92,668	5,693	8,266
Kentucky	20,168	3,769	6,733	36,755	1,673	23,130	51,036	2,167	1,404	2,157
Tennessee	24,397	5,063	6,448	42,125	1,583	43,784	77,642	8,182	2,097	2,190
Alabama	21,877	11,066	5,131	28,725	594	26,906	79,585	33,829	1,381	2,388
Mississippi	14,783	17,345	3,843	17,289	394	13,181	56,509	48,490	811	1,531
W. South Central	118,047	25,136	41,309	201,009	4,446	65,877	343,736	58,632	4,938	9,685
Arkansas	12,695	5,763	4,660	17,471	348	5,540	37,626	11,940	656	1,399
Louisiana	21,322	5,402	5,858	35,169	796	14,523	78,947	18,390	1,553	1,281
Oklahoma	22,432	3,147	8,099	37,069	714	7,495	44,614	2,275	538	2,233
Texas	61,598	10,824	22,692	111,300	2,588	38,319	182,549	26,027	2,191	4,772
Mountain	47,381	4,880	17,182	72,714	1,572	20,475	75,308	3,021	890	3,468
Montana	7,075	983	2,519	9,222	143	1,503	9,990	317	66	446
Idaho	5,148	654	1,837	7,530	123	1,679	7,939	341	164	443
Wyoming	3,122	307	1,148	3,774	56	656	4,481	142	19	151
Colorado	14,663	987	5,480	25,310	624	5,562	23,804	776	380	1,124
New Mexico	5,173	726	1,878	6,075	208	3,724	9,086	483	55	361
Arizona	5,529	890	2,106	7,927	135	4,107	10,763	805	68	416
Utah	5,440	221	1,587	10,883	251	2,844	6,888	141	128	394
Nevada	1,231	112	627	1,993	32	400	2,357	16	10	133
Pacific	131,927	8,774	59,121	288,697	7,935	95,767	233,779	10,010	4,654	9,191
Washington	20,175	2,147	9,141	43,364	1,050	11,841	37,540	1,515	909	1,665
Oregon	13,718	1,582	6,249	27,715	839	7,721	25,494	1,080	600	1,246
California	98,034	5,045	43,731	217,618	6,046	76,205	170,745	7,415	3,145	6,280

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

No. 225.—Social-Economic Group of Persons 14 Years Old and Over in the Experienced Labor Force in 1940 and Gainful Workers 14 Years Old and Over in 1930, in 1920, and in 1910, by Sex

[See also *Historical Statistics*, series D 77-89]

Social-economic group and sex	Number				Percent distribution			
	Experienced labor force, 1940 [1]	Gainful workers			1940	1930	1920	1910
		1930	1920	1910				
Total	**52,020,023**	**48,594,592**	**41,236,185**	**37,271,360**	**100.0**	**100.0**	**100.0**	**100.0**
Professional persons	3,381,993	2,945,605	2,049,919	1,632,185	6.5	6.1	5.0	4.4
Proprietors, managers, and officials	9,233,643	9,665,489	9,180,483	8,579,458	17.8	19.9	22.3	23.0
Farmers (owners and tenants)	5,274,706	6,012,012	6,387,358	6,132,368	10.1	12.4	15.5	16.5
Wholesale and retail dealers	2,037,900	1,786,996	1,401,751	1,245,801	3.9	3.7	3.4	3.3
Other proprietors, managers, and officials	1,921,037	1,866,481	1,391,374	1,201,289	3.7	3.8	3.4	3.2
Clerks and kindred workers	8,923,939	7,936,285	5,682,150	3,804,474	17.2	16.3	13.8	10.2
Skilled workers and foremen	6,104,985	6,282,665	5,570,533	4,363,984	11.7	12.9	13.5	11.7
Semiskilled workers	10,918,312	7,972,711	6,631,733	5,489,315	21.0	16.4	16.1	14.7
Semiskilled workers in manufacturing	[2]	4,555,905	4,352,329	3,653,808	[2]	9.4	10.6	9.8
Other semiskilled workers	[2]	3,416,806	2,279,404	1,835,507	[2]	7.0	5.5	4.9
Unskilled workers	13,457,151	13,791,837	12,121,367	13,401,944	25.9	28.4	29.4	36.0
Farm laborers	3,708,191	4,187,201	3,857,833	5,407,102	7.1	8.6	9.4	14.5
Laborers, except farm	5,566,493	6,272,700	6,018,944	5,461,957	10.7	12.9	14.6	14.7
Factory and bldg. const. laborers	[2]	3,371,492	3,131,734	2,647,096	[2]	6.9	7.6	7.1
Other laborers	[2]	2,901,208	2,887,210	2,814,861	[2]	6.0	7.0	7.6
Servant classes	4,182,467	3,331,936	2,244,590	2,532,885	8.0	6.9	5.4	6.8
Male	**39,445,945**	**37,915,544**	**32,806,478**	**29,482,534**	**100.0**	**100.0**	**100.0**	**100.0**
Professional persons	1,846,541	1,497,830	1,061,664	913,637	4.7	4.0	3.2	3.1
Proprietors, managers, and officials	8,701,805	9,159,849	8,757,526	8,183,312	22.1	24.2	26.7	27.8
Farmers (owners and tenants)	5,120,943	5,749,367	6,121,781	5,859,228	13.0	15.2	18.7	19.9
Wholesale and retail dealers	1,858,017	1,675,146	1,321,989	1,177,808	4.7	4.4	4.0	4.0
Other proprietors, managers, and officials	1,722,845	1,735,336	1,313,756	1,146,276	4.4	4.6	4.0	3.9
Clerks and kindred workers	5,268,665	4,864,778	3,490,728	2,723,293	13.4	12.8	10.6	9.2
Skilled workers and foremen	6,001,173	6,201,520	5,468,979	4,267,251	15.2	16.4	16.7	14.5
Semiskilled workers	7,336,107	5,444,413	4,371,477	3,314,058	18.6	14.4	13.3	11.2
Semiskilled workers in manufacturing	[2]	2,879,861	2,686,138	2,021,605	[2]	7.6	8.2	6.9
Other semiskilled workers	[2]	2,564,552	1,685,339	1,292,453	[2]	6.8	5.1	4.4
Unskilled workers	10,291,654	10,747,154	9,656,104	10,080,983	26.1	28.3	29.4	34.2
Farm laborers	3,362,430	3,606,736	3,162,121	4,132,237	8.5	9.5	9.6	14.0
Laborers, except farm	5,436,743	6,116,299	5,819,073	5,356,464	13.8	16.1	17.7	18.2
Factory and bldg. const. laborers	[2]	3,246,312	2,963,036	2,559,451	[2]	8.6	9.0	8.7
Other laborers	[2]	2,869,987	2,856,037	2,797,013	[2]	7.6	8.7	9.5
Servant classes	1,492,481	1,024,119	674,910	592,282	3.8	2.7	2.1	2.0
Female	**12,574,078**	**10,679,048**	**8,429,707**	**7,788,826**	**100.0**	**100.0**	**100.0**	**100.0**
Professional persons	1,535,452	1,447,775	988,255	718,548	12.2	13.6	11.7	9.2
Proprietors, managers, and officials	531,838	505,640	422,957	396,146	4.2	4.7	5.0	5.1
Farmers (owners and tenants)	153,763	262,645	265,577	273,140	1.2	2.5	3.2	3.5
Wholesale and retail dealers	179,883	111,850	79,762	67,993	1.4	1.0	.9	.9
Other proprietors, managers, and officials	198,192	131,145	77,618	55,013	1.6	1.2	.9	.7
Clerks and kindred workers	3,655,274	3,071,507	2,191,422	1,081,181	29.1	28.8	26.0	13.9
Skilled workers and foremen	103,812	81,145	101,554	96,733	.8	.8	1.2	1.2
Semiskilled workers	3,582,205	2,528,298	2,260,256	2,175,257	28.5	23.7	26.8	27.9
Semiskilled workers in manufacturing	[2]	1,676,044	1,666,191	1,632,203	[2]	15.7	19.8	21.0
Other semiskilled workers	[2]	852,254	594,065	543,054	[2]	8.0	7.0	7.0
Unskilled workers	3,165,497	3,044,683	2,465,263	3,320,961	25.2	28.5	29.2	42.6
Farm laborers	345,761	580,465	695,712	1,274,865	2.7	5.4	8.3	16.4
Laborers, except farm	129,750	156,401	199,871	105,493	1.0	1.5	2.4	1.4
Factory and bldg. const. laborers	[2]	125,180	168,698	87,645	[2]	1.2	2.0	1.1
Other laborers	[2]	31,221	31,173	17,848	[2]	.3	.4	.2
Servant classes	2,689,986	2,307,817	1,569,680	1,940,603	21.4	21.6	18.6	24.9

[1] Comprises a summation of the complete count of present occupations for employed persons (except on emergency work) and of the tabulations from Sample B (see p. 1) of usual occupations for persons on emergency work and for experienced workers seeking work as shown in table 223. For definitions of these labor force groups, see footnotes on table 221.

[2] Comparable figures not available.

Source: Department of Commerce, Bureau of the Census; special report of Sixteenth Census, Comparative Occupation Statistics for the United States, 1870 to 1940.

No. 226.—Major Industry Group of Employed Persons (Except on Public Emergency Work), by Sex, by States: 1940

[For definition of "Employed (except on public emergency work)," see note 1, table 221. Classification by industry refers to job in which engaged during week of Mar. 24–30, 1940]

Division and state	Male						
	All industries	Agriculture, forestry, and fishery	Mining	Construction	Manufacturing	Transportation, communication, and other public utilities	Wholesale and retail trade
United States	**34,027,905**	**7,988,343**	**902,061**	**2,022,032**	**8,250,590**	**2,768,267**	**5,509,228**
New England	**2,131,784**	**156,358**	**4,505**	**138,883**	**833,938**	**153,089**	**382,588**
Maine	204,215	38,756	555	11,906	68,160	15,062	31,473
New Hampshire	124,072	15,559	308	8,895	49,914	7,602	18,639
Vermont	96,163	30,283	1,435	5,535	22,767	6,821	12,264
Massachusetts	1,050,678	40,153	1,449	67,043	400,369	84,611	209,298
Rhode Island	179,082	5,461	177	12,838	78,960	10,844	33,131
Connecticut	477,574	26,146	581	32,666	213,768	28,149	77,783
Middle Atlantic	**7,059,570**	**442,137**	**235,385**	**453,940**	**2,210,034**	**700,217**	**1,320,225**
New York	3,521,163	206,354	8,614	236,763	968,453	363,343	739,295
New Jersey	1,120,137	47,488	3,461	76,994	413,381	111,847	202,725
Pennsylvania	2,418,270	188,295	223,310	140,183	828,200	225,027	378,205
East North Central	**7,078,338**	**1,207,887**	**112,270**	**373,856**	**2,412,359**	**593,701**	**1,142,140**
Ohio	1,792,154	252,735	32,102	99,325	652,102	156,869	287,597
Indiana	901,555	201,228	13,315	49,357	284,027	72,676	134,705
Illinois	2,127,498	279,669	48,715	114,598	637,213	223,327	389,814
Michigan	1,427,459	210,543	15,679	71,809	613,849	87,731	207,873
Wisconsin	829,672	263,712	2,459	38,767	225,168	53,098	122,151
West North Central	**3,550,388**	**1,419,016**	**45,919**	**179,516**	**439,238**	**287,661**	**575,023**
Minnesota	722,505	275,987	7,840	36,828	95,017	58,038	122,114
Iowa	692,431	303,619	6,313	35,592	82,197	50,522	107,078
Missouri	988,641	298,820	12,326	55,649	179,997	87,961	172,295
North Dakota	166,741	105,027	972	4,040	4,272	9,129	21,119
South Dakota	167,497	96,382	2,840	6,125	7,965	7,775	21,940
Nebraska	345,629	159,532	593	16,749	25,024	29,721	55,158
Kansas	466,944	179,649	15,035	24,533	44,766	44,515	75,319
South Atlantic	**4,578,782**	**1,426,249**	**151,829**	**286,251**	**958,159**	**316,154**	**610,421**
Delaware	76,200	13,784	99	6,847	22,801	7,380	10,614
Maryland	509,990	70,471	3,994	38,723	141,781	52,544	82,339
District of Columbia	189,587	558	123	19,379	19,210	17,798	36,776
Virginia	722,026	219,856	24,055	47,944	145,772	58,873	86,668
West Virginia	424,405	77,211	112,773	20,455	77,479	36,342	45,975
North Carolina	898,296	374,670	2,871	46,469	225,490	37,478	100,089
South Carolina	466,773	208,957	1,315	22,142	110,706	17,609	49,045
Georgia	806,694	348,529	4,031	41,127	148,407	46,533	98,110
Florida	484,811	112,213	2,568	43,165	66,513	41,597	100,805
East South Central	**2,662,419**	**1,270,839**	**106,464**	**129,917**	**390,876**	**150,733**	**286,298**
Kentucky	698,571	303,512	60,239	35,140	77,144	49,029	78,584
Tennessee	728,203	299,548	14,326	42,312	128,981	46,641	94,566
Alabama	682,366	311,540	30,024	28,478	129,767	35,240	68,041
Mississippi	553,279	356,239	1,875	23,987	54,984	19,823	45,107
West South Central	**3,279,365**	**1,329,991**	**112,944**	**187,488**	**371,096**	**224,338**	**504,166**
Arkansas	485,846	283,740	5,848	17,069	53,339	22,899	49,108
Louisiana	587,901	232,061	14,474	34,512	87,388	46,259	83,323
Oklahoma	530,123	212,690	32,954	26,517	45,854	28,875	84,571
Texas	1,675,495	601,500	59,668	109,390	184,515	126,305	287,164
Mountain	**1,014,363**	**322,444**	**79,747**	**65,668**	**90,880**	**95,386**	**162,348**
Montana	153,300	58,198	13,407	8,759	12,934	13,711	21,623
Idaho	132,748	57,781	6,673	7,133	11,688	9,364	19,319
Wyoming	72,703	25,007	6,225	4,121	4,322	8,503	9,154
Colorado	271,025	72,097	15,748	17,628	30,812	25,864	48,440
New Mexico	112,500	43,901	8,763	8,305	5,923	8,633	16,680
Arizona	117,427	30,824	12,701	8,714	9,534	10,493	20,718
Utah	120,109	28,451	10,018	7,975	13,913	13,911	21,296
Nevada	34,551	6,185	6,212	3,033	1,754	4,907	5,118
Pacific	**2,672,896**	**413,422**	**52,998**	**206,513**	**544,010**	**246,988**	**526,019**
Washington	478,325	84,434	5,352	37,005	120,019	46,023	81,206
Oregon	303,554	70,411	2,902	20,445	74,184	27,687	51,108
California	1,891,017	258,577	44,744	149,063	349,807	173,278	393,705

No. 226.—Major Industry Group of Employed Persons (Except on Public Emergency Work), by Sex, by States: 1940—Continued

Division and state	Male—continued						
	Finance, insurance, and real estate	Business and repair services	Personal services	Amusement, recreation, and related services	Professional and related services	Government	Industry not reported
United States	**1,013,297**	**787,377**	**1,133,555**	**316,063**	**1,472,453**	**1,414,069**	**450,570**
New England	**70,430**	**51,745**	**82,137**	**17,748**	**108,121**	**98,949**	**33,293**
Maine	3,586	5,179	6,504	1,457	8,253	9,295	4,029
New Hampshire	2,314	3,170	4,469	853	5,562	4,440	2,347
Vermont	1,657	2,424	2,629	519	3,748	4,318	1,763
Massachusetts	39,847	26,533	42,603	9,898	59,702	53,413	15,759
Rhode Island	4,790	3,959	7,093	1,520	8,062	10,217	2,030
Connecticut	18,236	10,480	18,839	3,501	22,794	17,266	7,365
Middle Atlantic	**341,475**	**183,586**	**290,986**	**74,541**	**374,017**	**309,195**	**123,832**
New York	216,106	101,091	172,664	47,221	212,765	182,687	65,807
New Jersey	58,442	28,654	43,953	9,678	54,253	46,224	23,037
Pennsylvania	66,927	53,841	74,369	17,642	106,999	80,284	34,988
East North Central	**195,377**	**167,569**	**195,903**	**60,456**	**298,871**	**236,011**	**81,938**
Ohio	46,642	41,835	49,581	15,573	78,500	57,956	21,337
Indiana	19,770	19,993	21,717	6,728	39,420	25,947	12,672
Illinois	80,313	57,900	71,875	21,036	94,835	84,193	24,010
Michigan	32,014	29,970	34,995	11,453	53,100	43,543	14,900
Wisconsin	16,638	17,871	17,735	5,666	33,016	24,372	9,019
West North Central	**89,173**	**87,145**	**87,452**	**27,440**	**150,722**	**118,578**	**43,505**
Minnesota	19,096	17,958	17,575	6,233	32,477	25,930	7,403
Iowa	14,811	16,418	13,733	4,943	27,772	18,868	10,565
Missouri	30,751	24,499	31,725	7,581	42,244	32,143	12,650
North Dakota	2,239	3,602	2,485	972	6,109	4,997	1,778
South Dakota	2,496	3,871	2,689	1,317	6,996	5,283	1,818
Nebraska	9,014	8,838	8,016	2,741	14,168	12,814	3,261
Kansas	10,766	11,959	11,229	3,653	20,956	18,534	6,030
South Atlantic	**92,445**	**77,572**	**157,892**	**34,211**	**158,579**	**251,320**	**57,700**
Delaware	1,952	1,600	2,815	569	2,812	3,208	1,719
Maryland	16,252	11,489	17,842	5,204	22,639	37,316	9,396
District of Columbia	9,558	4,539	11,670	2,066	13,997	51,677	2,236
Virginia	13,584	11,287	21,601	4,078	23,127	56,464	8,717
West Virginia	5,540	6,440	8,598	2,486	16,270	9,764	5,072
North Carolina	11,344	12,790	24,348	4,784	25,271	21,634	11,058
South Carolina	5,985	5,724	12,280	2,074	12,641	14,400	3,895
Georgia	13,811	12,039	26,097	4,382	22,426	32,868	8,334
Florida	14,419	11,664	32,641	8,568	19,396	23,989	7,273
East South Central	**37,159**	**39,618**	**67,573**	**12,058**	**76,820**	**66,207**	**27,857**
Kentucky	10,693	12,554	16,341	4,060	21,733	21,642	7,900
Tennessee	12,930	12,620	22,249	3,621	24,025	18,386	7,998
Alabama	9,379	8,488	16,912	2,666	17,812	16,988	7,031
Mississippi	4,157	5,956	12,071	1,711	13,250	9,191	4,928
West South Central	**67,772**	**71,350**	**109,652**	**24,778**	**121,597**	**116,056**	**38,137**
Arkansas	5,062	7,030	10,355	2,393	13,483	9,608	5,912
Louisiana	11,056	10,544	19,673	4,684	20,069	18,072	5,786
Oklahoma	11,913	13,369	15,843	4,523	24,871	20,284	7,859
Texas	39,741	40,407	63,781	13,178	63,174	68,092	18,580
Mountain	**19,899**	**26,735**	**29,828**	**9,663**	**47,788**	**50,376**	**13,601**
Montana	2,362	3,700	3,375	1,115	5,649	6,861	1,606
Idaho	1,927	3,216	2,976	1,229	5,387	4,256	1,799
Wyoming	900	1,692	1,841	568	2,849	6,782	739
Colorado	7,619	8,351	9,054	2,478	14,368	14,653	3,913
New Mexico	1,388	2,803	3,344	831	5,537	4,591	1,801
Arizona	2,061	3,000	4,660	1,342	6,101	5,796	1,483
Utah	3,138	3,138	3,228	1,171	6,580	5,630	1,660
Nevada	504	835	1,350	929	1,317	1,807	600
Pacific	**99,567**	**82,057**	**112,132**	**55,168**	**135,938**	**167,377**	**30,707**
Washington	13,737	12,644	14,434	4,316	22,174	31,336	5,645
Oregon	7,492	8,302	8,784	2,791	13,681	11,494	4,183
California	78,338	61,021	88,914	48,061	100,083	124,547	20,879

No. 226.—Major Industry Group of Employed Persons (Except on Public Emergency Work), by Sex, by States: 1940—Continued

Division and state	Female						
	All industries	Agriculture, forestry, and fishery	Mining	Construction	Manufacturing	Transportation, communication, and other public utilities	Wholesale and retail trade
United States	**11,138,178**	**487,089**	**10,939**	**34,242**	**2,322,252**	**345,086**	**2,029,540**
New England	**928,343**	**4,851**	**128**	**2,725**	**335,851**	**26,656**	**135,751**
Maine	74,821	966	7	144	23,482	2,128	10,314
New Hampshire	51,927	521	10	113	19,616	1,348	6,307
Vermont	28,929	582	20	56	4,708	1,035	4,060
Massachusetts	484,109	1,456	66	1,567	163,796	15,427	78,324
Rhode Island	85,641	164	12	226	42,310	1,887	11,534
Connecticut	202,916	1,162	13	619	81,939	4,831	25,212
Middle Atlantic	**2,714,174**	**14,386**	**2,016**	**9,599**	**792,116**	**87,899**	**456,320**
New York	1,453,355	6,816	285	5,615	388,957	49,337	243,497
New Jersey	448,922	2,332	99	1,384	158,468	15,089	62,504
Pennsylvania	811,897	5,238	1,632	2,600	244,691	23,473	150,319
East North Central	**2,178,474**	**32,098**	**1,188**	**7,506**	**508,136**	**78,998**	**478,645**
Ohio	552,813	5,497	328	2,012	131,095	16,827	121,057
Indiana	250,148	4,090	155	849	61,558	7,505	53,473
Illinois	746,933	5,533	493	2,649	184,276	34,349	170,870
Michigan	397,494	5,526	167	1,335	86,144	12,636	87,875
Wisconsin	231,086	11,452	45	661	45,063	7,681	45,370
West North Central	**963,149**	**30,173**	**488**	**2,809**	**117,419**	**35,774**	**214,154**
Minnesota	208,994	7,009	95	628	20,942	7,125	50,582
Iowa	170,350	5,403	30	616	16,530	6,140	37,835
Missouri	308,453	7,220	132	844	64,907	11,058	65,859
North Dakota	33,655	1,997	15	43	730	1,029	6,349
South Dakota	37,017	2,056	27	83	1,304	1,169	8,072
Nebraska	87,798	2,622	13	261	4,701	4,054	19,331
Kansas	116,882	3,866	176	334	8,305	5,199	26,126
South Atlantic	**1,636,316**	**159,714**	**897**	**3,762**	**315,292**	**32,384**	**209,095**
Delaware	26,427	461	8	122	6,842	530	4,124
Maryland	180,921	2,280	30	565	38,697	5,807	32,410
District of Columbia	119,313	20	2	351	3,028	3,334	15,805
Virginia	211,032	9,707	111	593	41,909	5,227	28,928
West Virginia	94,689	2,387	596	245	14,103	2,793	18,416
North Carolina	310,394	34,380	43	502	100,049	3,645	26,623
South Carolina	194,300	52,845	16	221	40,217	1,577	12,859
Georgia	300,718	40,554	47	567	56,822	5,657	31,569
Florida	198,522	17,080	44	596	13,625	3,814	38,361
East South Central	**748,161**	**130,615**	**574**	**1,428**	**104,528**	**14,257**	**95,215**
Kentucky	148,992	6,085	313	467	23,660	4,315	27,747
Tennessee	213,511	13,481	71	478	43,435	4,723	31,069
Alabama	211,482	45,041	148	319	25,652	3,230	21,854
Mississippi	174,176	66,008	42	164	11,781	1,989	14,545
West South Central	**872,815**	**85,111**	**3,838**	**2,271**	**48,089**	**24,740**	**167,577**
Arkansas	98,098	17,795	54	162	4,377	2,017	15,172
Louisiana	183,241	24,067	345	424	11,732	4,264	29,297
Oklahoma	128,616	5,635	2,055	341	4,904	4,487	29,012
Texas	462,860	37,614	1,384	1,344	27,076	13,972	94,096
Mountain	**246,891**	**8,908**	**694**	**659**	**15,344**	**9,259**	**57,446**
Montana	32,264	1,580	119	79	813	1,172	7,692
Idaho	25,858	1,081	62	54	871	1,064	6,635
Wyoming	13,856	584	57	23	279	492	3,187
Colorado	78,710	1,949	149	241	4,755	3,138	18,906
New Mexico	27,769	1,268	68	59	3,050	667	4,953
Arizona	32,746	1,831	105	111	3,065	796	6,771
Utah	28,777	414	84	68	2,401	1,671	7,609
Nevada	6,911	201	50	24	110	259	1,693
Pacific	**849,855**	**21,233**	**1,116**	**3,483**	**85,477**	**35,119**	**215,337**
Washington	129,347	3,998	77	436	10,988	5,492	34,911
Oregon	86,244	2,979	51	255	7,385	3,116	22,586
California	634,264	14,256	988	2,792	67,104	26,511	157,840

No. 226.—Major Industry Group of Employed Persons (Except on Public Emergency Work), by Sex, by States: 1940—Continued

Division and state	Female—continued						
	Finance, insurance, and real estate	Business and repair services	Personal services	Amusement, recreation, and related services	Professional and related services	Government	Industry not reported
United States	**454,300**	**76,877**	**2,875,762**	**79,279**	**1,845,128**	**339,418**	**238,266**
New England	**40,292**	**4,994**	**176,422**	**4,132**	**154,342**	**22,058**	**20,141**
Maine	1,634	286	19,821	325	12,231	2,036	1,447
New Hampshire	1,198	230	11,645	175	8,448	1,307	1,009
Vermont	859	147	9,706	99	6,045	887	725
Massachusetts	22,835	3,132	86,889	2,548	85,075	11,840	11,154
Rhode Island	2,468	313	12,333	250	11,176	1,706	1,262
Connecticut	11,298	886	36,028	735	31,367	4,282	4,544
Middle Atlantic	**139,422**	**24,031**	**581,324**	**21,337**	**439,072**	**64,977**	**81,675**
New York	82,363	16,678	320,787	14,662	241,392	34,950	48,016
New Jersey	29,699	2,898	86,284	2,203	64,992	8,921	14,049
Pennsylvania	27,360	4,455	174,253	4,472	132,688	21,106	19,610
East North Central	**90,662**	**18,841**	**480,241**	**14,889**	**367,152**	**55,453**	**44,665**
Ohio	20,534	4,114	127,395	3,586	94,194	14,972	11,202
Indiana	9,071	1,501	56,912	1,458	41,131	6,832	5,613
Illinois	36,902	8,136	152,833	5,660	115,609	15,683	13,940
Michigan	16,064	3,605	91,296	2,998	69,800	11,543	8,505
Wisconsin	8,091	1,485	51,805	1,187	46,418	6,423	5,405
West North Central	**41,162**	**6,699**	**247,310**	**5,961**	**209,272**	**32,246**	**19,682**
Minnesota	9,628	1,646	51,869	1,368	47,318	6,841	3,943
Iowa	7,008	1,276	44,083	1,120	40,731	4,849	4,729
Missouri	13,005	2,243	78,112	1,857	50,444	7,635	5,137
North Dakota	913	124	9,716	131	9,692	2,084	832
South Dakota	1,044	178	8,933	193	10,900	2,132	926
Nebraska	4,859	603	23,084	567	22,255	3,878	1,570
Kansas	4,705	629	31,513	725	27,932	4,827	2,545
South Atlantic	**38,162**	**5,367**	**546,121**	**6,874**	**214,469**	**78,006**	**26,173**
Delaware	917	144	7,779	88	3,913	645	854
Maryland	6,972	944	51,324	951	27,215	8,729	4,997
District of Columbia	5,062	739	35,180	644	15,830	37,822	1,496
Virginia	5,329	596	72,716	835	32,263	9,527	3,291
West Virginia	1,838	370	28,626	473	19,143	3,556	2,143
North Carolina	4,072	581	91,085	933	38,413	5,361	4,707
South Carolina	2,067	256	58,828	480	20,175	2,897	1,862
Georgia	5,548	880	116,613	1,102	32,560	5,051	3,748
Florida	6,357	857	83,970	1,368	24,957	4,418	3,075
East South Central	**14,755**	**2,277**	**255,509**	**2,652**	**98,524**	**16,768**	**11,059**
Kentucky	4,452	779	47,842	685	26,236	4,404	3,007
Tennessee	5,288	806	75,452	815	30,071	4,858	2,964
Alabama	3,305	463	77,790	636	25,565	4,418	3,061
Mississippi	1,710	229	54,425	516	17,652	3,088	2,027
West South Central	**27,629**	**3,920**	**322,982**	**5,947**	**143,427**	**24,044**	**13,240**
Arkansas	2,072	259	35,667	507	15,049	3,100	1,867
Louisiana	3,938	629	74,121	1,290	26,327	4,847	1,960
Oklahoma	5,111	724	40,249	961	26,889	5,156	3,092
Texas	16,508	2,308	172,945	3,189	75,162	10,941	6,321
Mountain	**9,201**	**1,762**	**63,933**	**2,352**	**58,887**	**12,831**	**5,615**
Montana	1,168	205	7,785	357	8,509	2,016	769
Idaho	757	144	6,611	243	6,292	1,371	673
Wyoming	378	100	3,774	117	3,783	856	226
Colorado	3,946	752	20,245	631	18,727	3,353	1,918
New Mexico	592	135	8,095	194	6,424	1,674	590
Arizona	914	175	9,653	325	6,976	1,440	584
Utah	1,269	197	5,787	306	6,694	1,634	643
Nevada	177	54	1,983	179	1,482	487	212
Pacific	**53,015**	**8,986**	**201,920**	**15,135**	**159,983**	**33,035**	**16,016**
Washington	7,707	1,315	30,088	1,412	25,545	4,751	2,627
Oregon	4,257	844	20,834	932	17,546	3,493	1,966
California	41,051	6,827	150,998	12,791	116,892	24,791	11,423

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Vol. II.

No. 227.—Employment and Pay Rolls of the Federal Government by Branch: 1929 to 1949

[Includes data for employees outside continental United States, force-account (temporary) construction workers, and fourth-class postmasters]

Year or month	Employment: Average for year or as of first of month				Pay rolls (thousands of dollars): Total for year or for month			
	Total	Executive[1]	Legislative	Judicial	Total	Executive[1]	Legislative	Judicial
1929	596,250	590,562	4,092	1,596	1,079,794	1,063,056	11,303	5,435
1930	610,931	604,948	4,231	1,752	1,117,830	1,100,273	11,686	5,871
1931	624,366	618,240	4,310	1,816	1,128,630	1,110,677	11,904	6,049
1932	621,580	615,432	4,366	1,782	1,059,138	1,041,792	11,552	5,794
1933	630,054	623,887	4,407	1,760	972,126	956,562	10,555	5,009
1934	718,765	712,209	4,731	1,825	1,169,370	1,151,547	12,521	5,302
1935	819,575	812,779	4,910	1,886	1,417,991	1,398,383	13,906	5,702
1936	893,590	886,431	5,124	2,035	1,604,860	1,584,485	14,429	5,946
1937	902,055	894,742	5,203	2,110	1,613,699	1,593,227	14,455	6,017
1938	900,410	893,033	5,233	2,144	1,626,622	1,605,741	14,511	6,370
1939	968,596	960,963	5,373	2,260	1,757,292	1,735,834	14,767	6,691
1940	1,077,691	1,069,371	5,879	2,441	1,978,152	1,955,068	15,640	7,444
1941	1,432,724	1,424,099	6,081	2,544	2,524,903	2,501,105	16,032	7,766
1942	2,233,280	2,224,246	6,401	2,633	4,431,091	4,406,373	16,625	8,093
1943	3,165,337	3,156,530	6,171	2,636	7,858,131	7,831,305	17,785	9,041
1944	3,337,318	3,328,469	6,189	2,660	8,301,111	8,273,709	18,127	9,275
1945	3,569,092	3,559,963	6,376	2,753	8,153,686	8,122,973	20,537	10,176
1946	2,703,814	2,694,120	6,636	3,058	6,754,625	6,717,837	23,929	12,859
1947	2,153,170	2,142,825	7,127	3,218	5,966,107	5,922,339	29,074	14,694
1948	2,066,545	2,055,790	7,273	3,482	6,223,486	6,176,414	30,891	16,181
1949	2,099,198	2,087,943	7,660	3,595	6,736,373	6,684,774	34,436	17,163
January	2,089,545	2,078,593	7,414	3,538	538,453	534,443	2,657	1,353
February	2,089,040	2,078,068	7,420	3,552	518,821	514,865	2,650	1,306
March	2,089,806	2,078,766	7,482	3,558	576,546	572,328	2,763	1,455
April	2,095,814	2,084,764	7,478	3,572	546,000	541,967	2,722	1,311
May	2,106,927	2,095,881	7,480	3,566	562,080	557,889	2,762	1,429
June	2,114,767	2,103,698	7,498	3,571	574,990	570,757	2,792	1,441
July	2,106,242	2,095,156	7,507	3,579	540,440	536,210	2,884	1,346
August	2,094,877	2,083,448	7,842	3,587	574,046	569,536	3,005	1,505
September	2,081,793	2,070,269	7,924	3,600	557,436	553,011	2,968	1,457
October	2,047,312	2,035,748	7,937	3,627	539,248	534,992	2,936	1,320
November	1,999,681	1,988,079	7,992	3,610	567,296	562,539	3,137	1,620
December	2,274,575	2,262,843	7,954	3,778	641,017	636,237	3,160	1,620

[1] Includes Government corporations. Based, for the most part, on reports of respective agencies to Civil Service Commission adjusted to improve comparability throughout period. Differs from data in tables compiled by Civil Service Commission in following respects: (1) Excludes seamen and trainees on ships contracted by U. S. Maritime Commission and substitute rural mail carriers; (2) includes temporary employees of Post Office Department hired to handle Christmas mail each year, Federal Reserve banks, and mixed-ownership banks of Farm Credit Administration.

Source: Department of Labor, Bureau of Labor Statistics. Data for executive branch based mainly on reports of Civil Service Commission. Current data published in Monthly Labor Review and in mimeographed releases.

No. 228.—Paid Civilian Employment in the Executive Branch of the Federal Government, by Area and Sex: June 1940 to 1949

[Prior to 1943, represents number on pay roll with pay on last regular pay period of month; 1943 and after, number in active-duty status as of last day of month. Data to 1943 exclude Panama Railroad Co. and Inland Waterways Corp. Prior to 1947, excludes seamen and trainees of U. S. Maritime Commission, and beginning 1948, excludes Central Intelligence Agency. See also *Historical Statistics*, series P 63 for earlier data on Washington, D. C. metropolitan area total]

AREA AND SEX	1940	1941	1944 [1]	1945	1946	1947	1948	1949
Continental U. S., total	[2] 1,014,117	[2] 1,370,110	2,941,209	2,915,476	2,299,007	1,849,781	1,859,807	1,928,524
Men	816,610	1,091,864	1,835,077	1,822,939	1,652,703	1,409,184	1,436,110	1,494,465
Women	186,210	266,283	[3] 1,106,132	1,092,537	646,304	440,597	423,697	434,059
Percent women	19	20	38	38	28	24	23	23
Washington, D. C., metropolitan area, total [4]	133,856	184,236	270,501	257,808	235,109	205,237	206,110	217,237
Men	80,607	106,133	112,791	103,964	119,199	111,847	113,640	119,530
Women	53,038	77,774	[3] 157,710	153,844	115,910	93,390	92,470	97,707
Percent women	40	42	58	60	49	46	45	45

[1] Data for July.
[2] Includes employees outside continental U. S.; also those not reported by sex, not shown separately.
[3] Represents peak of employment of women.
[4] For definition of Washington metropolitan area, see table 233, footnote 4. Figures for 1940–41 are for Washington, D. C. only.

No. 229.—Accessions to and Separations from Paid Civilian Full-Time Employment in the Executive Branch of the Federal Government: Fiscal Years 1946 to 1949

ITEM	CONTINENTAL UNITED STATES				WASHINGTON, D. C., METROPOLITAN AREA			
	1946	1947	1948	1949	1946	1947	1948	1949
Accessions:								
Total number	1,429,822	748,195	630,182	562,457	104,557	59,210	56,292	59,047
Average monthly rate [1]	5.2	3.4	3.3	2.8	3.7	2.3	2.4	2.4
Separations:								
Total number	2,096,551	1,190,316	623,970	511,244	126,406	87,542	56,329	49,044
Average monthly rate [1]	7.6	5.4	3.3	2.5	4.5	3.3	2.4	2.0
Type of separation:								
Quit [2]	1,161,121	527,026	320,236	242,138	89,484	50,544	29,501	29,400
Reduction in force	603,593	388,205	98,616	53,748	15,295	17,644	10,037	2,666
Discharge [3]	108,141	25,459	14,452	12,515	3,318	1,201	801	853
Other [4]	223,696	249,626	190,666	202,843	18,309	18,153	15,990	16,125

[1] Per 100 full-time employees.
[2] Represents resignation, transfer to other Federal agency, and abandonment of position.
[3] Represents separation required by an agency for disqualification or inefficiency, and removal for misconduct, delinquency, or other serious cause.
[4] Represents termination of appointment, and separation for extended leave without pay, military leave, retirement, death, legal incompetency, and disability not entitled to retirement. Includes a few separations in 1946 and 1947 not reported by type.

No. 230.—Paid Civilian Employment in the Executive Branch of the Federal Government, by Type of Position, and Persons Examined, Passed, and Appointed Under Civil Service Regulations: June 1938 to 1949

[Includes data for employees outside continental United States. Data not reported during war. See headnote, table 228. See also *Historical Statistics*, series P 62 and P 65–68]

TYPE OF POSITION	1938	1939	1940	1941	1947	1948	1949 [1]
Total	854,778	926,415	1,014,117	1,370,110	2,128,648	2,090,732	2,109,642
Subject to competitive requirements of Civil Service Act:							
Number	562,909	622,832	726,827	990,233	1,733,019	1,750,823	1,802,708
Percent of total reported	66	67	72	72	81	84	85
Persons examined [2]	388,404	556,571	839,112	2,447,463	1,388,345	1,434,033	1,947,147
Persons passed [2]	197,424	254,095	374,890	1,273,290	[3]	[3]	1,122,023
Persons appointed [2]	51,454	72,108	123,799	561,789	[4] 329,002	[4] 514,808	[4] 504,660
Excepted from competitive requirements of Civil Service Act	289,017	297,478	275,993	367,917	395,629	339,909	306,934
Not reported	2,852	6,105	11,297	11,960			

[1] In continental United States, 1,771,866, or 92 percent, of 1,928,524 employees were in positions subject to competitive requirements of Civil Service Act.
[2] During fiscal year ending June 30.
[3] Not available.
[4] Excludes temporary appointments pending establishment of registers.

Source of tables 228–230: Civil Service Commission, Annual Report and records.

No. 231.—Paid Civilian Employment in the Executive Branch of the Federal Government and Average Pay by Compensation Authority: 1947 to 1949

[Covers all civil employees in continental United States except relatively small number of employees on fee, piece-work, or other basis and employees of Board of Governors of Federal Reserve System. Some agencies reported as of dates other than specified]

Compensation authority	July 31, 1947		July 1, 1948		July 1, 1949	
	Number of employees	Average pay [1]	Number of employees	Average pay [1] [2]	Number of employees	Average pay [1]
Total, including postal substitutes	**1,818,865**	**$2,793**	**1,856,930**	**$3,131**	**1,917,184**	**$3,231**
Total, excluding postal substitutes	1,660,109	2,839	1,696,341	3,158	1,764,493	3,259
Classification Act of 1923, as amended	827,855	3,002	806,786	3,349	829,683	3,401
Per annum	824,019	3,006	802,922	3,352	825,608	3,405
Professional and scientific service	93,327	4,814	95,120	5,180	105,095	5,182
Sub-professional service	71,639	2,395	79,154	2,741	85,533	2,759
Clerical, administrative, and fiscal service	551,788	2,927	524,645	3,264	528,584	3,314
Crafts, protective, and custodial service	107,265	2,246	104,003	2,594	106,396	2,621
Per hour:						
Clerical-mechanical service	3,836	2,205	3,864	2,605	4,075	2,601
Postal Pay Act	469,376	2,659	500,206	3,132	514,078	3,144
Regular employees	310,620	2,835	339,617	3,271	361,387	3,241
Substitute employees	158,756	2,314	160,589	2,837	152,691	2,913
Wage boards	455,617	2,529	486,297	2,731	501,533	3,000
Other acts and administrative orders	66,017	2,952	63,641	3,402	71,890	3,513

[1] Based on annual rates and other rates converted to annual equivalent for 52 40-hour weeks.
[2] As of July 11, 1948.

Source: Civil Service Commission, records.

No. 232.—Paid Civilian Employment in the Executive Branch of the Federal Government by Annual Equivalent Pay Group and Compensation Authority: July 1949

[Covers civil employees in continental United States. 1949 survey covered 1,764,493, or 91 percent of 1,928,524 employees reported as of June 30, 1949, on Civil Service Commission's monthly employment report. Pay data were not reported for 152,691 substitute employees in Post Office Department, 10,317 employees on fee, piece-work, or other basis, and 541 employees in Board of Governors of Federal Reserve System. Some agencies reported as of dates other than specified date of July 1, 1949]

Annual equivalent pay group	Total		Compensation authority							
			Classification Act of 1923, as amended [1]		Postal Pay Act [2]		Wage boards		Other acts and administrative orders	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All groups	**1,764,493**	**100.0**	**829,683**	**100.0**	**361,387**	**100.0**	**501,533**	**100.0**	**71,890**	**100.0**
Less than $500	2,797	.2	--------	--------	1,546	.4	921	.2	330	.5
$500–$999	9,287	.5	--------	--------	6,219	1.7	483	.1	2,585	3.6
$1,000–$1,499	21,013	1.2	71	(3)	6,660	1.9	3,594	.7	10,688	14.9
$1,500–$1,999	39,777	2.3	112	(3)	6,076	1.7	30,394	6.1	3,195	4.4
$2,000–$2,499	321,985	18.2	210,696	25.4	10,261	2.8	90,397	18.0	10,631	14.8
$2,500–$2,999	491,605	27.9	256,203	30.9	87,239	24.1	137,271	27.4	10,892	15.2
$3,000–$3,499	261,782	14.8	105,744	12.7	31,373	8.7	114,099	22.8	10,566	14.7
$3,500–$3,999	349,106	19.8	67,680	8.2	186,655	51.7	89,870	17.9	4,901	6.8
$4,000–$4,499	100,240	5.7	56,182	6.8	19,902	5.5	20,257	4.0	3,899	5.4
$4,500–$4,999	56,984	3.2	42,555	5.1	2,894	.8	9,919	2.0	1,616	2.3
$5,000–$5,999	49,968	2.8	42,058	5.1	2,007	.6	3,146	.6	2,757	3.8
$6,000–$6,999	30,333	1.7	26,395	3.2	429	.1	758	.2	2,751	3.8
$7,000–$7,999	15,123	.9	12,305	1.5	73	(3)	164	(3)	2,581	3.6
$8,000–$8,999	6,994	.4	5,745	.7	28	(3)	125	(3)	1,096	1.5
$9,000–$9,999	2,636	.1	1,857	.2	9	(3)	118	(3)	652	.9
$10,000 and over	4,863	.3	2,080	.2	16	(3)	17	(3)	2,750	3.8

[1] Includes 4,075 employees in clerical-mechanical service.
[2] Excludes 152,691 substitute employees. [3] Less than 0.1 percent.

Source: Civil Service Commission, records.

No. 233.—Paid Civilian Employment in the Executive Branch of the Federal Government, 1938 to 1949, and for Selected Agencies, 1949, by State

[Partially estimated. See headnote, table 228]

State or other area	Total employment				Employment by agency, June 1949			
	December 1938 [1]	June 1945 [2]	June 1948	June 1949	National Military Establishment	Post Office Department	Veterans Administration	Other departments and agencies
Total	**865,407**	**3,769,646**	**2,090,732**	**2,109,642**	**879,875**	**517,743**	**195,488**	**516,536**
Outside cont. U. S.	33,574	854,170	230,925	181,118	123,151	1,806	1,619	54,542
Territories and possessions	28,697	[3]	98,700	89,526	52,870	1,806	1,028	33,822
Foreign countries	4,877	[3]	132,225	91,592	70,281		591	20,720
Continental U. S.	831,833	2,915,476	1,859,807	1,928,524	756,724	515,937	193,869	461,994
Wash., D. C., metro. area [4]	[5] 119,874	257,808	206,110	217,237	69,881	7,770	16,406	123,180
48 States [4]	711,959	2,657,668	1,653,697	1,711,287	686,843	508,167	177,463	338,814
Alabama	15,213	53,663	32,402	31,769	13,105	6,362	3,807	8,495
Arizona	7,477	17,900	11,916	12,883	2,656	1,945	1,510	6,772
Arkansas	9,388	25,907	13,191	14,533	3,830	5,122	2,417	3,164
California	48,334	317,236	198,959	202,588	119,945	39,546	15,512	27,585
Colorado	8,692	28,839	22,153	23,516	6,484	4,758	2,432	9,842
Connecticut	5,784	12,394	11,189	11,474	1,389	7,090	1,246	1,749
Delaware	1,240	3,335	1,775	1,784	96	977	400	311
Florida	9,426	76,747	31,783	33,900	18,804	6,903	2,770	5,423
Georgia	12,595	70,231	38,316	41,239	20,022	8,059	4,727	8,431
Idaho	3,780	9,877	6,100	6,004	760	1,766	580	2,898
Illinois	44,316	133,085	96,484	98,671	24,037	42,092	12,212	20,330
Indiana	12,330	42,903	28,035	30,462	9,977	12,365	3,384	4,736
Iowa	10,560	19,078	15,226	15,879	623	9,451	2,593	3,212
Kansas	8,964	32,455	18,749	20,026	4,156	7,549	4,079	4,242
Kentucky	10,117	27,330	23,482	24,081	8,083	7,793	3,709	4,496
Louisiana	11,002	41,858	22,616	24,303	9,106	5,581	2,463	7,153
Maine	6,997	25,707	12,405	12,312	5,844	3,681	1,104	1,683
Maryland [4]	18,326	50,651	38,879	41,102	21,693	5,965	2,599	10,845
Massachusetts	28,137	103,516	53,498	55,656	19,775	21,807	7,449	6,625
Michigan	17,722	49,828	35,423	38,190	7,321	19,454	4,571	6,844
Minnesota	13,048	21,841	20,325	19,585	1,670	8,331	4,462	5,122
Mississippi	11,661	24,529	15,996	16,585	5,629	4,421	2,732	3,803
Missouri	21,590	54,206	50,332	50,028	14,655	18,205	4,370	12,798
Montana	8,157	9,150	8,363	8,356	824	1,886	484	5,162
Nebraska	8,979	27,850	16,168	16,793	5,881	5,589	873	4,450
Nevada	1,891	6,753	3,790	4,129	1,652	418	274	1,785
New Hampshire	2,199	4,360	3,207	3,203	405	2,022	236	540
New Jersey	15,743	81,968	39,871	42,374	20,460	14,595	3,328	3,991
New Mexico	7,201	16,206	10,497	11,742	3,337	1,613	947	5,845
New York	87,483	293,021	176,817	182,294	51,176	80,833	18,011	32,274
North Carolina	10,623	40,156	23,813	24,687	8,423	7,479	3,183	5,602
North Dakota	3,820	6,047	6,158	6,447	819	2,567	684	2,377
Ohio	28,722	111,269	78,499	82,385	35,270	26,420	9,162	11,533
Oklahoma	10,631	47,878	31,528	32,925	17,952	7,017	1,849	6,107
Oregon	9,113	18,827	16,901	17,037	3,509	4,761	1,932	6,835
Pennsylvania	50,619	196,540	108,651	111,228	58,080	30,933	9,932	12,283
Rhode Island	6,702	23,191	10,727	11,104	7,189	2,567	719	629
South Carolina	8,826	47,302	18,726	18,414	10,450	3,911	1,363	2,690
South Dakota	4,691	10,438	7,734	8,039	932	2,743	1,363	3,001
Tennessee	17,149	44,382	37,442	35,643	7,900	7,699	5,812	14,232
Texas	27,777	140,899	82,137	91,360	44,186	19,596	9,150	18,428
Utah	3,886	37,665	21,029	21,135	15,291	2,055	639	3,150
Vermont	2,052	3,172	3,157	3,175	57	1,784	520	814
Virginia [4]	21,005	107,601	64,874	65,242	42,007	7,973	5,638	9,624
Washington	15,520	100,359	47,286	49,590	27,170	7,530	3,261	11,629
West Virginia	5,891	11,110	10,799	10,794	1,986	4,590	2,083	2,135
Wisconsin	13,485	22,314	20,687	20,849	1,069	11,460	4,043	4,277
Wyoming	3,095	5,067	5,347	5,365	960	903	849	2,653
Undistributed		1,027	255	407	198			209

[1] From geographic study which excluded temporary postal substitutes; distribution for June 1938 not available.
[2] Represents peak of total employment. [3] Not available.
[4] Washington, D. C., metropolitan area is composed of the District of Columbia; Alexandria City, Arlington County and part of Fairfax County, Va.; and parts of Montgomery County and Prince Georges County, Md. These areas are excluded from data for the 48 states.
[5] Relates to District of Columbia only.

Source: Civil Service Commission, Annual Report and records.

No. 234.—Paid Civilian Employment in the Executive Branch of the Federal Government by Agency and Area: June 1949

[See headnote, table 228. For definition of areas, see table 233, footnote 4. Because of security reasons, employment of Central Intelligence Agency is not reported to Civil Service Commission nor included in Federal employment totals]

Agency	Total all areas	Continental United States			Outside Continental United States		
		Total	Washington, D. C. metropolitan area	48 States	Total	Territories and possessions	Foreign countries
All agencies	2,109,642	1,928,524	217,237	1,711,287	181,118	89,526	[1] 91,592
Percent distribution	100	91	10	81	9	4	5
Executive Office of the President:							
White House Office	223	223	218	5			
Bureau of the Budget	509	509	485	24			
Council of Economic Advisers	37	37	37				
Executive Mansion and Grounds	59	59	59				
National Security Council	17	17	17				
National Security Resources Board	322	322	322				
Emergency War Agencies:							
Office for Emergency Management:							
Office of Defense Transportation	6	6	5	1			
Philippine Alien Property Adm	97	2	2		95		95
War Assets Administration	2,539	2,538	594	1,944	1		1
Executive Departments:							
State	21,203	8,176	6,366	1,810	13,027	12	13,015
Treasury	89,682	88,994	19,799	69,195	688	564	124
National Military Establishment:							
Secretary of Defense	1,530	1,530	1,505	25			
Department of Army	368,935	307,222	27,288	279,934	61,713	18,767	[1] 42,946
Department of Navy	343,356	309,336	36,161	273,175	34,020	23,478	10,542
Department of Air Force	166,054	138,636	4,927	133,709	27,418	10,625	[1] 16,793
Justice	25,925	25,448	7,825	17,623	477	336	141
Post Office	517,743	515,937	7,770	508,167	1,806	1,806	
Interior	57,801	51,302	4,361	46,941	6,499	6,330	169
Agriculture	86,247	83,752	11,241	72,511	2,495	989	1,506
Commerce	46,830	43,407	14,185	29,222	3,423	3,119	304
Labor	3,606	3,569	1,679	1,890	37	37	
Independent Agencies:							
American Battle Monuments Comm	158	14	14		144		144
Atomic Energy Commission	4,634	4,631	708	3,923	3		3
Board of Governors, Fed. Reserve Sys	541	541	528	13			
Civil Aeronautics Board	678	659	601	58	19	19	
Civil Service Commission	4,039	4,034	2,260	1,774	5	5	
Displaced Persons Commission	256	82	80	2	174		174
Economic Cooperation Administration	3,672	947	926	21	2,725		2,725
Export-Import Bank	126	124	124		2		2
Federal Communications Commission	1,340	1,308	876	432	32	31	1
Federal Deposit Insurance Corp	1,087	1,087	334	753			
Federal Mediation—Conciliation Serv	364	364	66	298			
Federal Power Commission	791	791	634	157			
Federal Security Agency	36,000	34,989	11,251	23,738	1,011	310	701
Federal Trade Commission	657	657	584	73			
Federal Works Agency	24,063	23,262	12,563	10,699	801	358	443
General Accounting Office	8,858	8,858	6,011	2,847			
Government Printing Office	7,017	7,017	6,927	90			
Housing and Home Finance Agency	11,310	11,270	3,159	8,111	40	40	
Indian Claims Commission	11	11	11				
Interstate Commerce Commission	2,184	2,184	1,516	668			
Maritime Commission	8,579	8,457	1,274	7,183	122		122
Natl. Advis. Committee for Aeronautics	6,938	6,938	133	6,805			
National Archives	362	362	345	17			
National Capital Housing Authority	310	310	310				
Natl. Capital Park and Planning Comm	6	6	6				
Natl. Capital Sesqui-Centennial Comm	2	2	2				
National Labor Relations Board	1,523	1,510	564	946	13	13	
National Mediation Board	111	111	42	69			
Office of the Housing Expediter	5,226	5,198	322	4,876	28	28	
Panama Canal	15,210	129	100	29	15,081	15,081	
Panama Railroad Company	6,903	506		506	6,397	6,397	
Philippine War Damage Commission	1,046	6	6		1,040		1,040
Railroad Retirement Board	2,386	2,386	7	2,379			
Reconstruction Finance Corp	4,601	4,590	1,501	3,089	11	6	5
Securities and Exchange Commission	1,127	1,127	804	323			
Selective Service System	4,919	4,772	187	4,585	147	147	
Smithsonian Institution	861	856	844	12	5		5
Tariff Commission	239	239	232	7			
Tax Court of the United States	124	124	124				
Tennessee Valley Authority	13,174	13,174	9	13,165			
Veterans Administration	195,488	193,869	16,406	177,463	1,619	1,028	591

[1] Department of Army excludes 12,638 displaced persons employed in Europe and 18,330 natives employed in Okinawa; Department of Air Force excludes 2,904 natives employed in Okinawa.

Source: Civil Service Commission, Annual Report and Monthly Report of Employment.

No. 235.—Paid Civilian Employment in the Executive Branch of the Federal Government, by Selected Agency: 1940 to 1949

[Includes data for employees outside continental United States. See headnote, table 228]

JUNE	ALL AGENCIES		NATIONAL MILITARY ESTABLISHMENT [1]		POST OFFICE DEPARTMENT		VETERANS ADMINISTRATION		OTHER AGENCIES	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1940	1,014,117	100	255,543	25	303,654	30	39,873	4	415,047	41
1941	1,370,110	100	543,153	40	315,181	23	42,948	3	468,828	34
1942	2,206,970	100	1,273,740	58	319,763	14	43,984	2	569,483	26
1943	3,157,113	100	2,088,892	66	316,357	10	53,349	2	698,515	22
1944	3,312,256	100	2,256,846	68	352,773	10	50,510	2	652,127	20
1945	3,769,646	100	2,634,075	70	378,849	10	65,143	2	691,579	18
1946	2,722,031	100	1,416,225	52	488,623	18	169,643	6	647,540	24
1947	2,128,648	100	859,142	41	471,787	22	216,753	10	580,966	27
1948	2,090,732	100	870,962	42	503,607	24	195,545	9	520,618	25
1949	2,109,642	100	879,875	42	517,743	25	195,488	9	516,536	24

[1] For June 1940–June 1947, represents War Department and Navy Department combined.

Source: Civil Service Commission, Annual Report and Monthly Report of Employment.

No. 236.—Federal Employees Subject to the Civil Service Retirement Act: September 30, 1947

[Includes employees outside continental United States. Covers employees in the executive, legislative, and judicial branches and in the District of Columbia government. Partly estimated]

CHARACTERISTICS	NUMBER OF EMPLOYEES				PERCENT DISTRIBUTION			AVERAGE SALARY		
	Total	Men	Women	Percent men	Total	Men	Women	Total	Men	Women
By age group: [1]										
Under 20 years	7,189	3,562	3,627	49.5	.5	.3	.9	2,065	2,024	2,106
20 to 24 years	119,239	58,931	60,308	49.4	7.9	5.2	15.8	2,272	2,271	2,272
25 to 29 years	203,771	143,087	60,684	70.2	13.5	12.7	15.9	2,587	2,655	2,427
30 to 34 years	219,068	170,485	48,583	77.8	14.5	15.1	12.7	2,916	3,026	2,526
35 to 39 years	203,156	156,596	46,560	77.1	13.4	13.9	12.2	3,064	3,223	2,528
40 to 44 years	176,841	132,640	44,201	75.0	11.7	11.8	11.6	3,121	3,319	2,528
45 to 49 years	171,073	128,118	42,955	74.9	11.3	11.4	11.2	3,119	3,308	2,552
50 to 54 years	185,753	150,599	35,154	81.1	12.3	13.3	9.2	3,100	3,227	2,556
55 to 59 years	130,010	106,399	23,611	81.8	8.6	9.4	6.2	3,133	3,264	2,539
60 to 64 years	62,797	51,974	10,823	82.8	4.2	4.6	2.8	3,168	3,312	2,475
65 to 69 years	26,202	21,717	4,485	82.9	1.7	1.9	1.2	3,126	3,266	2,445
70 to 74 years	4,618	3,842	776	83.2	.3	.3	.2	2,795	2,923	2,160
75 years and over	953	878	75	92.1	.1	.1	(2)	2,780	2,830	2,194
By salary group: [3]										
Under $1,000	11,472	5,747	5,725	50.1	.8	.5	1.5	656	645	668
$1,000 to $1,999	133,645	86,961	46,684	65.1	8.8	7.7	12.2	1,770	1,772	1,768
$2,000 to $2,999	783,657	506,768	276,889	64.7	51.9	44.9	72.5	2,462	2,494	2,404
$3,000 to $3,999	405,331	364,344	40,987	89.9	26.8	32.3	10.7	3,301	3,298	3,327
$4,000 to $4,999	103,193	94,939	8,254	92.0	6.8	8.4	2.2	4,423	4,427	4,380
$5,000 to $5,999	37,042	34,698	2,344	93.7	2.5	3.1	.6	5,530	5,561	5,072
$6,000 to $6,999	15,352	14,822	530	96.5	1.0	1.3	.1	6,393	6,394	6,388
$7,000 to $7,999	11,969	11,668	301	97.5	.8	1.0	.1	7,296	7,296	7,325
$8,000 to $8,999	5,643	5,562	81	98.6	.4	.5	(2)	8,330	8,328	8,443
$9,000 to $9,999	1,919	1,889	30	98.4	.1	.2	(2)	9,678	9,680	9,518
$10,000 and over	1,447	1,430	17	98.8	.1	.1	(2)	10,399	10,401	10,294
By length of service group: [4]										
Under 5 years	350,436	193,692	156,744	55.3	23.2	17.2	41.0	2,410	2,538	2,252
5 to 9 years	642,632	492,563	150,069	76.6	42.5	43.6	39.3	2,860	2,969	2,504
10 to 14 years	192,943	157,512	35,431	81.6	12.8	14.0	9.3	3,359	3,500	2,731
15 to 19 years	90,367	78,600	11,767	87.0	6.0	7.0	3.1	3,392	3,481	2,793
20 to 24 years	83,129	74,571	8,558	89.7	5.5	6.6	2.2	3,286	3,335	2,860
25 to 29 years	87,671	74,253	13,418	84.7	5.8	6.6	3.5	3,381	3,429	3,116
30 to 34 years	37,766	33,065	4,701	87.6	2.5	2.9	1.2	3,614	3,680	3,152
35 to 39 years	15,939	15,288	651	95.9	1.1	1.3	.2	3,646	3,667	3,151
40 to 44 years	8,256	7,862	394	95.2	.5	.7	.1	3,778	3,809	3,166
45 to 49 years	1,391	1,285	106	92.4	.1	.1	(2)	4,088	4,148	3,358
50 years and over	140	137	3	97.9	(2)	(2)	(2)	4,312	4,356	2,303

[1] Average age is 40.6 years for all employees, 41.6 years for men, and 37.7 years for women. Age is determined by subtracting birth year from year 1947.

[2] Less than 0.1 percent.

[3] Pay rates represent base pay before any deductions for retirement, taxes, or bonds, but exclude overtime, bonuses, night differentials, etc. Pay rates other than annual rates are converted to annual full-time equivalent.

[4] Average length is 10.2 years for all employees, 11.3 years for men, and 7.2 years for women. Service represents all Federal employment, whether or not retirement deductions were taken from pay, and military service.

Source: Civil Service Commission, records.

No. 237.—Accidental Injuries to Civilian Employees of the Federal Government: 1938 to 1949

[For years ending June 30. Excludes emergency relief acts except as indicated]

ITEM	1938–1940, average	1947	1948	1949
Injury cases reported, total	**41,571**	**90,031**	**80,028**	**84,012**
Index	100	217	193	202
Nonfatal	41,265	88,574	79,010	83,214
Fatal	306	1,457	1,018	798
Employment coverage	920,000	2,100,000	2,100,000	2,100,000
Casualty rates:				
Frequency per million man-hours	12.68	9.19	7.53	8.12
Severity per thousand man-hours	1.23	.76	.65	.55
Cost per $100 pay roll	$0.31	$0.18	$0.16	$0.15
Cost per employee	$5.59	$4.78	$4.30	$4.36
Final disposition of injury cases, total	**41,406**	**87,556**	**78,883**	**84,083**
Index	100	211	191	203
Minor injury cases	18,746	30,446	36,123	43,187
Disability 1–3 days	5,301	12,603	9,435	10,547
Covered by leave	8,858	22,624	17,215	16,932
Compensated, nonfatal	5,012	13,079	9,342	7,881
Compensated, fatal	98	178	758	557
Disapproved	2,974	5,468	3,298	2,520
All other	417	3,158	2,712	2,459
Average evaluation per fatal case	$9,800	$10,715	$10,640	$12,926
Average evaluation per nonfatal disabling injury	$149	$153	$161	$162
Average days lost per nonfatal disabling injury	38	27	28	25
Disbursements, total	**$11,311,156**	**$15,033,717**	**$13,672,125**	**$14,209,790**
Medical treatment and supplies	612,433	2,126,468	2,741,974	2,941,729
Disability compensation	1,905,357	4,793,142	5,381,555	5,887,400
Death compensation	1,733,374	3,540,265	3,508,937	3,892,102
Emergency Relief Acts	6,986,865	699,680	587,451	545,740
Other	73,127	3,874,162	1,452,208	942,819

Source: Federal Security Agency, Bureau of Employees' Compensation; Annual Report.

No. 238.—Estimated Average Monthly Employment of State and Local Governments: 1929 to 1949

[**In thousands.** Includes school districts and other special-purpose agencies. Excludes military and work-relief employment. Data for 1948–49 subject to revision. See also *Historical Statistics*, series P 73–80]

YEAR	Total	Education	Other	YEAR	Total	Education	Other
1929	2,532	1,121	1,411	1940	3,206	1,299	1,907
1930	2,622	1,150	1,472	1941	3,320	1,363	1,957
1931	2,704	1,160	1,544	1942	3,271	1,383	1,888
1932	2,666	1,148	1,518	1943	3,174	1,361	1,813
1933	2,601	1,122	1,479	1944	3,116	1,352	1,764
1934	2,647	1,122	1,525	1945	3,137	1,353	1,784
1935	2,728	1,152	1,576	1946	3,341	1,395	1,946
1936	2,842	1,174	1,668	1947	3,580	1,468	2,112
1937	2,923	1,206	1,717	1948	3,786	1,517	2,269
1938	3,054	1,239	1,815	1949	3,912	1,576	2,336
1939	3,090	1,267	1,823				

Source: Department of Labor, Bureau of Labor Statistics. 1929–39, records of the State, County, and Municipal Survey; 1940–49, Bureau of the Census and U. S. Office of Education data, adjusted to exclude nominal nonschool employees and to include noninstructional education staff.

No. 239.—Hours and Gross Earnings of Production Workers in Manufacturing and Selected Industries, 1947, 1948, and July 1949

[Data are based upon reports from cooperating establishments covering both full- and part-time production and related workers who worked during, or received pay for, the pay period ending nearest 15th of month. New series; based on *Standard Industrial Classification Manual*, Vol. I, Manufacturing Industries, Bureau of the Budget, November 1945. Supersedes data published in previous editions of the *Statistical Abstract*]

Industry	Average weekly earnings			Average weekly hours			Average hourly earnings		
	1947	1948	July 1949	1947	1948	July 1949	1947	1948	July 1949
Manufacturing	$49.97	$54.14	$54.63	40.4	40.1	38.8	$1.237	$1.350	$1.408
Durable	52.46	57.11	57.31	40.6	40.5	38.8	1.292	1.410	1.477
Nondurable	46.96	50.61	51.55	40.1	39.6	38.7	1.171	1.278	1.332
Meat packing	55.57	59.15	58 55	44.6	43.4	41.7	1.246	1.363	1.404
Canning and preserving	41.33	42.63	43.59	39.7	38.2	39 7	1.041	1.116	1.098
Flour and other grain-mill products	56.11	57.23	61.13	49.0	46.3	46.1	1.145	1.236	1.326
Bakery products	45.41	49.35	52.62	42.4	42.4	42.2	1.071	1.164	1.247
Confectionery	39.18	41.46	41.39	39.7	39.6	38.9	.987	1.047	1.064
Bottled soft drinks	44.82	46.26	50.69	43.9	44.1	44.9	1.021	1.049	1.129
Malt liquors	63.03	66.40	75.60	43.2	42.0	43.3	1.459	1.581	1.746
Cigarettes	42.40	44.51	48.13	40.0	38.6	39.1	1.060	1.153	1.231
Cigars	32.42	32.71	32.13	37.7	37.6	36.6	.860	.870	878
Tobacco and snuff	35.29	37.21	40.02	38.4	37.7	37.4	.919	.987	1.070
Knit underwear	35.36	37.40	36.00	38.9	37.7	36.0	.909	.992	1.000
Dyeing and finishing textiles	47.03	51.00	48.76	41.8	41.0	38.7	1.125	1.244	1.260
Wool carpets, rugs, and carpet yarn	50.35	58.09	51.98	41.2	41.7	36.4	1.222	1.393	1.428
Fur-felt hats and hat bodies	47.01	49.17	52.58	36.9	36.5	37.4	1.274	1.347	1.412
Shirts, collars, and nightwear	32.50	33.50	32.68	37.1	36.1	34.8	.876	.928	.939
Work shirts	25.64	26.49	27.60	34.6	35.7	35.7	.741	.742	.773
Millinery	47.03	50.22	51.35	35.2	34.8	34.6	1.336	1.443	1.484
Pulp, paper, and paperboard mills	54 10	59.88	59.65	44.2	44.0	41.8	1.224	1.361	1.427
Paperboard containers and boxes	46.24	50.96	51.63	42.0	41.7	40.4	1.101	1.222	1.278
Lithographing	59 08	64.15	67.75	41.4	39.5	38.3	1.427	1.624	1.769
Synthetic fibers	49.02	53.05	55.13	39.5	39.5	38.1	1.241	1.343	1.447
Paints, pigments, and fillers	53.34	58.40	59.31	42.3	42.2	40.9	1.261	1.384	1.450
Fertilizers	40.07	42.33	46.87	42.4	41.5	42.3	.945	1.020	1.108
Soap and glycerin	59.32	65.90	67.56	42.8	42.0	40.8	1.386	1.569	1.656
Petroleum refining	62.95	72.06	76.60	40.2	40.3	40.4	1.566	1.788	1.896
Coke and hyproducts	52.17	58.56	61.47	39.4	39.7	39.2	1.324	1.475	1.568
Tires and inner tubes	61.75	62.16	64.45	38.5	37.2	36.6	1.604	1.671	1.761
Rubber footwear	48.31	51.75	48.84	41.5	41.8	38.7	1.164	1.238	1.262
Leather	50.76	53.26	53.19	40.8	39.6	38.1	1.244	1.345	1.396
Footwear (except rubber)	39.14	39.71	39.93	38.3	36.6	36.8	1.022	1.085	1.085
Cement, hydraulic	49.56	54.76	58.07	42.0	41.9	41.1	1.180	1.307	1.413
Structural clay products	45.07	49.57	48.86	40.6	40.4	38.5	1.110	1.227	1.269
Pottery and related products	45.74	49.46	42.55	38.7	38.7	31.9	1.182	1.278	1.334
Blast furnaces, steel works, and rolling mills	56.12	62.41	59.88	39.0	39.5	36.4	1.439	1.580	1.645
Malleable-iron foundries	54.39	59.19	53.49	40.2	40.4	35.1	1.353	1.465	1.524
Steel foundries	53.94	59.93	55.57	39.6	40.6	36.8	1.362	1.476	1.510
Primary smelting and refining of nonferrons metals	52.73	58.22	59.00	41.0	41.0	39.1	1.286	1.420	1.509
Iron and steel forgings	59.79	65.16	61.28	40.7	40.8	37.5	1.469	1.597	1.634
Tin cans and other tinware	48.95	54.07	59.34	41.0	40.9	42.6	1.194	1.322	1.393
Cutlery and edge tools	48.14	51.13	49.68	41.9	41.3	39.3	1.149	1.238	1.264
Sanitary ware and plumbers' supplies	55.38	60.40	58.64	40.6	40.4	38.3	1.364	1.495	1.531
Structural steel and ornamental metal work	53.28	57.68	60.13	41.4	41.2	40.3	1.287	1.400	1.492
Engines and turbines	58.40	63.50	61.72	40.7	40.5	38.1	1.435	1.568	1.620
Tractors	57.69	62.05	63.68	40.8	40.5	40.1	1.414	1.532	1.588
Agricultural machinery (except tractors)	53.43	58.62	60.13	40.6	40.4	39.2	1.316	1.451	1.534
Machine tools	57.75	61.57	57.00	42.4	42.2	37.9	1.362	1.459	1.504
Machine-tool accessories	60.52	65.21	62.38	42.0	41.8	38.7	1.441	1.560	1.612
Typewriters	52.50	55.65	56.23	41.5	41.1	39.1	1.265	1.354	1.438
Refrigerators and air-conditioning units	53.77	58.29	62.78	40.1	39.9	40.4	1.341	1.461	1.554
Telephone and telegraph equipment	56.44	59.54	60.68	41.5	40.7	38.8	1.360	1.463	1.564
Automobiles	57.45	61.86	68.67	39.0	38.4	40.3	1.473	1.611	1.704
Aircraft engines and parts	56.30	63.40	63.80	39.9	40.9	39.7	1.411	1.550	1.607
Ship and boatbuilding and repairing	57.34	60.68	61.94	39.6	38.7	38.4	1.448	1.568	1.613
Locomotives and parts	58.93	63.80	63.65	39.8	39.6	39.0	1.480	1.611	1.632
Railroad and street cars	55.86	60.82	58.23	40.8	40.2	36.9	1.369	1.513	1.578
Photographic apparatus	54.35	58.64	58.84	40.5	40.5	39.2	1.342	1.448	1.501
Watches and clocks	44.53	48.84	48.15	39.9	40.1	38.0	1.116	1.218	1.267
Jewelry and findings	48.40	50.47	48.56	41.3	41.2	37.8	1.172	1.225	1.289
Silverware and plated ware	59.23	62.38	50.94	45.6	45.4	38.5	1.299	1.374	1.323

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published in Monthly Labor Review and mimeographed releases.

No. 240.—Hours and Earnings, Gross and Exclusive of Overtime, of Production Workers in Manufacturing Industries: 1939 to 1949

[Overtime is defined as work in excess of 40 hours per week and paid for at time and one-half. Computation of average hourly earnings exclusive of overtime makes no allowance for special rates of pay for work done on holidays. New series; supersedes data shown in previous editions of the *Statistical Abstract*. See also *Historical Statistics*, series D 117-120]

PERIOD	Average weekly earnings	Average weekly hours	AVERAGE HOURLY EARNINGS		
			Gross amount	Excluding overtime	
				Amount	Index 1939=100
1939	$23.86	37.7	$0.633		
1940	25.20	38.1	.661		
1941	29.58	40.6	.729	$0.702	110.9
1942	36.65	42.9	.853	.805	127.2
1943	43.14	44.9	.961	.894	141.2
1944	46.08	45.2	1.019	.947	149.6
1945	44.39	43.4	1.023	[1].963	[1]152.1
1946	43.82	40.4	1.086	1.051	166.0
1947	49.97	40.4	1.237	1.198	189.3
1948	54.14	40.1	1.350	1.310	207.0
1949					
January	55.50	39.5	1.405	1.367	216.0
February	55.20	39.4	1.401	1.366	215.8
March	54.74	39.1	1.400	1.368	216.1
April	53.80	38.4	1.401	1.373	216.9
May	54.80	38.6	1.401	1.371	216.6
June	54.51	38.8	1.405	1.373	216.9
July	54.63	38.8	1.408	1.376	217.4
August	54.70	39.1	1.399	1.366	215.8
September	55.72	39.6	1.407	1.369	216.3
October [2]	55.26	39.7	1.392	1.353	213.7
November [2]	54.53	39.2	1.391	1.358	214.5
December [2]	56.20	39.8	1.412	1.373	216.9

[1] Eleven-month average; August 1945 excluded because of VJ-day holiday period.
[2] Preliminary.

Source: Depart ent of Labor, Bureau of Labor Statistics; published in Monthly Labor Review and in mimeographed releases.

No. 241.—Hours and Gross Earnings in Selected Nonmanufacturing Industries: 1947, 1948, and July 1949

Based upon reports from cooperating establishments covering both full- and part-time nonsupervisory employees, including working supervisors, who worked during, or received pay for pay period ending nearest 15th of month. New series; supersedes data shown in previous editions of the *Statistical Abstract*. See also *Historical Statistics*, series D 145-147]

INDUSTRY	1947			1948			July 1949		
	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
Mining:									
Metal mining	$54.63	41.8	$1.307	$60.80	42.4	$1.434	$58.75	39.4	$1.491
Anthracite	62.77	37.7	1.665	66.57	36.8	1.809	66.08	35.0	1.888
Bituminous coal	66.59	40.7	1.636	72.12	38.0	1.898	47.94	25.1	1.910
Petroleum and natural gas production	59.36	40.3	1.473	66.68	40.0	1.667	72.54	40.3	1.800
Nonmetallic mining and quarrying	50.54	45.0	1.123	55.31	44.5	1.243	56.77	43.4	1.308
Local railways and bus lines	57.14	46.8	1.221	61.73	46.1	1.339	65.21	45.1	1.446
Telephone	44.77	37.4	1.197	48.92	39.2	1.248	51.90	38.5	1.348
Telegraph	53.56	44.6	1.201	60.26	44.7	1.348	63.97	45.4	1.409
Gas and electric utilities	56.69	41.9	1.353	60.74	41.8	1.453	64.02	41.3	1.550
Wholesale trade	51.99	41.0	1.268	55.58	40.9	1.359	58.18	40.8	1.426
Retail trade (except eating and drinking places)	40.66	40.3	1.009	43.85	40.3	1.088	46.95	40.9	1.148
General merchandise stores	30.96	36.3	.853	33.31	36.6	.910	35.86	37.2	.964
Food and liquor stores	43.51	40.7	1.069	47.15	40.3	1.170	51.13	41.1	1.244
Automotive and accessories dealers	51.80	45.4	1.141	56.07	45.4	1.235	59.83	45.6	1.312
Apparel and accessories stores	38.08	36.9	1.032	39.60	36.5	1.085	40.37	36.5	1.106
Banks and trust companies	39.46			41.51			43.80		
Security dealers and exchanges	63.08			66.83			65.70		
Insurance carriers	52.58			54.93			56.70		
Hotels, year-round	29.36	45.2	.650	31.41	44.3	.709	32.90	44.1	.746
Laundries	32.71	42.6	.767	34.23	41.9	.817	35.03	41.5	.844
Cleaning and dyeing plants	38.30	41.9	.914	39.50	41.1	.961	40.43	41.0	.986
Motion picture production and distribution	99.13			92.27			95.52		

Source: Department of Labor, Bureau of Labor Statistics. Monthly figures published currently in Monthly Labor Review and in mimeographed releases.

No. 242.—Average Rates Per Hour for Unskilled Labor Employed in Road Building on Federal-Aid Projects, by Geographic Divisions: 1928 to 1949

YEAR	United States [1]	New England	Middle Atlantic	South Atlantic	East South Central	West South Central	East North Central	West North Central	Mountain	Pacific
1928	$0.40	$0.50	$0.44	$0.26	$0.26	$0.28	$0.39	$0.38	$0.46	0.53
1929	.39	.51	.43	.27	.26	.31	.40	.38	.46	.53
1930	.39	.50	.42	.25	.25	.28	.38	.37	.47	.53
1931	.36	.45	.38	.21	.20	.23	.37	.36	.45	.51
1932	.32	.35	.36	.19	.19	.26	.36	.32	.44	.48
1933	.38	.37	.37	.26	.24	.31	.42	.37	.51	.52
1934	.42	.43	.41	.31	.30	.35	.50	.44	.55	.58
1935	.41	.45	.43	.31	.30	.36	.53	.47	.56	.57
1936	.40	.45	.47	.28	.29	.32	.52	.43	.53	.57
1937	.40	.47	.48	.26	.28	.30	.58	.46	.53	.62
1938	.40	.45	.50	.27	.28	.37	.60	.46	.55	.66
1939	.42	.48	.52	.29	.29	.37	.60	.45	.56	.65
1940	.46	.51	.54	.30	.34	.38	.62	.47	.55	.69
1941	.48	.55	.57	.36	.36	.40	.65	.50	.59	.75
1942	.58	.66	.67	.47	.42	.44	.76	.61	.72	.96
1943	.71	.89	.93	.58	.56	.54	.93	.78	.86	1.06
1944	.74	.91	.93	.66	.62	.61	.97	.81	.92	1.11
1945	.78	.95	.98	.69	.70	.68	.99	.84	.84	1.19
1946	.83	1.04	1.00	.71	.67	.70	1.00	.84	1.00	1.21
1947	.91	1.11	1.13	.74	.69	.76	1.13	.93	1.11	1.32
1948	1.02	1.24	1.26	.83	.73	.81	1.25	1.07	1.23	1.51
1949	1.13	1.18	1.48	.95	.78	.84	1.39	1.12	1.37	1.13

[1] Changes in United States wage rates are affected by relative number of men employed in areas with higher or lower wage rates.

Source: Department of Commerce, Bureau of Public Roads; records.

No. 243.—Indexes of Union Wage Rates and Weekly Hours in Selected Trades: 1940 to 1949

[Data for recent years cover 77 cities. From 1940 to 1942 study made as of June 1, except for building trades in 1942, made as of July 1. Since 1943 data collected as of July 1 for all trades except streetcar and bus operators for whom data are shown since 1947 as of Oct. 1, and printing data for 1948 as of Jan. 2. Relative rates are percentages which indicate changes in minimum hourly wage scales. Relative hours are percentages showing changes in straight-time weekly hours, account not being taken of loss of time from slack work or other causes, nor of overtime work. Year to year changes in union scales are based on comparable quotations for each trade weighted by membership for current year. See also *Historical Statistics*, series D 152–163]

[Rates and hours for 1939=100]

YEAR	BUILDING TRADES						PRINTING TRADES					
	All building trades		Journeymen		Helpers and laborers		All printing trades		Book and job		Newspaper	
	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours	Rate	Hours
1940	101.6	99.9	101.4	100.0	102.0	99.4	101.4	99.8	100.9	99.8	102.2	99.7
1941	105.3	100.3	105.0	100.5	106.8	99.7	102.6	99.8	102.0	99.8	103.6	99.3
1942	111.9	101.1	110.9	101.8	117.5	98.8	107.0	99.5	106.4	99.8	108.1	99.2
1943	112.7	101.0	111.5	102.0	118.9	98.1	110.4	99.8	109.3	100.1	112.6	99.2
1944	113.6	101.2	112.4	102.2	120.3	98.1	113.1	99.8	112.2	100.1	115.1	99.2
1945	116.0	101.2	114.4	102.2	125.9	98.1	114.6	99.8	113.7	100.1	116.7	99.2
1946	129.3	100.2	126.8	101.1	146.3	97.4	134.2	97.3	133.7	96.6	135.5	98.8
1947	147.9	100.1	144.6	100.9	171.1	97.4	(1)	(1)	(1)	(1)	(1)	(1)
1948	163.5	100.1	159.4	101.0	192.7	97.3	170.2	95.5	169.8	94.4	171.5	97.8
1949	170.3	100.2	166.1	101.1	199.8	97.3	190.9	95.3	190.5	94.3	192.4	97.3

TRADES	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
Motortruck drivers and helpers:										
Rate	102.0	106.1	113.6	119.8	122.6	125.2	139.3	160.8	175.1	189.3
Hours	99.1	98.5	98.8	98.6	98.5	98.3	96.3	94.0	93.2	92.9
Streetcar and bus operators: Rate	101.1	104.8	112.5	119.8	120.8	122.1	143.1	161.5	177.7	185.0
Bakery workers:										
Rate	102.7	106.1	116.3	121.2	122.0	123.6	141.6	160.6	173.4	184.5
Hours	99.5	99.2	99.1	98.6	98.6	98.6	98.3	98.2	98.2	97.8

[1] No study made in 1947.

Source: Department of Labor, Bureau of Labor Statistics; published annually in Monthly Labor Review and special pamphlets.

No. 244.—Average Hours and Earnings on Construction Projects: 1935 to 1949

ITEM	1935	1937	1939	1941	1943	1945	1946	1947	1948	July 1949
FEDERALLY FINANCED PROJECTS [1]										
Average hours worked per month	96.7	126.1	124.7	160.3	168.1	168.8	160.0	158.2	165.8	159.7
Average monthly earnings	$63.96	$91.87	$99.39	$151.23	$193.96	$219.58	$204.73	$213.65	$245.33	$257.57
Average hourly earnings	$0.661	$0.729	$0.797	$0.943	$1.154	$1.301	$1.280	$1.351	$1.480	$1.613
PRIVATE BUILDING PROJECTS [2]										
Average hours worked per week	30.1	33.4	32.6	34.8	38.4	39.0	38.1	37.6	37.3	37.1
Average weekly earnings	$24.51	$30.14	$30.39	$35.14	$48.13	$53.73	$56.24	$63.30	$68.85	$71.28
Average hourly earnings	$0.815	$0.903	$0.932	$1.010	$1.252	$1.379	$1.478	$1.681	$1.848	$1.922

[1] Data on hours and earnings on Federal projects reported by accounting months rather than calendar months, and since pay periods are not uniform in any given month, some contractors report data for 4 weeks and others for 5. Consequently, average hours and earnings cannot be accurately computed by weeks and figures for average monthly hours and earnings tend to show certain irregularities reflecting this method of reporting.
[2] Data shown after 1947 includes publicly financed projects and off-site construction workers.

Source: Department of Labor, Bureau of Labor Statistics; data on Federal projects published currently in monthly bulletin, Construction; private projects in Monthly Labor Review and in mimeographed releases.

No. 245.—Indexes of Output Per Man-Hour (Output Per Worker in Agriculture and Telegraph) for Selected Industries: 1929 to 1948

[1939=100. Productivity refers to output in physical units per man-hour of work (or per worker in agriculture and telegraph). Indexes of output per man-hour obtained by dividing indexes of production by indexes of man-hours. For explanation of various indexes used, see *Handbook of Labor Statistics*, 1947, p. 154. See also *Historical Statistics*, series D 213-217]

INDUSTRY	1929	1933	1937	1939	1941	1943	1945	1946	1947	1948
All manufacturing:										
Output per man-hour	78.1	81.9	90.0	100.0	------	------	------	------	------	------
Mining: [1]										
Output per man-hour	69.9	78.8	88.0	100.0	103.9	101.5	106.1	107.0	111.1	111.0
Agriculture:										
Output per worker	91.6	89.2	105.3	100.0	107.5	116.7	120.7	122.0	116.6	130.1
Steam railroad transportation: [2]										
Revenue traffic per man-hour	75.1	83.0	95.2	100.0	115.5	150.9	139.5	129.1	135.0	133.3
Electric light and power: [3]										
Output per man-hour	54.1	68.1	89.6	100.0	123.2	182.7	182.5	160.7	167.0	171.0
Telephone: [4]										
Output per man-hour	------	------	88.8	100.0	99.5	97.9	98.8	94.8	100.3	93.3
Telegraph: [5]										
Output per employee	------	------	93.0	100.0	92.9	107.9	116.4	109.6	121.0	117.0

[1] For 1929 and 1933, covers almost all industries; for 1937 to 1948, represents 6 principal industries (bituminous coal; anthracite; crude petroleum, natural gas and natural gasoline; iron; copper; and lead and zinc).
[2] Refers to Class I steam line-haul railroads.
[3] Refers to privately owned utilities.
[4] Refers to Class A telephone carriers.
[5] For principal wire-telegraph and ocean-cable carriers. As satisfactory data on average weekly hours are not available before 1943, index of output per man-hour is not presented.

Source: Department of Labor, Bureau of Labor Statistics.

No. 246.—Estimated Number of Disabling Work Injuries, by Major Industry Group: 1945 to 1949

[**In thousands.** Includes employees and self-employed. For additional data on accidents, consult index]

INDUSTRY GROUP	1945	1946	1947	1948	1949 [1]	1945	1946	1947	1948	1949 [1]
	Total					Deaths and permanent total disabilities				
All industries [2]	2,019.8	2,056.0	2,059.0	[3]2,019.9	[3]1,870.0	17.8	18.3	18.8	[3] 17.8	[3] 16.6
Agriculture [4]	305.6	323.6	298.0	[3] 340.0	340.0	4.9	4.9	4.7	4.8	4.7
Mining and quarrying [5]	82.1	83.8	92.9	87.2	70.0	1.7	1.5	1.7	1.6	1.1
Construction [6]	112.2	131.8	151.7	[3] 193.0	[3] 183.0	1.8	2.5	2.7	[3] 2.4	[3] 2.4
Manufacturing [7]	591.6	541.5	539.0	469.2	381.0	3.0	2.7	2.9	2.8	2.5
Public utilities	20.3	25.5	27.7	27.4	27.0	.4	.4	.4	.4	.4
Trade, wholesale and retail [6]	296.0	333.1	360.6	347.3	329.0	.9	1.5	1.6	1.6	1.6
Railroads [8]	94.1	76.0	71.9	62.9	46.0	1.5	1.1	1.1	1.0	.7
Miscellaneous transportation [6]	139.9	132.8	135.2	132.6	126.0	1.1	1.0	1.0	.9	.9
Service, government and misc. industry [2 6]	378.0	407.9	382.0	360.3	368.0	2.5	2.7	2.7	2.3	2.3
	Permanent partial disabilities					Temporary total disabilities				
All industries [2]	88.1	92.4	90.0	[3] 86.7	[3] 79.4	1,913.9	1,945.3	1,950.2	[3]1,915.4	[3]1,774.0
Agriculture [4]	15.3	16.2	14.9	15.2	15.2	285.4	302.5	278.4	[3] 320.0	320.1
Mining and quarrying [5]	3.6	3.7	4.1	3.7	3.0	76.8	78.6	87.1	81.9	65.9
Construction [6]	3.4	3.4	4.3	[3] 7.8	[3] 7.3	107.0	125.9	144.7	[3] 182.8	[3] 173.3
Manufacturing [7]	30.7	28.2	27.2	23.7	19.2	557.9	510.6	508.9	442.7	359.3
Public utilities	.6	.6	.6	.6	.6	19.3	24.5	26.7	26.4	26.0
Trade, wholesale and retail [6]	7.1	8.0	8.6	8.4	7.9	288.0	323.6	350.4	337.3	319.5
Railroads [8]	6.5	5.3	5.0	4.4	3.2	86.1	69.6	65.8	57.5	42.1
Miscellaneous transportation [6]	4.2	7.6	7.4	6.3	6.0	134.6	124.2	126.8	125.4	119.1
Service, government and misc. industry [2 6]	16.7	19.4	17.9	16.6	17.0	358.8	385.8	361.4	341.4	348.7

[1] Preliminary. [2] Does not include domestic service.
[3] Not strictly comparable with earlier years. [4] Based on fragmentary data.
[5] Based largely on Bureau of Mines data. [6] Based on small sample studies.
[7] Based on comprehensive survey. [8] Based on Interstate Commerce Commission data.

Source: Department of Labor, Bureau of Labor Statistics; Monthly Labor Review.

No. 247.—Selected Injury-Frequency and Severity Rates: 1944 to 1948

[Frequency rate is average number of disabling injuries for each million employee-hours worked. Severity rate is average number of days lost for each thousand employee-hours worked. Standard time-loss ratings for fatalities and permanent disabilities are given in *Method of Compiling Industrial Injury Rates*, approved by American Standards Association, 1945]

INDUSTRY	INJURY-FREQUENCY RATES					SEVERITY RATES				
	1944	1945	1946	1947	1948	1944	1945	1946	1947	1948
Manufacturing	18.4	18.6	19.9	18.8	17.2	1.4	1.6	1.6	1.4	1.5
Construction	27.7	30.8	40.2	40.9	36.7	4.2	4.9	3.8	3.6	5.0
Heat, light and power	12.9	14.0	17.3	18.1	17.1	2.3	2.1	1.9	2.3	2.1
Waterworks	21.3	22.2	18.0	21.0	25.1	.7	1.0	2.6	.9	1.5
Personal services	9.4	8.3	9.7	10.0	10.2	.7	.6	.6	.7	.5
Business services	8.9	5.1	5.6	4.5	4.4	.5	.3	.3	.3	.3
Educational services	10.4	8.0	7.8	8.0	8.3	.8	.5	.4	.5	.4
Fire departments	23.0	26.5	23.5	24.8	30.9	2.1	2.2	1.9	2.4	1.6
Police departments	21.0	25.5	29.3	29.1	28.2	1.6	2.0	3.1	3.1	2.2
Trade	13.7	13.9	14.2	16.4	15.1	.8	1.0	.8	.8	.9

Source: Department of Labor, Bureau of Labor Statistics.

No. 248.—Monthly Labor Turn-Over Rates (Per 100 Employees) in Manufacturing Industries: 1939 to 1949

[Month-to-month employment changes as indicated by labor turn-over rates are not precisely comparable to those in table 215, as the former are based on data for entire month while the latter refer to a one-week period ending nearest middle of month. Labor turn-over data, beginning in Jan. 1943, refer to wage and salary workers. The turn-over sample is not so extensive as that of the employment survey—proportionately fewer small plants are included; printing and publishing, and certain seasonal industries, such as canning and preserving, are not covered]

CLASS OF TURN-OVER AND YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Accession:												
1939	4.1	3.1	3.3	2.9	3.3	3.9	4.2	5.1	6.2	5.9	4.1	2.8
1943	8.3	7.9	8.3	7.4	7.2	8.4	7.8	7.6	7.7	7.2	6.6	5.2
1948	4.6	3.9	4.0	4.0	4.1	5.7	4.7	5.0	5.1	4.5	3.9	2.7
1949	3.2	2.9	3.0	2.9	3.5	4.4	3.5	4.4	4.1	3.7	3.3	[1] 3.2
Total separation:												
1939	3.2	2.6	3.1	3.5	3.5	3.3	3.3	3.0	2.8	2.9	3.0	3.5
1943	7.1	7.1	7.7	7.5	6.7	7.1	7.6	8.3	8.1	7.0	6.4	6.6
1948	4.3	4.2	4.5	4.7	4.3	4.5	4.4	5.1	5.4	4.5	4.1	4.3
1949	4.6	4.1	4.8	4.8	5.2	4.3	3.8	4.0	4.2	4.1	4.0	[1] 3.0
Quit:												
1939	.9	.6	.8	.8	.7	.7	.7	.8	1.1	.9	.8	.7
1943	4.5	4.7	5.4	5.4	4.8	5.2	5.6	6.3	6.3	5.2	4.5	4.4
1948	2.6	2.5	2.8	3.0	2.8	2.9	2.9	3.4	3.9	2.8	2.2	1.7
1949	1.7	1.4	1.6	1.7	1.6	1.5	1.4	1.8	2.1	1.5	1.2	[1] 1.0
Discharge:												
1939	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1
1943	.5	.5	.6	.5	.6	.6	.7	.7	.6	.6	.6	.6
1948	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.3
1949	.3	.3	.3	.2	.2	.2	.2	.3	.2	.2	.2	[1] .2
Lay-off: [2]												
1939	2.2	1.9	2.2	2.6	2.7	2.5	2.5	2.1	1.6	1.8	2.0	2.7
1943	.7	.5	.5	.6	.5	.5	.5	.5	.5	.5	.7	1.0
1948	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.2	1.0	1.2	1.4	2.2
1949	2.5	2.3	2.8	2.8	3.3	2.5	2.1	1.8	1.8	2.3	2.5	[1] 1.7
Military and misc.: [3]												
1943	1.4	1.4	1.2	1.0	.8	.8	.8	.8	.7	.7	.6	.6
1948	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
1949	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	[1] .1

[1] Preliminary. [2] Includes temporary, indeterminate, and permanent lay-offs.
[3] Miscellaneous separations rates amount to not more than 0.1 per 100 employees. In 1939, included with "quit."

Source: Department of Labor, Bureau of Labor Statistics; Monthly Labor Review, and mimeographed release.

No. 249.—Labor Union Membership: 1931 to 1949

[Membership data are estimates, not to be construed as data verified by Government See also *Historical Statistics*, series D 218-223]

YEAR	All unions, total membership (1,000)	AMERICAN FEDERATION OF LABOR		CONGRESS OF INDUSTRIAL ORGANIZATIONS		Independent or unaffiliated unions, total membership (1,000)
		Number of affiliated unions	Total membership (1,000) [1]	Number of affiliated unions	Total membership (1,000)	
1931	3,526	105	2,890	----------	----------	636
1932	3,226	106	2,532	----------	----------	694
1933	2,857	108	2,127	----------	----------	730
1934	3,249	109	2,608	----------	----------	641
1935	3,728	109	3,045	----------	----------	683
1936	4,164	111	3,422	----------	----------	742
1937	7,218	100	2,861	32	3,718	639
1938	8,265	102	3,623	42	4,038	604
1939	8,980	104	4,006	45	4,000	974
1940	8,944	105	4,247	42	3,625	1,072
1941	10,489	106	4,569	41	5,000	920
1942	10,762	102	5,483	39	4,195	1,084
1943	13,042	99	6,564	40	5,285	1,793
1944	14,621	100	6,807	41	5,935	1,879
1945	14,796	102	6,931	40	6,000	1,865
1946	14,974	102	7,152	40	6,000	1,822
1947	15,414	105	7,578	41	6,000	1,836
1948	14,000–16,000	105	7,221	40	[2]	1,800–2,500
1949	14,000–16,000	107	7,241	39	[2]	1,800–2,500

[1] Based upon per capita tax paid to AFL by affiliated unions. [2] Not available.

Source: Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics, 1947; for subsequent years, published union reports and other data available to compiling source.

No. 250.—Work Stoppages: 1929 to 1948

[Excludes work stoppages involving fewer than 6 workers or lasting less than 1 day. Information obtained directly from companies and unions involved as well as from various Government labor boards, conciliation services, and other neutral parties. See also *Historical Statistics*, series D 224–229, 234]

Year	Work stoppages beginning in year		Workers involved		Man-days idle			Indexes (1935–39=100)		
	Number	Average duration (calendar days)	Number (thousands)	Percent of total employed[1]	Number (thousands)	Percent of estimated working time[2]	Per worker involved	Work stoppages	Workers involved	Man-days idle
1929	921	22.6	289	1.2	5,350	.07	18.5	32	26	32
1930	637	22.3	183	.8	3,320	.05	18.1	22	16	20
1931	810	18.8	342	1.6	6,890	.11	20.2	28	30	41
1932	841	19.6	324	1.8	10,500	.23	32.4	29	29	62
1933	1,695	16.9	1,170	6.3	16,900	.36	14.4	59	104	100
1934	1,856	19.5	1,470	7.2	19,600	.38	13.4	65	130	116
1935	2,014	23.8	1,120	5.2	15,500	.29	13.8	70	99	91
1936	2,172	23.3	789	3.1	13,900	.21	17.6	76	70	82
1937	4,740	20.3	1,860	7.2	28,400	.43	15.3	166	165	168
1938	2,772	23.6	688	2.8	9,150	.15	13.3	97	61	54
1939	2,613	23.4	1,170	4.7	17,800	.28	15.2	91	104	105
1940	2,508	20.9	577	2.3	6,700	.10	11.6	88	51	40
1941	4,288	18.3	2,360	8.4	23,000	.32	9.8	150	210	136
1942	2,968	11.7	840	2.8	4,180	.05	5.0	104	75	25
1943	3,752	5.0	1,980	6.9	13,500	.15	6.8	131	176	80
1944	4,956	5.6	2,120	7.0	8,720	.09	4.1	173	188	51
1945	4,750	9.9	3,470	12.2	38,000	.47	11.0	166	308	224
1946	4,985	24.2	4,600	14.5	116,000	1.43	25.2	174	408	684
1947	3,693	25.6	2,170	6.5	34,600	.41	15.9	129	193	204
1948	3,419	21.8	1,960	5.5	34,100	.37	17.4	119	174	201

[1] "Total employed workers" includes all workers except those in occupations and professions where strikes rarely if ever occur. In general, "total employed workers" includes all employees except following groups: Government workers, agricultural wage earners on farms employing less than 6 workers, managerial and supervisory employees, and certain groups which because of nature of work cannot or do not strike (such as college professors, clergymen, and domestic servants). Self-employed and unemployed persons are excluded.

[2] Obtained by multiplying average number of employed workers each year by number of days worked by most employees during year.

Source: Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics and other records. Basic data are currently published in May issues of Monthly Labor Review.

No. 251.—Work Stoppages—Major Issues Involved and Duration: 1946, 1947, and 1948

[See headnote, table 250. 1946 data by issues based on stoppages ending in year; 1947–48, on stoppages beginning in year. Duration data based on stoppages ending in year. See also *Historical Statistics*, series D 230–238]

Major issues and duration	Number of work stoppages			Number of workers involved (thousands)			Number of man-days idle (thousands)		
	1946	1947	1948	1946	1947	1948	1946	1947	1948
Major issues									
All issues	4,990	3,693	3,419	4,940	2,170	1,960	124,000	34,600	34,100
Wages and hours	2,238	1,707	1,737	3,710	805	1,210	101,000	15,200	25,200
Union organization, wages and hours	914	559	322	439	840	128	16,600	15,200	4,390
Union organization	703	543	458	129	91	100	2,190	1,790	1,590
Other working conditions	879	695	736	425	387	383	2,500	1,580	1,740
Interunion or intraunion matters	246	159	130	236	32	128	1,140	845	1,080
Not reported	10	30	36	2	12	6	6	34	70
Duration									
All stoppages	4,990	3,769	3,396	4,940	2,200	1,940	124,000	39,900	33,200
1 day	394	354	335	241	228	127	241	228	127
2–3 days	775	484	531	692	178	196	1,390	354	368
4 days and less than one week	749	493	455	321	165	183	1,160	525	602
1 week and less than ½ month	1,045	802	708	672	656	338	4,350	3,620	2,200
½ and less than 1 month	818	672	590	730	191	379	9,560	2,820	4,570
1 and less than 2 months	642	542	468	1,450	567	505	46,600	15,200	12,800
2 and less than 3 months	264	210	165	168	92	127	8,740	3,790	5,930
3 months or more	303	212	144	671	126	88	51,800	13,400	6,650

Source: Department of Labor, Bureau of Labor Statistics; May issues of Monthly Labor Review, Handbook of Labor Statistics 1947, and BLS Bulletin No. 963.

No. 252.—Work Stoppages, by Industry Groups: 1944 to 1948

[See headnote, table 250]

Industry group	Number of work stoppages beginning [1]					Number of workers involved					Number of man-days idle during year				
	1944	1945	1946	1947	1948	1944	1945	1946	1947	1948	1944	1945	1946	1947	1948
All industries [2]	4,956	4,750	4,985	3,693	3,419	2,115,637	3,467,000	4,600,000	2,170,000	1,960,000	8,721,079	38,025,000	116,000,000	34,600,000	34,100,000
MANUFACTURING															
Food and kindred products	160	212	278	183	162	36,024	83,900	167,000	54,200	133,000	177,759	959,000	2,220,000	648,000	4,720,000
Tobacco manufactures	19	22	14	9	3	7,054	15,800	4,190	9,600	600	59,546	284,000	255,000	195,000	4,300
Textile-mill products	184	187	188	82	82	55,264	107,400	50,700	35,500	21,200	471,287	1,456,000	1,360,000	976,000	719,000
Apparel and other finished products, etc	100	118	173	131	131	14,506	15,400	24,300	10,700	23,800	70,476	177,000	574,000	199,000	267,000
Lumber and timber basic products	81	67	61	109	100	43,488	57,600	16,400	23,900	24,600	299,439	2,230,000	959,000	850,000	493,000
Furniture and finished lumber products	86	90	208	84	63	16,909	20,800	44,900	12,500	12,100	81,316	363,000	1,550,000	292,000	156,000
Paper and allied products	49	92	76	37	40	16,439	27,700	21,500	7,600	9,700	122,907	354,000	606,000	187,000	142,000
Printing, publishing, and allied industries	23	47	67	66	43	2,399	13,200	14,200	9,500	10,900	9,806	221,000	326,000	171,000	587,000
Chemicals and allied products	116	120	122	94	73	26,128	43,600	48,100	30,800	21,400	116,334	427,000	1,190,000	439,000	538,000
Products of petroleum and coal	42	38	21	14	13	9,340	50,000	4,280	9,600	21,300	25,102	450,000	108,000	310,000	752,000
Rubber products	77	123	89	41	48	39,496	258,400	99,400	47,000	72,300	113,905	1,521,000	813,000	382,000	524,000
Leather and leather products	95	111	100	81	45	24,009	50,600	29,000	24,900	9,800	116,038	248,000	434,000	223,000	215,000
Stone, clay, and glass products	122	104	136	94	90	37,874	60,400	32,000	27,100	22,300	204,451	1,203,000	1,180,000	563,000	365,000
Iron and steel and their products	998	817	478	[3]	[3]	369,196	425,100	859,000	[3]	[3]	1,225,660	3,731,000	23,500,000	[3]	[3]
Nonferrous metals and their products	148	142	134	[3]	[3]	49,544	75,000	78,200	[3]	[3]	142,851	600,000	4,280,000	[3]	[3]
Primary metal industries				188	168				102,000	56,700				1,130,000	1,450,000
Fabricated metal products (except ordnance machinery, and transportation equipment)				218	151				51,300	37,000				883,000	496,000
Machinery (except electrical)	311	335	324	252	189	141,078	228,200	244,000	114,000	152,000	507,917	2,965,000	13,700,000	2,910,000	2,090,000
Electrical machinery	80	96	134	80	64	35,278	121,200	232,000	36,100	31,000	111,944	1,390,000	10,800,000	611,000	402,000
Transportation equipment	549	407	193	106	107	751,922	834,200	222,200	171,000	278,000	2,258,398	9,738,000	17,340,000	4,200,000	3,170,000
Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks				32	31				8,100	5,700				97,000	146,000
NONMANUFACTURING															
Agriculture, forestry, and fishing	18	20	28	22	23	9,851	5,000	17,500	12,200	23,100	274,474	47,000	219,000	287,000	531,000
Mining	893	670	570	478	614	278,051	678,000	974,000	517,000	651,000	1,412,634	6,234,000	21,400,000	2,440,000	10,400,000
Construction	168	206	351	382	380	22,485	45,800	146,000	175,000	108,000	119,893	447,000	1,450,000	2,770,000	1,430,000
Trade	139	182	385	336	241	31,450	34,800	64,100	60,600	30,200	270,401	336,000	882,000	1,010,000	557,000
Finance, insurance, and real estate	15	23	29	38	18	954	15,700	2,140	2,600	1,900	10,953	80,000	14,700	46,900	46,300
Transportation, communication, etc	335	342	479	282	293	73,390	157,000	1,020,000	468,000	160,000	344,956	1,551,000	9,020,000	11,500,000	3,290,000
Services—personal, business, and other	96	97	206	147	159	11,750	18,400	54,700	20,200	20,700	73,979	552,000	924,000	723,000	306,000

[1] Strikes affecting more than 1 industry, have been counted as separate strikes in each industry affected, with proper allocation of workers and man-days idle.
[2] Includes industries not shown separately.
[3] Not available because of regrouping of industries.

Source: Department of Labor, Bureau of Labor Statistics; published in May issues of Monthly Labor Review.

9. Military Services and Veterans' Affairs

This section includes data on the Army, the Navy, other branches of the military service and on the various aspects of government programs for veterans.

Military services.—Data are compiled from the various branches as indicated in the source notes. A summary table prepared by the Bureau of Labor Statistics, similar to their tables on employment in the section on Labor Force, is also included. For expenditures of Federal government on military services, see tables 357, 358, and 360.

Veterans' Administration.—The Veterans' Administration was created under authorization of the act of Congress approved July 3, 1930 (46 Stat. 1016: 38 U. S. C. 11), to consolidate and coordinate under a single control all Federal agencies dealing with veterans' affairs.

The Veterans' Administration administers laws relating to the relief of, and other benefits provided by law for, former members of the military and naval forces. It is responsible for extending relief to veterans who served in the national defense establishment in time of war or peace, and dependents of living and deceased veterans, as provided for by various acts of Congress. These benefits include, in addition to compensation, pensions, vocational rehabilitation, and education, the guarantee or insurance of loans for purchase or construction of homes, farms, and business property, readjustment allowance for unemployed or self-employed veterans, Government life insurance, death benefits, adjusted compensation, emergency and other officers' retirement pay, physical examinations, hospital and out-patient treatment, and domiciliary care. The Veterans' Administration also administers the insurance section of the Soldiers' and Sailors' Civil Relief Act for persons in the active military service.

No. 253.—Personnel and Pay of the Military Branch of the Federal Government: 1935 to 1949

[In thousands]

Year	Personnel (average for year)					Pay (total for year)[1]					
	Total	Branch		Sex		Total	Branch		Type of pay		
		Army and Air Force[2]	Navy[3]	Men	Women		Army and Air Force	Navy[4]	Pay roll[5]	Mustering-out pay	Family allowances[6]
1935	267	145	122	------	------	$251,875	$110,908	$140,968	$251,875	------	------
1936	298	167	131	------	------	272,473	121,572	150,901	272,473	------	------
1937	318	178	140	------	------	290,592	132,089	158,503	290,592	------	------
1938	331	185	146	------	------	304,895	138,267	166,629	304,895	------	------
1939	345	192	154	------	------	331,523	155,482	176,041	331,523	------	------
1940	532	324	208	------	------	431,030	211,925	219,105	431,030	------	------
1941	1,644	1,291	353	1,639	5	1,262,927	855,900	407,027	1,262,927	------	------
1942	3,968	3,071	897	3,952	16	4,696,264	3,410,056	1,286,208	4,553,362	------	$142,902
1943	8,944	6,733	2,211	8,833	111	11,181,079	8,143,833	3,037,246	10,148,745	------	1,032,334
1944	11,372	7,889	3,483	11,161	211	16,840,205	11,130,018	5,710,187	14,067,813	$229,214	2,543,179
1945	11,608	7,734	3,874	11,350	258	20,392,101	13,478,703	6,913,398	16,097,640	1,367,520	2,926,941
1946	3,751	2,291	1,460	3,675	76	[7] 10,093,750	6,285,071	3,808,679	6,463,180	2,177,308	736,949
1947	1,671	1,059	612	1,650	21	[7] 5,350,396	3,461,632	1,888,764	3,336,934	177,015	308,220
1948	1,492	964	528	1,477	15	[7] 3,442,961	2,136,384	1,306,577	2,993,124	95,452	317,258
1949	1,641	1,089	552	1,623	18	[7] 3,647,147	2,343,312	1,303,834	3,268,443	49,680	328,385

[1] Excludes pay of retired and inactive reserve personnel.
[2] Prior to March 1944, includes persons on induction furlough; prior to June 1942 and after April 1945, includes Philippine Scouts.
[3] Covers Navy, Marine Corps, and Coast Guard. Includes missing personnel and personnel in hands of enemy.
[4] Covers Navy, Marine Corps, and Coast Guard. For Navy proper and Coast Guard, includes cash payments for clothing allowance balances.
[5] Includes men's share of family allowances but excludes Government's contribution. Represents actual expenditures for Army through April 1947 and for Coast Guard for all periods. Other data represent estimated obligations based on monthly personnel count.
[6] Represents Government's contribution. Excludes men's share.
[7] Includes leave payments of $716,313,000 in 1946, $1,528,227,000 in 1947, $37,127,000 in 1948, and $639,000 in 1949 (representing face value of bonds and cash payments) to enlisted personnel discharged prior to Sept. 1, 1946, for accrued and unused leave, and to officers and enlisted personnel then on active duty for leave accrued in excess of 60 days.

Source: Department of Labor, Bureau of Labor Statistics. Current data published in Monthly Labor Review and in mimeographed releases.

No. 254.—Military Personnel on Active Duty: 1921 to 1949

[Includes National Guard, Reserve, and retired Regular personnel on extended or continuous active duty. Warrant officers and flight officers are included under officers. Officer candidates are included with enlisted men. Excludes Coast Guard]

JUNE 30	Grand Total	ARMY [1]			NAVY [2]			MARINE CORPS		
		Total	Officers [3]	Enlisted	Total	Officers	Enlisted	Total	Officers	Enlisted
MALE AND FEMALE										
1921	386,542	230,725	16,501	214,224	132,827	9,979	122,848	22,990	1,087	21,903
1922	270,207	148,763	15,667	133,096	100,211	8,334	91,877	21,233	1,135	20,098
1923	247,011	133,243	14,021	119,222	94,094	8,410	85,684	19,674	1,141	18,533
1924	261,341	142,673	13,784	128,889	98,336	8,651	89,685	20,332	1,157	19,175
1925	251,814	137,048	14,594	122,454	95,288	8,918	86,370	19,478	1,168	18,310
1926	247,508	134,938	14,143	120,795	93,416	9,091	84,325	19,154	1,178	17,976
1927	249,052	134,829	14,020	120,809	95,025	9,440	85,585	19,198	1,198	18,000
1928	251,117	136,084	14,019	122,065	96,013	9,401	86,612	19,020	1,198	17,822
1929	255,233	139,118	14,047	125,071	97,319	9,434	87,885	18,796	1,181	17,615
1930	255,822	139,378	14,151	125,227	97,064	9,540	87,524	19,380	1,208	18,172
1931	252,705	140,516	14,159	126,357	93,407	9,849	83,558	18,782	1,196	17,586
1932	244,953	134,957	14,111	120,846	93,435	9,967	83,468	16,561	1,196	15,365
1933	243,971	136,547	13,896	122,651	91,356	9,947	81,409	16,068	1,192	14,876
1934	247,293	138,464	13,761	124,703	92,468	9,972	82,496	16,361	1,187	15,174
1935	252,226	139,486	13,471	126,015	95,480	10,115	85,365	17,260	1,163	16,097
1936	291,257	167,816	13,512	154,304	106,193	10,247	95,946	17,248	1,208	16,040
1937	311,560	179,968	13,740	166,228	113,369	10,367	103,002	18,223	1,312	16,911
1938	322,494	185,488	13,975	171,513	118,650	10,739	107,911	18,356	1,359	16,997
1939	334,473	189,839	14,486	175,353	125,202	12,023	113,179	19,432	1,380	18,052
1940	458,297	269,023	18,326	250,697	160,997	13,604	147,393	28,277	1,732	26,545
1941	1,801,101	1,462,315	99,536	1,362,779	284,427	29,092	255,335	54,359	3,339	51,020
1942	3,858,791	3,075,608	206,422	2,869,186	640,570	69,564	571,006	142,613	7,138	135,475
1943	9,044,745	6,994,472	579,576	6,414,896	1,741,750	179,676	1,562,074	308,523	21,384	287,139
1944	11,451,719	7,994,750	776,980	7,217,770	2,981,365	276,153	2,705,212	475,604	32,788	442,816
1945	12,123,455	8,267,958	891,663	7,376,295	3,380,817	331,379	3,049,438	474,680	37,067	437,613
1946	3,031,978	1,891,011	267,144	1,623,867	985,288	141,239	844,049	155,679	14,208	141,471
1947	1,582,999	991,285	132,504	858,781	498,661	52,434	446,227	93,053	7,506	85,547
1948	1,445,910	554,030	68,178	485,852	419,162	45,416	373,746	84,988	6,907	78,081
1949	1,615,360	660,473	77,272	583,201	449,575	47,975	401,600	85,965	7,250	78,715
FEMALE [4]										
1940	1,381	939	939		442	442				
1941	6,104	5,433	5,433		671	671				
1942	14,253	12,475	12,475		1,778	1,778				
1943	126,166	91,548	36,222	55,326	30,975	9,258	21,717	3,643	244	3,399
1944	210,491	119,023	47,736	71,287	73,991	16,010	57,981	17,477	797	16,680
1945	264,934	153,644	62,864	90,780	92,853	19,567	73,286	18,437	831	17,606
1946	57,992	33,359	16,660	16,699	22,413	8,391	14,022	2,220	163	2,057
1947	19,764	14,744	7,650	7,094	4,775	2,681	2,094	245	10	235
1948	14,482	8,095	4,829	3,266	4,054	2,436	1,618	167	8	159
1949	18,080	9,277	5,021	4,256	5,131	2,511	2,620	352	30	322

JUNE 30	AIR FORCE [5]						Army personnel assigned to Air Force Command [7]	Air Force personnel assigned to Army Command [8]
	Male and female			Female [6]				
	Total	Officers	Enlisted	Total	Officers	Enlisted		
1948	387,730	48,957	338,773	2,166	733	1,433	27,903	5,419
1949	419,347	57,851	361,496	3,320	973	2,347	22,495	119

[1] Includes Philippine Scouts; excludes contract surgeons. Data for 1921–47 include personnel in Army Air Forces and its predecessors (Air Service and Air Corps); 1948 and 1949 figures consist of total number of Army Department and Air Force Department military personnel assigned to organizations under command of United States Army (Army Command strength), and exclude Army Department and Air Force Department military personnel assigned to organizations under command of United States Air Force (Air Force Command strength). Includes personnel under Army commands in Army Nurse Corps, Women's Army Corps from 1943 on, Women's Medical Specialist Corps (dietitians, physical therapists, and occupational therapists) from 1943 on, and Women's Air Force 1948 and 1949.

[2] Nurse Corps included with officers.

[3] Includes field clerks in 1921–25.

[4] Number of women in services 1921 to 1939 relatively small.

[5] See note 1.

[6] Includes personnel under Air Force commands in Army Nurse Corps, Women's Medical Specialist Corps, Women's Air Force, and Women's Army Corps.

[7] Included in Air Force.

[8] Included in Army.

Source: Department of Defense, Office of Secretary of Defense; annual reports of the Departments, and Departmental records.

No. 255.—Ships of the U. S. Navy, as of Jan. 1: 1941 to 1950

[Active and reserve fleet 1946 to 1950. Data exclude: vessels on loan or lease; vessels assigned to Naval Reserve Training Program; vessels under construction; vessels scheduled for disposal; small boats and ship's boats; government-owned tankers operated by civilian crews; uncompleted vessels accepted from builders in preservation status. Data include registered vessels under cognizance of Bureau of Yards and Docks]

CLASS	1941	1943	1944	1945	1946	1947	1948	1949	1950
Ships, total number	**1,236**	**11,542**	**29,108**	**62,725**	**63,767**	**16,987**	**16,772**	**16,672**	**16,543**
Combatant	320	436	876	1,159	979	923	924	921	921
Patrol and mine craft	104	858	1,627	1,851	743	339	323	313	341
Auxiliaries	155	398	661	1,400	838	808	833	834	816
Landing craft, large	.....	494	1,056	3,226	1,255	776	672	670	681
Landing craft, small	163	7,920	22,786	52,605	57,908	[1]12,246	[1]12,246	[1]12,246	[1]12,246
District craft	494	1,436	2,102	2,484	2,044	1,895	1,774	1,688	1,538
Ships, total tonnage (1,000 tons)	**1,922**	**3,845**	**6,845**	**12,189**	**9,304**	**8,619**	**8,619**	**8,646**	**8,544**
Combatant	1,249	1,732	3,026	4,148	3,991	3,963	3,998	4,053	4,121
Patrol and mine craft	75	238	387	554	340	214	211	206	215
Auxiliaries	529	1,493	2,237	4,745	3,232	3,151	3,231	3,247	3,077
Landing craft, large	.....	112	576	1,762	677	586	509	506	517
Landing craft, small	1	50	182	372	416	131	131	131	131
District craft	68	220	437	608	648	574	539	503	483

[1] Postwar requirement.

No. 256.—Ships of the U. S. Navy—Completions: 1941 to 1949

[Data exclude uncompleted vessels accepted from builders in preservation status, and government-owned tankers acquired from Maritime Commission but operated by civilian crews]

CLASS	1941	1943	1944	1945	1946	1947	1948	1949
Ships, total number	**1,906**	**24,621**	**40,265**	**16,045**	**201**	**33**	**6**	**30**
Combatants, total	33	568	410	152	63	4	2	10
Aircraft carriers, large	.....	.....	.....	2	.....	1	.....	.....
Aircraft carriers	1	6	6	5	5	.....	.....	.....
Aircraft carriers, small	.....	9	.....	.....	1	1	.....	.....
Aircraft carriers, escort:								
New construction	.....	19	7	13	4	.....	.....	.....
Conversion	2	31	31	.....	.....	.....	.....	.....
Battleships	2	2	2	.....	.....	.....	.....	.....
Cruisers, large	.....	.....	2	.....	.....	.....	.....	.....
Cruisers, heavy	.....	4	1	8	4	.....	1	2
Cruisers, light	1	7	11	7	6	.....	1	1
Destroyers	16	128	78	74	31	2	.....	.....
Destroyer escorts	.....	306	193	6	.....	.....	.....	2
Destroyers, hunter killer	.....	.....	.....	.....	.....	.....	.....	2
Submarines	11	56	79	37	12	.....	.....	3
Patrol and mine craft:								
New construction	178	1,105	636	238	2	.....	.....	.....
Conversion	88	39	70	5	.....	.....	.....	2
Auxiliaries:								
New construction	6	208	299	180	35	4	.....	.....
Conversion	76	143	397	250	11	15	1	1
Landing craft, large	.....	825	2,217	384	7	1	.....	1
Landing craft, small	1,042	20,708	35,397	14,137	14	.....	.....	.....
District craft:								
New construction	329	804	671	592	49	2	.....	1
Conversion	154	221	168	107	20	7	3	15
Ships, total tonnage (1,000 tons)	**857**	**4,309**	**6,179**	**3,344**	**595**	**95**	**34**	**76**
Combatants, total	154	1,780	1,389	813	389	64	32	63
Aircraft carriers, large	.....	.....	.....	90	.....	45	.....	.....
Aircraft carriers	20	163	162	136	135	.....	.....	.....
Aircraft carriers, small	.....	99	.....	.....	14	14	.....	.....
Aircraft carriers, escort:								
New construction	.....	255	94	174	44	.....	.....	.....
Conversion	17	323	328	.....	.....	.....	.....	.....
Battleships	70	90	90	.....	.....	.....	.....	.....
Cruisers, large	.....	.....	55	.....	.....	.....	.....	.....
Cruisers, heavy	.....	54	14	109	55	.....	17	34
Cruisers, light	6	62	106	66	48	.....	15	15
Destroyers	26	256	166	176	75	5	.....	.....
Destroyer escorts	.....	393	253	8	.....	.....	.....	5
Destroyers, hunter killer	.....	.....	.....	.....	.....	.....	.....	5
Submarines	15	85	121	54	18	.....	.....	4
Patrol and mine craft:								
New construction	49	253	234	55	1	.....	.....	.....
Conversion	38	36	76	4	.....	.....	.....	2
Auxiliaries:								
New construction	23	260	719	331	94	16	.....	.....
Conversion	511	622	1,930	1,293	75	7	(1)	1
Landing craft, large	.....	619	1,210	371	12	2	.....	2
Landing craft, small	8	175	303	145	(1)	.....	.....	.....
District craft:								
New construction	56	423	222	300	13	1	.....	(1)
Conversion	18	141	96	32	11	5	2	8

[1] 500 tons or less.

Source of tables 255 and 256: Department of the Navy, Bureau of Ships.

No. 257.—Airplanes on Hand in the U. S. Air Force, as of January 1: 1941 to 1949

TYPE	1941	1942	1943	1944	1945	1946	1947	1948	1949
Total	**3,961**	**12,297**	**33,304**	**64,232**	**72,726**	**44,782**	**30,035**	**23,814**	**20,068**
Combat	1,760	4,477	11,607	27,448	41,961	26,077	17,186	13,118	9,031
Transport	124	254	1,857	6,466	10,456	7,500	4,538	3,536	3,712
Trainer	2,069	7,340	17,044	26,051	17,060	7,617	6,297	5,714	6,177
Communications	8	226	2,796	4,267	3,249	3,588	2,014	1,446	1,148

Source: Department of the Air Force, United States Air Force Statistical Digest.

No. 258.—Total U. S. Military Airplane Acceptances: 1940 to 1947

[Data exclude experimental aircraft, gliders, and aerial targets; they include U. S. financed Canadian production as well as civil transport planes of 12 or more places produced during 1940–45]

TYPE	1940	1941	1942	1943	1944	1945	1946	1947
Number, total	**6,019**	**19,433**	**47,653**	**85,405**	**95,237**	**46,820**	**1,371**	**2,100**
Combat	2,997	9,258	24,864	54,077	74,135	38,719	1,241	1,278
Transport	290	532	1,984	7,012	9,834	4,629	89	96
Trainer	2,731	9,373	17,631	19,939	7,577	1,309	-------	-------
Communications	1	270	3,174	4,377	3,691	2,163	41	726
Airframe weight (millions of pounds)	23.1	81.4	275.8	654.2	961.1	539.7	12.3	11.3

Source: Civil Aeronautics Administration, Office of Aviation Information.

No. 259.—Aircraft of the U. S. Navy, as of January 1: 1941 to 1950

TYPE	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
Number, total	**2,199**	**5,260**	**11,813**	**25,892**	**36,721**	**30,535**	**[1]15,983**	**14,664**	**14,947**	**14,015**
Combat	1,359	2,471	5,434	15,164	25,780	19,402	8,104	8,505	8,416	7,450
Transport and utility	169	303	624	1,367	2,437	2,876	1,268	1,225	1,300	1,374
Training [2]	638	2,459	5,714	9,057	7,883	7,280	6,593	4,910	5,148	5,133
Miscellaneous	33	27	41	304	621	977	18	24	83	58

[1] Partly estimated.
[2] Includes combat-type airplanes used for training.

Source: Navy Department, Bureau of Aeronautics.

No. 260.—Veterans' Administration and Predecessor Organizations—Expenditures for Relief of Veterans

[**In thousands of dollars.** Veterans' Administration is responsible for extending to veterans and dependents of living and deceased veterans certain benefits provided by law: Namely, compensation, pensions, and Army officers' retirement pay, insurance, adjusted compensation, hospital and domiciliary care for veterans of all wars]

YEARS ENDING JUNE 30—	Total for relief of veterans	COMPENSATION AND PENSIONS						
		Total [1]	Civil War	Spanish-American War	World War I	World War II [2]	Other wars [3]	Regular establishment
To June 30, 1934	16,787,073	11,713,709	7,768,409	867,433	2,705,286	----------	255,367	117,147
1935	609,916	374,426	63,530	77,753	219,851	----------	4,036	9,238
1936	3,839,120	399,010	55,637	108,584	221,156	----------	3,905	9,710
1937	893,994	396,046	46,596	114,924	219,469	----------	3,627	11,414
1938	629,830	402,784	39,233	118,183	230,203	----------	3,635	11,515
1939	600,222	416,719	33,179	125,298	242,866	----------	3,522	11,840
1940	639,127	429,153	27,790	127,427	254,846	----------	3,263	15,812
1941	614,357	433,129	23,173	127,357	261,940	----------	2,974	17,669
1942	647,334	431,298	19,525	125,674	263,871	201	2,719	19,294
1943	643,406	442,374	16,553	122,989	270,957	6,591	2,458	22,812
1944	828,391	494,942	13,895	125,056	268,269	62,235	2,268	23,207
1945	2,271,318	739,591	11,873	142,797	312,244	245,474	2,293	24,900
1946	4,772,072	1,253,690	10,417	139,342	345,510	732,235	2,117	24,061
1947	7,805,355	1,731,979	9,035	145,130	436,665	1,110,033	1,954	29,156
1948	6,896,265	1,827,648	9,019	165,098	471,952	1,150,051	1,915	29,605
1949	6,985,493	1,884,333	7,888	162,583	513,888	1,165,292	1,870	39,762
Grand total	55,772,173	23,370,829	8,155,754	2,795,629	7,238,974	4,472,112	[3] 297,923	417,140

YEARS ENDING JUNE 30—	Military and naval insurance	U. S. Government life insurance fund [4]	NATIONAL SERVICE LIFE INSURANCE		Adjusted service certificates [5]	Adjusted service and dependent pay	Hospital and domiciliary facilities and services—construction [6]	Administration, etc. [7]	Allotments and allowances	All other [2 8]
			Appropriated fund	Trust fund [4]						
To June 30, 1934	1,724,053	226,547	----------	----------	181,986	47,452	81,892	1,547,202	582,945	681,287
1935	100,355	27,172	----------	----------	25,562	1,361	2,903	77,807	[9] 1	331
1936	94,025	28,296	----------	----------	3,228,422	1,090	2,938	83,181	[9] 1	2,160
1937	88,052	29,396	----------	----------	282,656	1,546	8,964	84,741	[9] 1	2,594
1938	82,522	31,636	----------	----------	13,838	1,352	9,347	85,881	[9] 1	2,473
1939	38,394	35,331	----------	----------	7,414	1,185	10,958	87,900	([10])	2,321
1940	19,602	69,813	----------	----------	9,235	681	13,638	94,454	[9] 1	2,552
1941	15,391	55,827	----------	7	2,657	400	4,541	99,541	[9] 1	2,867
1942	15,491	44,481	----------	961	43,227	253	4,045	104,694	[9] 2	2,885
1943	14,489	39,815	18,296	6,549	997	168	2,720	114,662	[9] 3	3,338
1944	10,293	44,719	102,429	33,898	1,648	89	4,851	130,980	[9] 4	4,547
1945	19,756	32,273	1,117,548	136,847	11,223	64	15,801	159,379	[9] 2	38,839
1946	15,385	48,594	1,380,001	285,910	3,820	11	34,313	383,724	----------	1,366,624
1947	11,105	56,095	828,473	265,816	1,074	7	153,880	880,030	----------	3,876,896
1948	8,316	69,983	142,506	304,933	909	4	16,080	907,648	([10])	3,617,338
1949	7,386	56,363	7,405	339,453	6,314	13	34,024	941,814	([10])	3,628,388
Grand total	2,264,614	1,122,057	[11] 3,689,905	1,444,309	3,820,982	55,677	401,795	5,793,157	582,928	13,225,920

[1] Expenditures for 1948 overstated by $6,956,000, which was credited against 1949 and grand total but not against their horizontal components. Includes payments to participants in yellow-fever experiments for 1932–49.

[2] Expenditures incurred during 1944–46 for increased payments on account of vocational rehabilitation included under "Compensation and pensions—World War II"; thereafter, under "All other."

[3] War of the Revolution, $70,000,000; War of 1812; $46,218,000; Indian Wars, $103,465,000; Mexican War, $61,726,000; unclassified, $16,513,000.

[4] Figures for 1949 and grand total reflect recent change in reporting basis; change not carried to prior years.

[5] Represents payments made on adjusted service certificates and amounts reimbursed to U. S. Government life insurance fund on account of loans made from that fund.

[6] Includes expenditures from funds allotted under National Recovery Act of 1933 and P. W. A. Act of 1938.

[7] Expenditures for medical and hospital services, maintenance and expenses for pensions, Veterans' Administration homes, State and Territorial homes, salaries, printing and binding, and all other administrative expenses, except expenditures for civil service and Canal Zone retirement funds.

[8] Includes readjustment benefits, 1945–49, and subsistence allowances, 1947–49. Also includes expenditures for vocational rehabilitation (World War I), personal funds of patients, marine and seamen's insurance, automobiles and other conveyances for disabled veterans, and expenditures for miscellaneous purposes.

[9] Credit. [10] Less than $500, credit.

[11] Amount transferred by voucher to NSLI fund for payment of claims traceable to extra hazards of military or naval service and certain direct payments.

Source: Veterans' Administration, Annual Report of Administrator of Veterans' Affairs.

No. 261.—Compensation, Pensions, and Emergency and Reserve Officers' Retirement Pay—Living Veterans Receiving Benefits, Deceased Veterans Whose Dependents Were Receiving Benefits, and Expenditures for Benefits: 1866 to 1949

June 30 or year ending June 30—	Number on rolls			Expenditures ($1,000)	June 30 or year ending June 30—	Number on rolls			Expenditures ($1,000)
	Total	Living	Deceased			Total	Living	Deceased	
1866	126,722	55,652	71,070	15,450	1922	772,379	430,942	341,437	377,158
1870	198,686	87,521	111,165	29,351	1923	778,180	436,776	341,404	388,607
1875	234,821	122,989	111,832	29,270	1924	762,547	427,153	335,394	345,490
1880	250,802	145,410	105,392	56,689	1925	790,139	456,530	333,609	346,748
1885	345,125	247,146	97,979	65,172	1926	807,088	472,623	334,465	372,281
1890	537,944	415,654	122,290	106,094	1927	816,380	489,805	326,575	403,630
1895	970,524	751,456	219,068	139,812	1928	834,364	516,566	317,798	410,765
1900	993,529	752,510	241,019	138,462	1929	831,964	525,961	306,003	418,821
1902	999,446	739,443	260,003	137,504	1930	840,833	542,610	298,223	418,433
1903	996,545	729,356	267,189	137,760	1931	1,079,987	790,782	289,205	488,389
1904	994,762	720,921	273,841	141,094	1932	1,278,046	994,351	283,695	545,777
1905	998,441	717,761	280,680	141,143	1933	1,270,667	997,918	272,749	550,559
1906	985,971	701,483	284,488	139,000	1934	838,855	581,225	257,630	321,377
1907	967,371	680,479	286,892	138,155	1935	838,937	585,955	252,982	374,407
1908	951,687	658,581	293,106	153,093	1936	852,032	600,562	251,470	398,992
1909	946,194	633,035	313,159	161,974	1937	841,937	598,510	243,427	396,030
1910	921,083	602,622	318,461	159,974	1938	836,953	600,848	236,105	402,769
1911	892,098	570,456	321,642	157,325	1939	842,431	602,757	239,674	416,704
1912	860,294	538,362	321,932	152,986	1940	849,298	610,122	239,176	429,138
1913	820,200	503,633	316,567	174,172	1941	856,441	618,926	237,515	433,114
1914	785,239	470,623	314,616	172,418	1942	859,694	623,659	236,035	431,284
1915	748,147	437,723	310,424	165,518	1943	860,080	621,572	238,508	442,360
1916	709,572	403,372	306,200	159,155	1944	1,066,920	813,469	253,451	[1] 494,364
1917	673,111	370,147	302,964	160,895	1945	1,513,586	1,144,088	369,498	[1] 732,535
1918	649,497	341,632	307,865	180,177	1946	2,631,981	2,130,353	501,628	[1] 1,215,688
1919	673,832	338,216	335,616	233,461	1947	2,920,765	2,354,297	566,468	[1] 1,731,973
1920	769,543	419,627	349,916	316,418	1948	2,918,325	2,315,039	603,286	[1] 1,827,642
1921	768,572	422,691	345,881	380,026	1949	2,949,133	2,313,545	635,588	[1] 1,891,283

Description	Number on rolls, by wars, June 30—[2]							
	1930	1935	1940	1945	1946	1947	1948	1949
Total	**840,833**	**838,937**	**849,298**	**1,513,586**	**2,631,981**	**2,920,765**	**2,918,325**	**2,949,133**
War of 1812: Deceased	10	4	1	1				
War with Mexico:								
Living								
Deceased	630	294	130	55	51	47	36	29
Indian Wars:								
Living	5,454	3,899	2,216	1,115	971	841	710	623
Deceased	4,191	4,745	4,055	2,673	2,496	2,289	2,090	1,977
Civil War:								
Living	49,018	13,273	2,381	229	154	91	49	26
Deceased	167,674	100,290	50,141	24,521	21,504	18,715	16,323	13,430
Spanish-American War:								
Living	186,811	164,502	159,230	128,104	121,572	114,590	106,698	99,527
Deceased	30,919	39,045	57,720	71,955	73,037	75,070	77,336	78,636
Regular Establishment:								
Living	15,661	32,124	36,051	42,925	43,717	42,953	43,438	48,178
Deceased	3,830	7,240	10,126	13,666	13,813	13,263	13,513	15,163
World War I:								
Living	285,666	372,157	410,244	425,589	422,429	437,155	449,609	479,446
Deceased	90,969	101,364	117,003	162,000	209,789	231,477	252,626	268,946
World War II:								
Living				546,126	1,541,510	1,758,667	1,714,535	1,685,745
Deceased				94,627	180,938	225,607	241,362	257,407

[1] Excludes any increased compensation for vocational rehabilitation subsistence allowance under Public Law 16.
[2] For expenditures by wars, see table 260.

Source: Veterans' Administration, Annual Report of Administrator of Veterans' Affairs.

No. 262.—Compensation, Pensions, and Emergency and Reserve Officers' Retirement Pay—Annual Average Payments, per Veteran, to Living Veterans and to Dependents of Deceased Veterans, by Wars: 1910 to 1949

[Averages calculated by dividing total annual value of benefits, as of June 30, by number on rolls]

DESCRIPTION	1910	1915	1920	1925	1930	1935	1940	1945	1946	1947	1948	1949
AVERAGE PAYMENT												
All wars	$172	$215	$358	$408	$475	$428	$498	$548	$504	$585	$594	$631
Living	184	263	422	454	514	448	510	546	488	561	573	597
Deceased	149	148	280	344	404	383	467	553	575	684	674	753
War of 1812 (deceased)	151	149	233	360	540	510	240	240	----	----	----	----
War with Mexico	167	175	240	363	586	579	580	576	575	572	557	547
Living	238	356	414	709	----	----	----	----	----	----	----	----
Deceased	144	146	230	359	586	579	580	576	575	572	557	547
Indian Wars	132	168	203	202	446	435	492	570	571	568	680	678
Living	110	230	240	243	513	529	736	843	861	866	1,073	1,087
Deceased	144	145	149	149	359	358	358	456	458	459	546	548
Civil War	174	220	359	477	542	533	489	459	457	455	537	541
Living	187	275	452	699	852	1,060	1,162	1,188	1,186	1,180	1,416	1,308
Deceased	148	147	281	360	452	463	457	452	451	451	535	540
Spanish-American War	128	134	142	206	389	368	582	707	712	739	884	877
Living	121	129	132	193	389	388	660	861	875	898	1,094	1,100
Deceased	159	160	175	278	389	286	367	433	440	496	593	594
Regular Establishment	173	176	181	198	232	234	362	437	433	523	521	636
Living	166	169	173	192	235	224	378	430	424	537	535	599
Deceased	197	200	204	219	219	280	304	457	460	478	473	753
World War I	----	----	417	421	499	445	477	545	541	664	663	690
Living	----	----	449	453	553	472	459	545	550	688	696	728
Deceased	----	----	316	317	331	348	538	546	524	619	604	623
World War II	----	----	----	----	----	----	----	514	470	546	544	585
Living	----	----	----	----	----	----	----	482	442	508	509	530
Deceased	----	----	----	----	----	----	----	698	712	846	795	949

Source: Veterans' Administration; Annual Report of Administrator of Veterans' Affairs, monthly report, and records.

No. 263.—U. S. Government Life Insurance in Force: 1935 to 1949

[Amounts in thousands of dollars]

JUNE 30—	INSURANCE POLICIES		JUNE 30—	INSURANCE POLICIES		JUNE 30—	INSURANCE POLICIES	
	Number	Amount		Number	Amount		Number	Amount
1935	590,865	2,605,400	1940	609,094	2,565,327	1945	567,941	2,454,864
1936	593,213	2,590,922	1941	613,408	2,567,392	1946	551,823	2,390,154
1937	596,982	2,578,339	1942	594,806	2,507,187	1947	531,053	2,310,344
1938	602,963	2,569,893	1943	586,631	2,499,656	1948	513,263	2,237,325
1939	606,071	2,562,354	1944	578,641	2,494,900	1949	500,784	2,182,181

Source: Veterans' Administration, Annual Report of Administrator of Veterans' Affairs and records.

No. 264.—U. S. Government Life Insurance Issued and in Force, by Plan

PLAN	ISSUED TO JUNE 30, 1949					IN FORCE JUNE 30, 1949	
	Number	Amount (1,000)	Percent of total		Average policy	Number	Amount (1,000)
			Number	Amount			
Total	**1,149,304**	**$4,839,027**	**100.0**	**100.0**	**$4,210**	**500,784**	**$2,182,181**
Ordinary life	226,820	1,087,782	19.7	22.5	4,796	152,616	781,798
20-payment life	323,918	1,156,340	28.2	23.9	3,570	190,952	710,845
30-payment life	38,584	189,439	3.4	3.9	4,910	27,638	144,865
20-year endowment	258,108	647,926	22.5	13.4	2,510	29,443	75,739
30-year endowment	46,481	190,969	4.0	3.9	4,109	26,437	114,223
Endowment at age 62	47,333	220,949	4.1	4.6	4,668	27,469	130,300
5-year convertible term	145,571	960,350	12.7	19.8	6,597	29,062	189,000
5-year level premium term	62,489	385,272	5.4	8.0	6,165		
Extended insurance	----	----	----	----	----	13,700	28,973
Paid-up insurance	----	----	----	----	----	3,467	6,438

Source: Veterans' Administration, Annual Report of Administrator of Veterans' Affairs and records.

No. 265.—Veterans Receiving Vocational Training and Education: June 1947 to September 1949

STATUS	1947		1948		1949		
	June 30	Dec. 31	June 30	Dec. 31	Mar. 31	June 30	Sept. 30
Vocational rehabilitation program: [1]							
Approved for training [2]	420,420	498,761	607,057	649,350	670,934	690,920	706,714
In training	211,800	255,888	224,993	230,028	219,666	179,372	163,434
School	89,423	122,751	96,787	109,597	105,495	70,239	59,428
Institutional on-farm	17,415	24,431	31,545	36,281	38,700	42,226	43,181
Job	104,962	108,706	96,661	84,150	75,471	66,907	60,825
Rehabilitated [3]	12,176	23,529	43,713	75,669	94,426	119,598	140,875
Education and training program: [3]							
Approved for training [2]	5,762,815	6,684,256	7,416,325	7,912,168	8,193,635	8,428,910	8,672,320
In training	1,862,633	2,545,799	1,666,518	2,302,624	2,325,930	1,631,780	1,607,620
School	1,094,337	1,811,570	983,110	1,651,029	1,695,945	1,010,594	1,009,771
Institutional on-farm	173,640	203,251	259,100	267,433	278,058	298,057	302,282
Job	594,656	530,978	424,308	384,162	351,927	323,129	295,567

[1] Authorized under Public Law 16.
[2] Authorized under Public Law 346.
[3] Cumulative from inception of program.

Source: Veterans' Administration, Annual Report of Administrator of Veterans' Affairs and records.

No. 266.—Veterans' Readjustment Allowances—Number of Claimants and Amount of Payments: September 1944 to November 1949

[Payments in thousands of dollars. Allowances provided veterans of World War II under Servicemen's Readjustment Act of 1944]

MONTH	Total payments	UNEMPLOYMENT ALLOWANCES		SELF-EMPLOYMENT ALLOWANCES	
		Amount of payments	Number of continued claims (last wk. in period) [1]	Amount of payments	Total claims (filed during period)
1944: September–December	4,215	4,113	24,000	102	1,751
1945: January–June	19,940	16,606	36,900	3,334	36,958
July–December	106,690	98,349	632,000	8,341	108,077
1946: January–June	917,398	809,782	1,744,105	107,616	1,302,708
July–December	826,316	681,511	934,704	144,805	1,449,595
1947: January–June	609,319	485,356	721,213	123,963	1,392,715
July–December	361,224	287,012	443,290	74,212	783,307
1948: January–June	315,596	265,333	385,282	50,263	588,898
July–December	194,472	161,137	354,711	33,335	353,723
1949: January	42,908	39,849	571,283	3,059	37,735
February	51,054	47,103	647,163	3,951	51,609
March	66,474	60,766	678,341	5,708	64,092
April	55,871	50,423	592,182	5,448	68,417
May	51,336	44,618	539,067	6,718	71,308
June	52,373	45,797	585,780	6,576	68,670
July	54,404	48,938	582,134	5,466	60,183
August	29,044	24,135	112,682	4,909	48,170
September	9,639	8,775	83,151	864	5,821
October	5,851	5,467	62,436	384	3,702
November	5,551	5,291	60,405	260	2,699
Total (cumulative)	**3,779,675**	**3,190,361**		**589,314**	

[1] Figures for September 1944–May 1946 estimated.

Source: Veterans' Administration, monthly and weekly reports.

No. 267.—Veterans' Guaranteed and Insured Loans—Number and Amount of Loans Closed, by Type of Loan, November 1944 to December 1949

[Amounts in thousands of dollars]

Period or month ending	Total			Home		Farm		Business	
	Number	Amount of loans	Amount of guaranty and insurance	Number	Amount of loans	Number	Amount of loans	Number	Amount of loans
Cumulative:									
To Dec. 29, 1945	49,219	[1] 212,512	80,557	44,731	[1] 198,913	1,064	[1] 3,585	3,424	[1] 10,014
To Dec. 25, 1946	517,980	2,697,440	1,250,028	455,293	2,494,547	18,202	66,844	44,485	136,049
To Dec. 25, 1947 [2]	1,117,879	6,183,772	2,891,490	996,510	5,777,068	37,995	144,609	83,374	262,095
To Dec. 25, 1948	1,495,669	8,161,134	3,857,795	1,346,075	7,653,976	48,403	186,614	101,191	320,544
1949: Jan. 25	22,536	105,780	54,336	21,065	101,077	475	1,751	996	2,952
Feb. 25	22,023	101,733	52,944	20,494	96,845	583	2,093	946	2,795
Mar. 25	18,794	86,487	44,791	17,268	81,501	548	2,167	978	2,819
Apr. 25	19,118	90,218	45,894	17,382	85,025	642	2,176	1,094	3,017
May 25	21,952	110,395	55,443	20,315	105,614	503	1,659	1,134	3,122
June 25	22,782	117,840	58,985	21,509	114,109	368	1,280	905	2,451
July 25	21,797	111,806	56,060	20,510	108,273	273	929	1,014	2,604
Aug. 25	26,294	135,096	67,769	25,043	131,610	249	796	1,002	2,690
Sept. 25	25,542	134,667	66,695	24,271	131,125	261	985	1,010	2,557
Oct. 25	32,418	166,190	83,110	30,847	161,909	375	1,291	1,196	2,990
Nov. 25	32,103	166,234	83,344	30,890	162,898	336	1,228	877	2,108
Dec. 25	28,375	147,040	73,706	27,199	143,605	333	1,179	843	2,256
Cumulative to Dec. 25, 1949 [2]	1,789,402	9,634,546	4,600,870	1,622,867	9,077,565	53,349	204,147	113,186	352,834

[1] Estimated.
[2] Adjusted total; not equal to sum of monthly figures.

Source: Veterans' Administration, records.

No. 268.—American National Red Cross—Expenditures and Adult Membership: Years Ending June 30, 1941 to 1949

[Expenditures in thousands of dollars]

Item	1941	1942	1943	1944	1945	1946	1947	1948	1949
Adult membership (thousands):									
Total, including insular and foreign	9,190	15,130	28,963	36,544	36,645	21,986	18,110	18,098	18,138
Continental U. S. and Alaska	8,980	14,940	28,847	36,371	36,502	21,874	18,044	17,989	17,896
Percent of total population [1]	6.8	11.2	21.1	26.3	27.7	16.6	13.7	13.7	13.6
Expenditures, total [2]	**13,038**	**25,310**	**56,876**	**108,904**	**130,671**	**133,274**	**65,808**	**50,929**	**43,698**
Services to the armed forces and to veterans	2,356	10,712	42,391	89,997	112,345	107,335	33,047	16,429	14,891
Disaster preparedness and relief	1,002	2,447	2,938	3,150	3,463	2,214	8,887	12,533	6,804
Health services	749	1,676	2,752	2,831	2,639	3,280	3,443	3,765	7,212
School and college activities	181	277	447	713	988	1,550	1,476	1,417	1,374
Volunteer services	49	136	481	413	374	342	192	276	304
General service and assistance to domestic and insular chapters	914	1,106	2,048	2,206	2,097	2,558	2,700	2,330	2,372
Public relations	135	165	379	693	684	784	669	715	640
Fund raising	380	682	1,153	1,295	1,569	1,172	804	707	698
International program	6,903	6,537	2,944	5,319	4,034	10,949	3,568	1,331	884
General executive offices	369	590	1,343	2,287	2,478	3,090	1,935	1,864	1,616
Purchase and improvement of land and buildings	-------	982	-------	-------	-------	-------	1,159	137	451
Operating facilities	-------	-------	-------	-------	-------	-------	7,928	9,425	6,452

[1] Based on population estimates of Bureau of Census.
[2] Data for chapter budgets not included; additional expenditures by the 3,745 chapters estimated at approximately $44,043,700 for year ending July 30, 1949. Activities common to all services, such as stenographic section, files, etc., previously prorated to the various services, are included with "Operating facilities" beginning 1947.

Source: The American National Red Cross, annual report.

No. 269.—Veterans Receiving Hospital or Domiciliary Care Authorized by Veterans' Administration: 1932 to 1949

[During fiscal year 1949, 4,973,328 out-patient treatments were given and 6,300,307 out-patient examinations were made. On June 30, 1949, 6,699 veterans were domiciled in State and Territorial homes. For each person, Federal Government reimbursed these States at rate of $120 per year through August 1939, $240 per year through December 17, 1943, $300 per year through May 31, 1948, and $500 per year thereafter]

Year ending June 30—	Total receiving hospital or domiciliary care at end of year	Veterans receiving hospital treatment, all facilities and hospitals [1]				Veterans receiving domiciliary care at end of year	Veterans' Administration facilities				
		Average daily patients	Patients remaining at end of year				Hospital [2]			Domiciliary	
			Total	Tuberculosis	Neuropsychiatric	General	Average daily patients	Operating expenses (1,000 dollars)	Per diem cost (dollars) [3]	Average daily domiciliary care	Operating expenses (1,000 dollars)
1932	62,255	42,448	43,567	6,499	20,160	16,908	18,688	25,046	31,996	3.44	----	----
1933	44,644	42,526	33,457	5,425	20,109	7,923	11,187	32,666	33,391	2.74	----	----
1934	48,849	36,192	39,445	5,032	22,226	12,187	9,404	35,220	32,620	2.51	10,190	3,649
1935	51,922	41,172	42,599	5,134	23,358	14,107	9,323	39,030	39,856	2.78	10,406	4,024
1936	51,128	43,516	41,542	4,539	24,447	12,556	9,586	40,972	42,386	2.82	12,008	4,474
1937	57,180	44,942	46,142	4,789	26,394	14,959	11,038	41,939	43,252	2.81	10,364	4,299
1938	64,924	49,004	50,670	4,857	29,267	16,546	14,254	45,639	44,204	2.65	13,514	4,872
1939	69,287	52,805	53,861	4,913	31,190	17,758	15,426	49,147	47,988	2.68	15,709	5,218
1940	73,114	56,304	56,596	4,644	33,016	18,936	16,518	52,409	49,921	2.60	16,708	5,546
1941	72,138	58,475	58,160	4,637	34,508	19,015	13,978	54,582	55,444	2.78	16,696	5,670
1942	67,646	57,880	56,073	4,900	34,659	16,514	11,573	54,636	59,055	2.96	14,371	5,836
1943	65,638	56,072	56,641	4,974	36,369	15,298	8,997	53,470	65,684	3.37	10,430	5,589
1944	72,376	61,305	63,800	6,190	40,382	17,228	8,576	58,338	72,111	3.38	9,447	5,427
1945	80,008	68,276	71,229	6,732	44,636	19,861	8,779	64,317	80,324	3.42	9,002	5,174
1946	96,889	78,326	85,837	8,103	49,399	28,335	11,052	71,493	136,248	5.22	10,547	7,655
1947	117,901	98,146	104,443	12,490	53,952	38,001	13,458	85,623	284,844	8.67	13,064	12,724
1948	117,851	105,881	103,576	13,045	54,790	35,741	14,275	92,534	322,589	9.05	14,387	14,145
1949	123,340	106,986	107,073	14,810	55,150	37,113	16,267	94,539	369,278	10.24	15,288	17,393

Type of care and year (June 30)	Veterans under hospital or domiciliary care, by class of beneficiary									
	All wars and regular establishment			World War II		World War I		Spanish American War	All other wars	Regular establishment
	Total	Service connected	Nonservice [4]	Service connected	Nonservice [4]	Service connected	Nonservice [4]			
Hospital treatment:										
1935	42,599	12,046	30,553	----	----	10,746	27,287	2,369	187	2,010
1940	56,596	12,328	44,268	----	----	10,552	40,360	2,900	105	2,679
1944	63,800	17,860	45,940	6,162	7,545	9,713	34,591	2,865	71	2,853
1945	71,229	23,337	47,892	11,655	9,119	9,696	35,092	2,793	49	2,825
1946	85,837	27,790	58,047	16,087	21,273	9,639	33,343	2,597	48	2,850
1947	104,443	35,525	68,918	22,981	28,049	10,451	36,896	2,955	137	2,974
1948	103,576	34,872	68,704	22,472	28,332	10,249	36,631	2,765	115	3,012
1949	107,073	35,919	71,154	23,399	29,768	10,078	37,452	2,863	105	3,408
Domiciliary care:										
1935	9,323	919	8,404	----	----	727	6,739	1,286	77	494
1940	16,518	1,146	15,372	----	----	949	14,293	752	19	505
1944	8,576	559	8,017	26	171	448	7,123	558	15	235
1945	8,779	560	8,219	67	293	414	7,174	589	17	225
1946	11,052	684	10,368	107	526	506	8,951	697	13	252
1947	13,458	994	12,464	143	583	709	10,687	947	25	364
1948	14,275	1,289	12,986	164	633	963	11,190	916	22	387
1949	16,267	1,814	14,453	298	818	1,301	12,407	1,025	9	409

[1] Includes Veterans' Administration beneficiaries cared for in Army, Navy, other Federal, and State and civil (contract) hospitals.
[2] Includes hospitals operated in connection with Veterans' Administration homes.
[3] Excludes hospitals operated for only part of year under unusual conditions.
[4] Includes emergency, observation, and unclassified cases.

Source: Veterans' Administration, Annual Report of Administrator of Veterans' Affairs and records.

10. Social Security and Related Programs

(Data in this section relate to continental United States, Alaska, and Hawaii, except as noted)

Broadly considered, "social security" includes (1) all public provisions for payments to individuals on an insurance or similar basis to compensate for part of the wage loss resulting from old age, sickness, disability, unemployment, or death (social insurance and related programs); (2) assistance, or payments on a needs basis, to persons with inadequate income (public aid); and (3) medical and hospital care and services to individuals to improve their health, earning power, and welfare (health and medical services and other welfare services). The aggregate expenditures for these purposes from Federal, State, and local funds are shown in table 270; a comparison of these expenditures with total receipts and expenditures of Federal, State, and local governments may be made by reference to tables 356, 357, 360, 396, 397, 407, and 408. Other data for social security and related programs are given in tables 271–274.

More detailed information follows for certain of the insurance programs—old-age and survivors insurance (tables 275–282), State unemployment insurance (tables 283–287), railroad retirement and unemployment insurance (tables 292–296), retirement systems for Government employees (tables 307–310) and workmen's compensation (table 297); for employment service (tables 288–291); for public assistance (tables 298–300); for maternal and child health and welfare services (tables 301–304) and for vocational rehabilitation (tables 305 and 306).

The *Social Security Bulletin* carries current data on all these programs for which monthly figures are available, and its supplement, the *Social Security Yearbook*, summarizes annual data for all. See also source notes to the tables in this volume for publications giving more detailed data and analyses of the figures and information on administrative factors that may affect them.

SOCIAL INSURANCE FOR INDUSTRIAL AND COMMERCIAL WORKERS

The two social insurance programs established by the Social Security Act provide protection against wage loss resulting from old age or death (Federal old-age and survivors insurance) or unemployment (Federal-State unemployment insurance). In addition, three States—Rhode Island, California, and New Jersey—administer cash benefits for workers covered by the State unemployment insurance law who suffer a wage loss because of temporary sickness; payments under a New York sickness benefits law on the workmen's compensation pattern, administered by the Workmen's Compensation Agency, will become payable on July 1, 1950. These insurance programs cover employment in industry and commerce. Some State unemployment insurance laws, however, limit coverage to workers in firms with a specified minimum number of employees in a specified number of weeks in a year. The Social Security Act excludes from coverage certain types of work, such as farm and domestic labor, employment by government and railroads, and self-employment.

Old-age and survivors insurance (tables 275–282) provides monthly retirement benefits to fully insured workers, as defined below, at age 65 or over and supplementary monthly benefits to their wives aged 65 or over and dependent children under age 18. Monthly survivor benefits are payable to certain dependents of fully or currently insured workers—children under age 18, and widows who have in their care a child

beneficiary of the deceased insured worker. If the deceased worker was fully insured, survivor benefits are payable to his widow at age 65 or, if he leaves no widow or unmarried child immediately or potentially eligible for benefits, to parents aged 65 or over who were chiefly dependent on him. If no monthly benefits are payable for the month in which the wage earner dies, a lump sum is paid to the spouse who was living with the worker at the time of death or, if there is no such spouse, as reimbursement for burial expenses to a person or persons equitably entitled to such payment. Survivor benefits were also established in 1946 for survivors of World War II veterans who die within 3 years of their discharge from military service, if pension or compensation is not payable by the Veterans' Administration with respect to the death of the veteran.

A worker is fully insured if he has received at least $50 in wages from covered employment in 1 calendar quarter for every 2 that have elapsed since the end of 1936—or since attainment of age 21 if later—and before the quarter in which he attains age 65 or dies (with a minimum of 6 such quarters of coverage), or if he has received such wages in at least 40 calendar quarters. A worker is currently insured if he has had wages of $50 or more from covered employment in at least 6 of the last 13 quarters, including the quarter in which he dies.

Monthly benefits and lump-sum payments are based on the worker's average wage as legally defined. Benefits are suspended for any month in which the beneficiary, or the person on whose wage record benefits are based, earned more than $14.99 in covered employment. Covered workers and their employers each pay contributions of 1.5 percent on the worker's wages, not counting amounts above the first $3,000 in a year. The rate is scheduled to rise to 2 percent in 1952. An amount equal to the contributions collected is appropriated for deposit in the old-age and survivors insurance trust fund, from which benefits and administrative costs are paid. The wage credits of a worker—the amounts of wages up to a maximum of $3,000 a year—are recorded in individual employee accounts maintained by the Bureau of Old-Age and Survivors Insurance.

State unemployment insurance laws (tables 283–287) pay benefits to unemployed covered workers who meet the qualifying conditions specified in the State law. In general, a waiting period of 1 or 2 weeks must be served before payments begin. Benefits are payable for a maximum number of weeks, amounting to 20 in 20 States, 26 in 13 States at the end of 1949 but ranging from 12 to 25 weeks among the others. In theory, weekly benefit amounts represent about 50 percent of wages, but the maximum limits on individual payments, which range from $15 to $26 under the several State laws, cut down the proportion for many workers in many States. Eleven States take account of the unemployed worker's dependents in determining the amount of benefits payable to him. Three States now pay benefits to workers whose unemployment is caused by sickness.

The standard rate of contributions payable by employers for unemployment insurance is 2.7 percent of wages paid, not counting amounts above the first $3,000 a year paid to an employee. In two States, employees also contribute for unemployment insurance. All States adjusted employer contribution rates in 1949 in accordance with "experience rating," which is based in general on the extent to which their employees have drawn benefits. The Federal Government imposes a Federal unemployment tax on employers of eight or more in industry or commerce; against this Federal tax, employers credit, up to 90 percent of their Federal liability, contributions they have paid under the State law or would have paid if they had been assessed at the standard rate. Contributions collected by States are deposited to State accounts in the Federal unemployment trust fund, from which States withdraw amounts needed

for benefit payments. The Federal Government makes grants to States to cover the necessary administrative costs of State systems that meet statutory Federal requirements.

In the three States which have temporary disability programs, employees pay contributions for these benefits. Other States which now collect or in the past have collected employee contributions for unemployment insurance may use that money to finance cash sickness benefits.

SOCIAL INSURANCE FOR RAILROAD WORKERS

The social insurance programs under the Railroad Retirement Act and Railroad Unemployment Insurance Act cover employees of railroads (including the Railway Express Agency and the Pullman Company) subject to part I of the Interstate Commerce Act, affiliated companies such as refrigerator-car loan companies performing services connected with railroad transportation, organizations such as railroad and traffic associations maintained by two or more covered employers, and standard railway-labor organizations, national in scope. These programs are administered by the Railroad Retirement Board, which publishes operations data in its *Monthly Review* and *Annual Report.*

Retirement and survivor benefits (tables 292 and 296).—The Railroad Retirement Act provides retirement annuities for aged or disabled workers and monthly and lump-sum survivor benefits to survivors of deceased workers. Old-age annuities are payable at age 65 or over, or at reduced rates (full rates for women employees) at age 60 to 64 after 30 years of service. Total and permanent disability annuities are payable at age 60, or after 10 years of service; and occupational disability annuities at age 60, or after 20 years of service, provided the employee is connected with the industry.

Payable monthly, retirement annuities are equal to 2.4 percent of the first $50 of the worker's average monthly earnings, 1.8 percent of the next $100, and 1.2 percent of the last $150, the sum multiplied by the years of service (up to 30, if service before 1937 is included). Under certain conditions, military service is creditable toward an annuity. Retirement is not compulsory.

The present maximum annuity is $144 a month; the minimum, the least of the following: $60, $3.60 times the years of service, or the average monthly compensation, whichever is least, provided the employee has at least 5 years of service and a connection with the industry.

Four types of monthly survivor annuities and a lump-sum death benefit are payable to certain dependents of "completely insured" workers who die before or after retirement as follows: (1) widows at age 65, if they do not remarry; (2) dependent, unmarried children under 18; (3) widows with entitled children in their care; and (4) dependent parents at age 65 if the worker is not survived by a widow or eligible children. If no survivor is entitled to immediate monthly benefits, a lump-sum benefit is payable to the widow, children (including persons entitled to share with children under State intestacy laws), parents, or persons who paid the funeral expenses, in that order of precedence. If a worker dies "partially insured," all of the benefits listed above except those to widows at age 65 and to parents are payable.

A "completely insured" and a "partially insured" worker correspond to a "fully insured" and a "currently insured" worker, respectively, under the Social Security Act.

A residual payment is made when no other death benefits are payable with respect to an employee's death. The benefit is payable to the person designated by the employee, or, in the absence of a designation, to the widow (or widower), children, parents, an estate, except that if no person is alive to receive the payment, it is made to the employee's estate.

Funds for the retirement and survivor system come from a tax on compensation (exclusive of earnings over $300 a month) authorized under the Railroad Retirement Tax Act. The tax, divided equally between the employer and the employee, is 12 percent and is scheduled to rise to the maximum of 12¼ percent in 1952.

Unemployment and sickness benefits (tables 295 and 296).—The Railroad Unemployment Insurance Act provides benefits for unemployment and sickness (including maternity) payable in a benefit year (July 1–June 30) to any employee who earned at least $150 in covered employment in the "base year" (the calendar year preceding the beginning of the benefit year). Benefits, ranging from $1.75 to $5.00 per day, depending upon the employee's base year earnings, are payable for each day of unemployment or sickness over 7 in the first 14-day registration period, and for each day over 4 in subsequent registration periods, up to a maximum of 130 days in a benefit year for each type of benefit.

The unemployment insurance program is financed entirely by contributions from covered employers, paid directly to the Board. The contribution rate for any year depends upon the balance in the unemployment insurance account and may vary from ½ to 3 percent of payrolls (exclusive of individual earnings in excess of $300 a month). Since January 1, 1948, the minimum rate has been in effect.

RETIREMENT SYSTEMS FOR FEDERAL GOVERNMENT EMPLOYEES

Three contributory retirement systems for Federal civilian employees (tables 307–309) and one noncontributory system are administered by the Civil Service Commission. In addition, there are other systems for Federal employees not otherwise covered (table 310).

The Civil Service Retirement Act, as passed in 1920 and amended subsequently, provides for age, optional, disability and discontinued service annuities for employees in the executive, judicial, and legislative branches of the United States Government not subject to another retirement system, except those employees excluded by executive order because the tenure of employment is intermittent or of uncertain duration. It also covers those employees in the municipal government of the District of Columbia not subject to special retirement systems for teachers, firemen, and policemen. The amendment of Feb. 28, 1948, provided annuities for the widows and minor children of deceased employees, and, under certain conditions, to the survivors of deceased annuitants. Approximately 1,865,000 employees were subject to this act as of June 30, 1949. The employee contribution rate, computed on base pay, has been 6 percent since July 1948. The rate had been 5 percent from July 1942–June 1948, 3½ percent from July 1926–June 1942, and 2½ percent from August 1920–June 1926.

The Panama Canal Zone Retirement Act, passed in 1931, pertains to employees of the Panama Canal and Panama Railroad Company who work on the Isthmus of Panama and are citizens of the United States. Four thousand five hundred and forty-six employees were covered by this act in June 1949. Employee contributions are 5 percent. Employees of the Alaska Railroad in Alaska who are citizens of the United States come under the Alaska Railroad Retirement Act, enacted in 1936. The coverage under this system was 2,224 persons in March 1949. The contribution rate is 5 percent. These two systems were repealed by the act of July 21, 1949, and all employees and annuitants subject thereto were brought under the Civil Service Retirement Act.

These three acts do not require specific payments from the Government as employer, but each implies that the Government will furnish the amounts necessary to finance the fund and to continue the act in full force and effect. Appropriations have been made annually by the Congress to each fund after a short period of operation.

A special act was passed in 1944 to provide noncontributory annuities for citizens of the United States employed during the Panama Canal construction period, and, under certain conditions, for their widows. On June 30, 1949, there were 2,941 annuitants under this act. Separate retirement systems, some contributory and others noncontributory, are in operation for the armed forces and special classes of Federal employees.

WORKMEN'S COMPENSATION

As a result of the enactment in 1948 of a Mississippi workmen's compensation law, all States now have programs providing protection against work-connected injuries and deaths. In addition to the State laws, there are Federal workmen's compensation laws covering employees of the Federal Government, private employees in the District of Columbia, and longshoremen and harbor workers. Most of the State workmen's compensation laws exempt such employments as agriculture, domestic service and casual labor; the majority exempt employers who have fewer than a specified number of employees. Occupational diseases, or at least specified diseases, are compensable under most laws.

In general, compensation is based on a proportion of wages; for total disability the proportion is commonly between three-fifths and two-thirds. However, all laws place a maximum amount on the weekly benefit payment—including dependents allowances, the maximum is $25 or more in most laws, with 9 as high as $35 or more. In most States, total payments to injured workers or to survivor families are limited as to time, amount, or both. All compensation acts require that medical aid be furnished to injured employees; in about one-third of the laws, there are either duration or cost limitations—or both—on the amount of medical benefits provided.

To ensure that compensation will be paid when due, workmen's compensation laws require that a covered employer obtain insurance or give proof of his qualifications to carry his own risk (self-insurance). In most of the States the employer is permitted to insure with private insurance companies, but in 7 of the 18 States which have State insurance funds, employers are required to insure their risks in the State fund.

Total payments of all types of insurers for compensation and medical benefits, by States and for the years 1939 to 1948, appear in table 297. Of the 1948 total of $536 million, an estimated $175 million was in the form of medical aid, about $311 million in cash benefits to injured workmen, and the remaining $50 million in periodic or lump-sum payments to survivor families.

PUBLIC ASSISTANCE

Public assistance (tables 298–300) is provided through four major programs, all administered by the States and localities. Payments to three groups of needy persons—the aged, the blind, and children whose need arises from certain causes—are financed in part from Federal funds granted to States under the Social Security Act. Aid to other needy persons is furnished for the most part through general assistance, toward which the Federal Government makes no contribution. In addition, one State aids dependent children, and three aid blind persons, without Federal funds.

To receive a Federal grant for assistance payments and administrative expenses under any of the three programs established by the Social Security Act, a State must have a plan approved as meeting the requirements of the Federal act. Each State establishes the conditions under which needy people may receive assistance and determines how much they shall get. Beginning in October 1948, the maximum amount in which the Federal Government will share is $50 for old-age assistance and aid to the blind and, for aid to dependent children, $27 for the first child and $18 for each

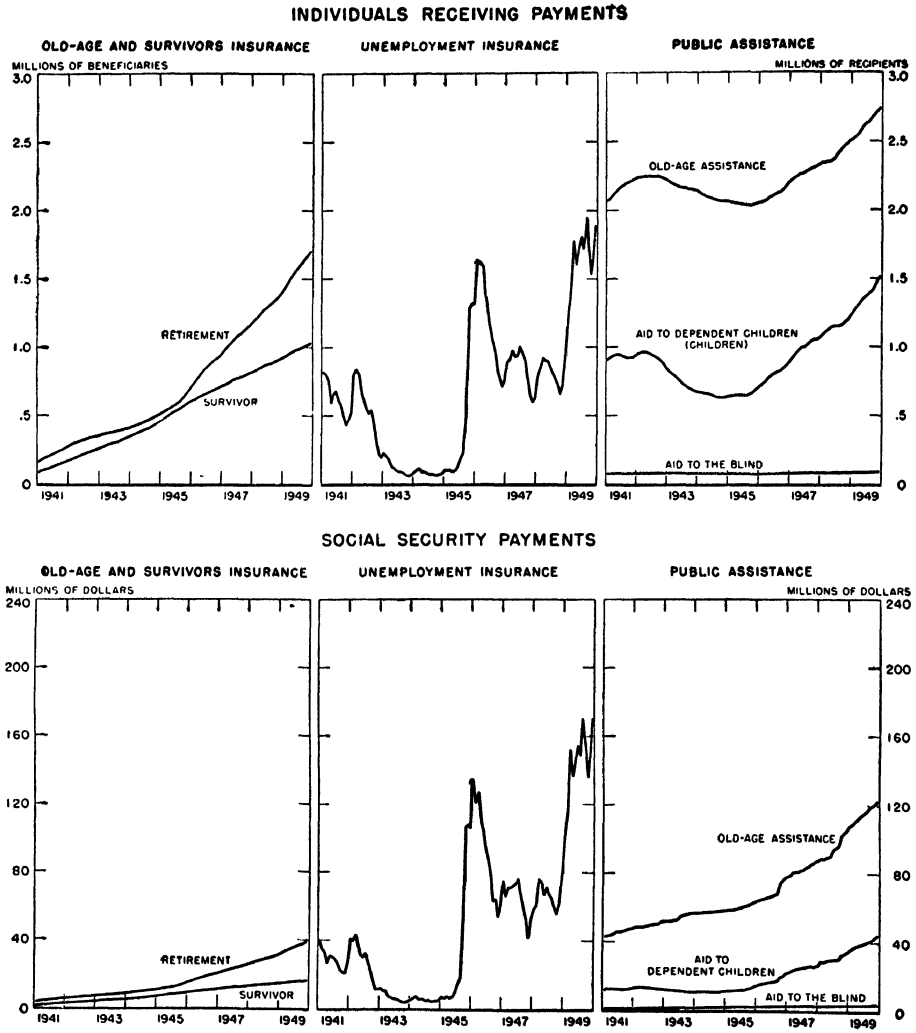
additional child in a family. The Federal Government pays three-fourths of the first $20 of the average monthly assistance payment for aged and blind recipients and three-fourths of the first $12 per dependent child, plus one-half the remainder of matchable expenditures. For all three programs the Federal share of the cost of State administration is one-half the sums expended.

HEALTH AND WELFARE SERVICE

Programs providing health and welfare services (tables 272, 273, 301–306) are aided through grants to States for maternal and child-health services, services for crippled children, child-welfare services, vocational rehabilitation, and public health. The Children's Bureau, a part of the Social Security Administration, administers the first three of these programs (tables 301–304); the other two are administered, respectively, by the Office of Vocational Rehabilitation (tables 305 and 306) and the Public Health Service, both units of the Federal Security Agency.

FIGURE J.—SOCIAL SECURITY OPERATIONS: 1941 TO 1949

[**Old-age and survivors insurance:** Beneficiaries actually receiving monthly benefits (current payment status) and amount of their benefits during month. **Unemployment insurance:** Average weekly number of beneficiaries for the month and gross benefits paid during the month under all State laws. **Public assistance:** Recipients and payments under all State programs]



Source: Federal Security Agency, Social Security Administration.

No. 270.—Public Civilian Expenditures for Social Security and Related Purposes, by Source of Funds and Program: Fiscal Years 1947 and 1948

[**In millions.** Preliminary data, corrected to March 1, 1950, not comparable to data previously published because of changes in inclusions and classification. Represents expenditures from general and special funds, and trust accounts; excludes transfers to such accounts and loans; includes administrative expenditures unless otherwise indicated. Fiscal years for Federal Government, most States, and some localities ending June 30; fiscal years for other States and localities cover various 12-month periods ending within year]

PROGRAM	1947			1948		
	Total	Federal	State and local	Total	Federal	State and local
Total	$9,816.2	$6,231.6	$3,584.6	$10,010.0	$5,916.0	$4,094.1
Social insurance and related programs	6,100.4	4,567.8	1,532.6	5,567.6	4,021.7	1,545.9
Old-age and survivors insurance	466.4	466.4		559.1	559.1	
Railroad retirement	177.6	177.6		227.3	227.3	
Public employee retirement systems [1]	487.0	256.0	[2] 231.0	547.2	294.2	[2] 253.0
Employment security [3]	986.0	148.8	837.2	901.2	141.5	759.7
Railroad unemployment insurance [4]	51.2	51.2		38.0	38.0	
Railroad temporary disability insurance [5]				26.0	26.0	
State temporary disability insurance programs [6]	15.3		15.3	34.3		34.3
Veterans' program [7]	3,451.1	3,451.1		2,720.6	2,720.6	
Workmen's compensation [8]	465.8	16.7	[2] 449.1	513.9	15.0	[2] 498.9
Public aid	1,440.1	615.9	824.2	1,699.9	722.5	977.4
Special types of public assistance [9]	1,271.9	615.9	656.0	1,487.5	722.5	765.0
General assistance	168.2		168.2	212.4		212.4
Health and medical services [10]	1,717.1	678.4	1,038.7	2,057.6	717.2	1,340.4
Hospital and medical care [11]	1,076.0	530.9	545.1	1,320.2	547.2	773.0
New hospital construction [12]	84.8	28.8	56.0	123.1	55.1	68.0
Community and related health services	488.7	[13] 63.7	[14] 425.0	551.5	[13] 67.1	[14] 484.4
Maternal and child health care [15]	51.9	43.7	8.2	34.1	25.1	9.0
Medical rehabilitation [16]	3.5	1.8	1.7	5.2	2.6	2.6
Medical and public health research [17]	10.1	8.1	2.0	19.8	17.8	2.0
Health manpower training [18]	2.1	1.4	.7	3.7	2.3	1.4
Other welfare services	558.6	369.5	189.3	684.9	454.6	230.4
Vocational rehabilitation [19]	15.8	12.4	3.4	19.4	15.1	4.3
Veterans' program [20]	263.8	263.8		353.3	353.3	
Institutional and other care	173.5	[21] 15.4	158.2	213.9	[21] 17.0	197.0
School lunch program [2]	105.5	77.9	27.7	98.3	69.2	29.1

[1] Excludes refunds of employee contributions to employees leaving service.
[2] Excludes administrative expenditures.
[3] State unemployment insurance programs, Reconversion Unemployment Benefits for Seamen, U. S. Employment Service, and Bureau of Employment Security.
[4] Includes railroad unemployment benefits and administrative expenses of railroad employment services, unemployment insurance and temporary disability programs.
[5] Benefits first payable July 1, 1947; excludes administrative expenditures. See footnote 4.
[6] Benefits first payable in Rhode Island April 1943 and in California Dec. 1946; includes benefits paid by private plans under State law provisions in California.
[7] Includes Army and Navy pensions, annuities, burial awards, and readjustment allowances and estimated administrative expenditures for nonmedical services; excludes expenditures from Government life insurance fund.
[8] Includes expenditures for medical services, approximately $150 and $165 million in 1947 and 1948, respectively. Includes payments by employers and private insurance carriers of benefits payable under public law.
[9] Old-age assistance, aid to the blind, and aid to dependent children.
[10] Excludes: all medical expenditures (both health services and research) of the military establishment and Atomic Energy Commission; health services provided in connection with primary and secondary public education; medical services included under public aid programs above; medical care included under workmen's compensation program above; international health activities; professional training of nurses, physicians, etc.; and expenditures for medical services and research subordinate to performance of other functions such as those of Dept. of Agriculture, Tennessee Valley Authority, Civil Aeronautics Authority, etc.
[11] Excludes expenditures for domiciliary care by Veterans' Administration and expenditures in institutions for chronic care (other than mental and tubercular), both included under Institutional and other care below. Includes hospital and out-patient care in public institutions and expenditures for maintenance and improvement of existing facilities.
[12] Federal includes cost of hospital planning and surveys; State and local, new construction only.
[13] Includes expenditures of U. S. Public Health Service except: international activities, National Institutes of Health, medical and hospital care and hospital construction, professional training. Includes expenditures of Food and Drug Administration.
[14] Includes all community health and sanitation expenditures except those in connection with schools and public welfare and those classified elsewhere as health and medical services.
[15] Federal includes expenditures under Maternal and Child Health and Crippled Children's programs and wartime program, Emergency Maternity and Infant Care. State and local includes only required matching of Federal grants under Maternal and Child Health and Crippled Children's programs.
[16] Medical care and service expenditures under Vocational Rehabilitation Act.
[17] Includes all expenditures (except training) of U. S. Public Health Service National Institutes of Health and estimated amounts appropriated by State and local governments for medical research.
[18] Includes only in-service training under auspices of National Institutes of Health, other units of U. S. Public Health Service, Children's Bureau. Excludes professional training of nurses, physicians, etc., and expenditures in State-supported medical schools.
[19] Expenditures under Vocational Rehabilitation Act other than for medical services.
[20] Veterans' Administration programs for vocational rehabilitation, automobiles and other conveyances for disabled veterans, and housing for paraplegic veterans.
[21] American Printing House for the Blind, Columbia Institute for the Deaf, Naval Home, veterans' homes, U. S. Soldiers' Home, and domiciliary care of veterans.

Source: Federal Security Agency, Social Security Administration; Division of Research and Statistics.

No. 271.—Selected Social Insurance and Related Programs—Estimated Pay Rolls in Covered Employment in Relation to Civilian Wages and Salaries: 1941 to 1948

[Amounts in millions of dollars. Data for calendar years, corrected to February 1, 1950]

PROGRAM	1941	1942	1943	1944	1945	1946	1947	1948
AMOUNT								
Total earnings [1]	78,212	104,928	132,378	145,921	148,920	146,457	160,807	178,131
All wages and salaries [1]	61,708	81,887	105,647	116,924	117,673	111,422	122,276	135,283
Civilian	59,846	75,557	91,202	96,286	95,075	103,460	118,325	131,373
Military	1,862	6,330	14,445	20,638	22,598	7,962	3,951	3,910
Pay rolls covered by retirement programs	52,475	67,722	81,604	86,387	85,399	93,829	107,938	119,275
Old-age and survivors insurance [2]	45,286	57,950	69,379	73,060	71,317	79,003	92,151	102,300
Railroad retirement [3]	2,687	3,382	4,085	4,507	4,514	4,866	5,107	5,485
Federal civil-service retirement [4]	1,912	3,600	5,100	5,600	5,800	5,200	4,900	4,500
State and local government [3]	2,590	2,790	3,040	3,220	3,768	4,760	[5] 5,780	[5] 6,990
Pay rolls covered by unemployment insurance programs	44,672	57,930	69,956	73,393	70,925	78,011	91,341	100,862
State unemployment insurance [3]	41,985	54,548	65,871	68,886	66,411	73,145	86,234	95,377
Railroad unemployment insurance [3]	2,687	3,382	4,085	4,507	4,514	4,866	5,107	5,485
PERCENT								
Civilian wages and salaries [1]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Pay rolls covered by retirement programs	87.7	89.6	89.5	89.7	89.8	90 7	91.2	90.8
Old-age and survivors insurance [2]	75.7	76.7	76.1	75.9	75.0	76.4	77.9	77.9
Railroad retirement [3]	4.5	4.5	4.5	4.7	4.7	4.7	4.3	4.2
Federal civil-service retirement [4]	3.2	4.8	5.6	5.8	6.1	5.0	4.1	3.4
State and local government [3]	4.3	3.7	3.3	3.3	4.0	4.6	4.9	5.3
Pay rolls covered by unemployment insurance programs	74.6	76.7	76.7	76.2	74.6	75.4	77.2	76.8
State unemployment insurance [3]	70.2	72.2	72.2	71.5	69.9	70.7	72.9	72 6
Railroad unemployment insurance [3]	4.5	4.5	4.5	4.7	4.7	4.7	4.3	4.2

[1] Data from Dept. of Commerce, Off Bus. Econ Total earnings include earnings of self-employed; all wages and salaries represent civilian wages and salaries in cash and in kind in continental U. S., and pay of Federal civilian and military personnel in all areas. Includes employee contributions under contributory systems.
[2] Continental United States only. [3] Includes Alaska and Hawaii.
[4] Includes Alaska, Hawaii, Alaska Railroad, and Panama Canal Zone. [5] Preliminary.

Source: Federal Security Agency, Social Security Administration, Division of Research and Statistics. Data appear periodically in Social Security Bulletin.

No. 272.—Federal Aid to States for Social Security and Other Purposes: Fiscal Years 1941 to 1948

[In thousands. On basis of checks issued. Includes grants to island possessions. Data from Annual Report of Secretary of Treasury on the State of the Finances, and other Treasury reports]

FISCAL YEAR	Total	SOCIAL SECURITY AND RELATED SERVICES				Education [4]	Public roads	Development and conservation of natural resources [5]
		Total	Assistance payments and administration [1]	Employment security administration [2]	Health and welfare services [3]			
1941	$715,349	$426,986	$329,845	$66,195	$30,946	$87,299	$171,042	$30,022
1942	779,198	464,710	374,568	55,544	34,598	125,515	157,911	31,062
1943	828,064	472,091	395,449	39,480	37,162	151,188	173,659	31,126
1944	[6] 825,093	533,822	429,458	35,294	69,070	112,735	[6] 144,120	34,416
1945	729,849	521,589	401,400	34,419	85,770	83,763	87,429	37,068
1946	757,874	611,501	421,196	55,726	134,580	34,319	74,529	37,526
1947	1,177,421	902,631	644.045	102,537	156,049	32,417	198,774	43,598
1948	1,404,695	1,008,980	731,989	133,610	143,381	32,286	318,457	44,973

[1] Old-age assistance, aid to dependent children, and aid to blind under Social Security Act.
[2] Unemployment insurance administration under Social Security Act; employment service under Wagner-Peyser Act, July 1939–Dec. 1941 and November 16, 1946, to date. Excludes expenditures for postage.
[3] Maternal and child health and welfare services; public health services; vocational rehabilitation; venereal disease control; State and Territorial homes for disabled soldiers and sailors; beginning 1942–43, emergency maternity and infant care; for 1942–43, community war services day care; and beginning 1945–46, school milk and lunch program; and for 1947–48, hospital survey and planning grants.
[4] Colleges for agricultural and mechanical arts; State marine schools; vocational education; education for the blind; agricultural extension services of land-grant colleges; and for 1943–46, training of defense workers.
[5] Forestry, wildlife restoration, agricultural experiment stations, and agricultural extension work.
[6] Includes $559,000 for Canal Zone for public roads.

Source: Federal Security Agency, Social Security Administration, Division of Research and Statistics; Social Security Yearbook, 1947, and records.

No. 273.—Federal Aid for Social Security and Other Purposes, by States, Territories, and Possessions: Fiscal Year 1948

[In thousands of dollars. See headnote and footnotes, table 272]

State and other area	Total	Social security and related services				Education	Public roads	Development and conservation of natural resources
		Total	Assistance payments and administration	Employment security administration	Health and welfare services			
Total	**1,404,695**	**1,008,980**	**731,989**	**133,610**	**143,381**	**32,286**	**318,457**	**44,973**
Alabama	26,877	19,034	11,727	2,282	5,024	832	5,485	1,527
Arizona	11,400	6,397	4,671	863	862	258	4,447	298
Arkansas	21,513	13,907	9,711	1,151	3,045	642	5,794	1,171
California	117,569	86,985	64,334	16,016	6,636	1,369	26,868	2,347
Colorado	21,834	16,921	14,654	944	1,323	358	3,865	691
Connecticut	11,553	8,374	4,922	2,031	1,421	377	2,450	353
Delaware	2,768	1,238	432	312	494	242	1,095	193
District of Columbia	[1] 4,823	2,834	1,213	964	657	112	1,877	----------
Florida	31,428	25,570	20,323	1,851	3,397	428	4,500	930
Georgia	30,531	21,668	14,118	1,912	5,639	878	6,497	1,487
Idaho	8,185	4,758	3,415	651	691	289	2,583	555
Illinois	68,715	57,732	44,962	6,793	5,977	1,357	8,566	1,060
Indiana	28,688	20,276	14,612	2,493	3,171	757	6,756	899
Iowa	26,939	17,758	14,478	1,274	2,006	672	7,556	952
Kansas	26,760	14,213	11,328	1,153	1,732	497	11,351	699
Kentucky	23,524	15,310	9,761	1,386	4,163	809	6,208	1,196
Louisiana	24,405	19,275	13,659	1,647	3,969	625	3,307	1,108
Maine	8,483	5,910	4,228	801	881	287	1,816	470
Maryland	13,165	9,581	5,278	2,143	2,160	393	2,665	526
Massachusetts	40,272	35,339	27,231	5,416	2,692	696	3,804	433
Michigan	56,704	44,396	31,907	7,301	5,187	1,133	9,756	1,419
Minnesota	34,758	22,613	17,910	2,271	2,432	721	10,236	1,188
Mississippi	21,232	12,152	6,521	1,205	4,427	749	6,875	1,456
Missouri	52,423	42,937	37,675	2,121	3,140	897	7,279	1,310
Montana	10,184	5,146	3,864	556	726	246	4,243	548
Nebraska	16,130	10,452	8,470	742	1,240	406	4,576	696
Nevada	4,455	1,353	668	431	254	188	2,697	217
New Hampshire	4,996	3,568	2,325	641	602	233	896	299
New Jersey	23,492	15,827	7,676	5,548	2,603	668	6,488	509
New Mexico	10,844	5,248	3,660	530	1,058	239	4,872	485
New York	88,520	75,702	49,359	18,769	7,575	2,089	9,548	1,180
North Carolina	28,940	18,246	10,036	2,284	5,927	1,052	7,926	1,716
North Dakota	8,227	4,080	2,956	376	748	228	3,417	501
Ohio	60,402	50,147	38,887	6,023	5,238	1,334	7,711	1,210
Oklahoma	48,735	40,833	36,535	1,399	2,899	656	6,224	1,021
Oregon	19,423	9,802	6,789	1,739	1,275	320	8,105	1,195
Pennsylvania	74,090	52,969	36,357	10,216	6,397	1,701	18,071	1,349
Rhode Island	6,147	4,987	3,254	1,035	698	228	738	194
South Carolina	18,590	11,994	6,640	1,211	4,143	637	4,707	1,252
South Dakota	9,776	4,015	3,266	342	407	246	4,985	529
Tennessee	29,921	20,260	13,931	2,166	4,163	844	7,584	1,233
Texas	97,222	61,383	49,107	4,583	7,693	1,696	32,014	2,129
Utah	10,315	5,916	3,980	785	1,150	261	3,762	377
Vermont	4,787	2,812	1,819	465	528	245	1,443	288
Virginia	18,999	9,446	4,261	1,505	3,678	737	7,613	1,203
Washington	36,425	28,449	23,408	3,180	1,861	436	6,237	1,303
West Virginia	16,018	11,564	7,424	1,219	2,921	492	3,065	897
Wisconsin	25,702	19,986	15,425	1,825	2,736	671	3,860	1,185
Wyoming	6,730	1,996	1,349	331	315	250	4,140	345
Alaska	1,266	1,155	404	277	474	50	21	40
Hawaii	3,826	2,208	1,067	285	856	240	1,105	273
Puerto Rico	5,798	4,069	----------	168	3,901	516	684	529
Virgin Islands	188	188	----------	----------	188	----------	----------	----------

[1] Excludes annual lump-sum payment by Federal Government to defray part of local expenses for use of District as seat of government.

Source: Federal Security Agency, Social Security Administration, Division of Research and Statistics.

No. 274.—Social Insurance and Related Programs—Beneficiaries and Payments: 1943 to 1948

[Beneficiaries in thousands; payments in thousands of dollars. Corrected to Dec. 30, 1949]

PROGRAM	1943	1944	1945	1946	1947	1948
Beneficiaries, average monthly number: [1]						
Federal retirement, disability and survivor programs:						
Monthly retirement and disability benefits: [2]						
Social Security Act [3]	386.1	463 4	591.8	842.7	1,068.1	1,294.9
Railroad Retirement Act [4]	156 6	160.6	167.9	180.6	196.9	218.9
Veterans' Administration [5]	627.9	816 0	1,207 2	2,072 6	2,345.3	2,311.8
Civil Service Commission [6]	74 8	79 9	88 4	99 8	114.1	128.8
Monthly survivor benefits:						
Social Security Act [7]	304 3	402 8	533 5	661 0	767.4	872.4
Railroad Retirement Act [8]	4.0	4.2	4 4	4.5	40.5	101.6
Veterans' Administration [9]	314.9	342.0	542.1	790.5	901.5	950.0
Civil Service Commission [10]						3 3
Lump-sum death payments: [11]						
Social Security Act	10.2	12.7	14.9	15.0	15 2	16.7
Railroad Retirement Act	1.3	1.4	1.7	1 6	1.4	2.3
Veterans' Administration [12]	3.7	4 0	4.2	5.1	7.4	7.4
Civil Service Commission	.9	1 1	1.8	2.0	1.4	1.0
State unemployment insurance [13]	115.5	79.3	465.0	1,152 2	852.4	821.1
Veterans' unemployment allowances [14]		10.1	88 9	1,359 3	760.6	434.9
R. R. Unemployment Insurance Act [15]	1.5	.8	3 3	52.7	52.6	38.2
State and local retirement systems [16]	182.6	195.5	208.0	224 0	240.0	253.0
State temporary disability insurance [13]	4.6	5.9	5.4	5.8	23.0	24.2
Railroad sickness insurance [15]					23.6	33.2
Refunds under Civil Service Commission	17.0	58.7	71 5	133.3	56.9	22.6
Veterans' self-employment allowances [14]		.6	12.1	229 4	181.3	78.6
Payments, total	**1,498,173**	**1,767,442**	**2,794,226**	**6,080,388**	**5,615,935**	**5,410,940**
Federal retirement, etc., programs, total: [17]						
Monthly retirement and disability benefits: [2]						
Social Security Act [3]	97,257	119,009	157,391	230,285	299,830	366,887
Railroad Retirement Act [4]	125,795	129,707	137,140	149,188	177,053	208,642
Veterans' Administration [5]	331,350	456,279	697,830	1,268,984	1,676,029	1,711,182
Civil Service Commission [6]	72,961	78,081	85,742	96,418	108,691	134,886
Monthly survivor benefits:						
Social Security Act [7]	57,763	76,942	104,231	130,139	153,109	176,736
Railroad Retirement Act [8]	1,704	1,765	1,772	1,817	19,283	36,011
Veterans' Administration [9]	116,133	144,302	254,238	333,640	382,515	413,912
Civil Service Commission [10]						918
Lump-sum death payments: [11]						
Social Security Act	17,830	22,146	26,135	27,267	29,517	32,315
Railroad Retirement Act	5,560	6,591	8,138	9,127	6,114	8,914
Veterans' Administration [12]	4,350	4,784	5,049	7,491	13,270	12,358
Civil Service Commission	7,344	7,863	10,244	13,992	13,732	10,869
Fed. and State unempl. programs, total:						
State unemployment insurance [13]	79,643	62,385	445,866	1,094,850	776,164	793,265
Veterans' unemployment allowances [14]		4,113	114.955	1,491,294	772,368	426,569
R. R. Unemployment Insurance Act [15]	917	582	2,359	39,917	39,401	29,599
State and local retirement systems [16]	210,000	218,000	235,000	255,000	275,000	300,500
Workmen's compensation (Federal and State) [18]	355,900	387,600	410,800	435,200	487,400	536,500
State temporary disability insurance [13]	2,857	5,035	4,669	4,761	22,025	26,272
Railroad sickness insurance [15]					11,368	30,843
Refunds under Civil Service Commission	10,809	42,156	80,992	238,594	155,892	70,664
Veterans' self-employment allowances [14]		102	11,675	252,424	197,174	83,598

[1] See table 310 for data on Federal retirement systems other than Civil Service.
[2] Old-age retirement benefits under all acts, disability retirement benefits under Railroad Retirement and Civil Service Retirement Acts, and disability payments to veterans.
[3] Primary and supplementary (wife's and child's) benefits in current-payment status, and amounts certified, minus cancellations. Partly estimated.
[4] Age and disability annuitants and pensioners. Payments represent amounts certified, minus cancellations.
[5] Veterans receiving pensions and compensation.
[6] Civil service, Canal Zone, and Alaska R. R. retirement and disability funds administered by C. S. C.
[7] Widow's, widow's current, parent's, and child's benefits in current-payment status and amounts certified, minus cancellations. Partly estimated.
[8] Widow's, widow's current, child's, parent's, and survivor option. Amounts certified, minus cancellations.
[9] Widows, parents, and children of deceased veterans, and amount of payments. [10] Last 6 months of 1948.
[11] For decedents on whose account lump-sum payments were certified. [12] For burial of deceased veterans.
[13] Average weekly number. Amounts adjusted for voided benefit checks. State sickness insurance in Rhode Island and California; excludes voluntary plans in California.
[14] Under Servicemen's Readjustment Act, effective September 1944. Beneficiaries are average weekly number.
[15] Average number of persons receiving benefits in a 14-day registration period. Amounts adjusted for underpayments and recoveries of overpayments.
[16] Beneficiaries as of June. Payments include lump-sum survivor benefits and refunds. Data estimated; for 1948, preliminary.
[17] Data represent payments to individuals and exclude cost of administration.
[18] Data estimated. Includes payments for medical care. Number of beneficiaries not available.

Source: Federal Security Agency, Social Security Administration, Division of Research and Statistics. Data appear periodically in Social Security Bulletin.

No. 275.—Old-Age and Survivors Insurance—Employee Accounts Established, Workers with Wage Credits, and Amount of Taxable Wages; All Workers Employed in Covered Industries and Amount of Total Wages: 1937 to 1949

[Data corrected to February 1, 1950]

Calendar year or quarter	Employee accounts established (thousands) [1]	Workers with wage credits during period (thousands) [2]	Taxable wages [3]		All workers employed in covered industries during period (thousands) [4]	Total wages in covered industries [5]	
			Total (millions)	Average per worker		Total (millions)	Average per worker
1937	[6] 37,139	32,904	$29,615	$900	32,904	$32,770	$996
1938	6,304	31,822	26,502	833	31,822	29,026	912
1939	5,555	33,751	29,745	881	33,751	32,222	955
1940	5,227	35,393	32,974	932	35,393	35,668	1,008
1941	6,678	40,976	41,848	1,021	40,976	45,463	1,110
1942	7,638	46,363	52,939	1,142	46,363	58,219	1,256
1943	7,426	47,656	62,423	1,310	47,656	69,653	1,462
1944	4,537	46,296	64,426	1,392	46,296	73,349	1,584
1945	3,321	46,392	62,945	1,357	46,392	71,560	1,543
1946	3,022	48,845	69,088	1,414	48,845	79,260	1,623
1947 [7]	2,728	48,900	78,372	1,603	48,900	92,449	1,891
1948 [7]	2,720	49,300	84,188	1,708	49,300	102,385	2,077
1949 [7]	2,340	49,000	84,000	1,714	49,000	102,500	2,092
1948 [7]							
January–March	473	39,560	23,080	583	39,560	23,931	605
April–June	759	40,245	22,708	564	40,545	24,654	608
July–September	858	40,600	21,200	522	41,800	25,800	617
October–December	631	36,800	17,200	467	42,000	28,000	667
1949 [7]							
January–March	429	38,800	23,500	606	38,800	24,400	629
April–June	616	39,300	22,500	573	39,600	24,500	619
July–September	755	39,500	20,500	519	40,500	25,300	625

[1] Exclude numbers under railroad-retirement program.
[2] Partly estimated; adjusted for workers having more than 1 account. Quarterly data unadjusted for workers employed during quarter but not reported after quarter in which they received their first $3,000 in year.
[3] Unadjusted for nontaxable wages erroneously reported and wages excluded in benefit computations. Wages in excess of $3,000 a year paid to worker by any 1 employer are not taxable. Beginning 1940, all wages in excess of $3,000 a year received by a worker are excluded in benefit computations.
[4] Partly estimated; adjusted for workers having more than 1 account. Quarterly data adjusted for workers employed during quarter but not reported after quarter in which they received their first $3,000 in year.
[5] Includes all wages in covered industries of workers earning over $3,000 a year.
[6] Includes 17,202,000 accounts established in 1936.
[7] Preliminary estimate, except employee accounts established.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance. Data appear periodically in Social Security Bulletin.

No. 276.—Old-Age and Survivors Insurance—Amount of Payments Certified: 1941 to 1949

[In thousands. Data corrected to Jan. 26, 1950]

Type	1941	1942	1943	1944	1945	1946	1947	1948	1949
Total payments	$93,923	$137,045	$172,849	$218,097	$287,757	$387,691	$482,457	$575,938	$689,010
Payments under 1939 and 1946 amendments:									
Monthly benefits, total [1]	80,595	122,007	155,019	195,951	261,622	360,424	452,939	543,623	655,852
Primary	46,998	68,320	82,779	101,285	133,768	196,078	255,202	312,534	387,765
Wife's	7,038	10,645	13,216	16,454	21,935	32,011	41,523	50,595	62,331
Child's	14,671	23,414	31,939	41,928	56,077	69,419	81,591	91,938	101,868
Widow's	2,747	5,784	9,721	14,517	20,883	28,642	37,677	48,907	61,446
Widow's current	8,865	13,400	16,759	21,017	28,005	33,119	35,315	37,697	40,223
Parent's	277	445	605	751	954	1,155	1,632	1,952	2,220
Lump-sum [2]	13,149	14,959	17,798	22,124	26,115	27,251	29,511	32,315	33,158
Lump-sum payments under 1935 act [3]	180	79	32	22	19	16	6	(4)	(4)

[1] Distribution by type estimated. Monthly benefits certified do not represent annual or monthly benefits in current-payment status. Data include retroactive payments.
[2] Payable with respect to workers who died after December 1939, if no survivor could be entitled to monthly benefits for month in which worker died.
[3] Payable with respect to workers who died prior to January 1940; payable prior to Aug. 10, 1939, to workers upon attainment of age 65. [4] Less than $500.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance.

No. 277.—Old-Age and Survivors Insurance—Number and Amount of Monthly Benefits, by Type: 1943 to 1949

[Amounts in thousands. Data corrected to Jan. 26, 1950]

YEAR	Total	Primary	Wife's	Child's	Widow's	Widow's current	Parent's
CURRENT-PAYMENT STATUS, END OF YEAR [1]							
Number:							
1943	747,816	306,161	92,174	229,230	46,133	70,171	3,947
1944	954,881	378,471	115,636	298,108	67,806	89,927	4,933
1945	1,288,107	518,234	159,168	390,134	93,781	120,581	6,209
1946	1,642,299	701,705	215,984	461,756	127,046	128,410	7,398
1947	1,978,245	874,724	269,174	524,783	164,309	135,229	10,026
1948	2,314,557	1,047,985	320,928	581,265	210,253	142,223	11,903
1949	2,742,808	1,285,893	390,583	639,437	261,336	152,121	13,438
Amount:							
1943	$13,510	$7,171	$1,151	$2,822	$930	$1,384	$52
1944	17,344	8,980	1,460	3,691	1,367	1,781	65
1945	23,801	12,538	2,040	4,858	1,893	2,391	81
1946	31,081	17,230	2,805	5,804	2,568	2,577	97
1947	38,277	21,779	3,545	6,702	3,352	2,764	135
1948	45,872	26,564	4,307	7,549	4,331	2,959	162
1949	56,074	33,437	5,376	8,427	5,442	3,207	185
AWARDS DURING YEAR							
Number:							
1943	262,865	89,070	31,916	85,619	19,576	35,420	1,264
1944	318,949	110,097	40,349	99,676	24,759	42,649	1,419
1945	462,463	185,174	63,068	127,514	29,844	55,108	1,755
1946	547,150	258,980	88,515	114,875	38,823	44,190	1,767
1947	572,909	271,488	94,189	115,754	45,249	42,807	3,422
1948	596,201	275,903	98,554	118,955	55,667	44,276	2,846
1949	682,245	337,276	117,356	118,919	62,929	43,089	2,676
Amount:							
1943	$4,778	$2,183	$409	$1,070	$394	$705	$17
1944	5,852	2,709	518	1,258	498	852	19
1945	8,805	4,650	822	1,614	602	1,094	23
1946	10,972	6,584	1,172	1,493	785	914	24
1947	11,881	7,114	1,282	1,570	939	928	48
1948	12,748	7,489	1,392	1,667	1,171	989	41
1949	15,343	9,575	1,726	1,688	1,346	969	39
ENTITLEMENTS TERMINATED DURING YEAR [2]							
Number:							
1943	69,089	23,286	11,394	20,648	1,666	11,799	296
1944	87,770	28,957	14,263	26,433	2,592	15,119	406
1945	109,353	34,740	17,259	33,578	3,464	19,834	478
1946	148,474	47,709	24,027	41,532	4,986	29,638	582
1947	181,718	60,244	30,572	51,128	7,404	31,595	775
1948	216,664	75,079	38,413	60,522	8,999	32,701	950
1949	240,055	87,118	44,331	63,980	11,474	32,009	1,143
Amount:							
1943	$1,209	$549	$140	$255	$33	$228	$4
1944	1,550	687	176	333	51	297	5
1945	1,856	760	204	425	68	392	6
1946	2,584	1,078	293	522	98	585	8
1947	3,203	1,395	380	641	145	632	10
1948	3,923	1,781	488	785	178	677	13
1949	4,431	2,098	570	842	228	677	16

[1] Benefit is subject to no deduction or only to deduction of fixed amount which is less than current month's benefit.

[2] Including net adjustments. Benefit is terminated when a beneficiary dies or loses entitlement to a benefit for some other reason. Adjustments result from operation of maximum and minimum provisions, recomputations, and from other administrative actions.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance. Data appear periodically in Social Security Bulletin.

No. 278.—Old-Age and Survivors Insurance—Estimated Number of Employers Reporting Taxable Wages, Their Pay-Period Employment and Amount of Taxable Wages, by Size of Firm, for Selected Periods: 1938 to 1948

[Data corrected to Feb. 1, 1950]

Size of firm [1]	1938 January–March	1939 July–September	1940 July–September	1942 July–September	1945 January–March	1946 January–March	1947 January–March	1948 January–March [2]
EMPLOYERS (thousands) [3]								
Total	**1,880.0**	**2,065.0**	**2,167.0**	**2,119.0**	**2,001.0**	**2,280.0**	**2,486.7**	**2,590.0**
0	30.5	33.4	31 9	36.6	23 3	29.2	40.4	42 3
1–3	1,132 6	1,213.3	1,235 2	1,287 2	1,174 3	1,288 0	1,415 7	1,486 4
4–7	364.4	411.4	447 9	402 4	404.0	482.1	519 6	536 3
8–19	204.0	232.8	259 8	222 4	233 4	293.3	314 8	324.3
20–49	90 0	104.2	115.6	95 7	100.5	115 9	121.6	125.2
50–99	30.1	35.7	39.3	34.4	34.0	38.1	39.6	40.2
100–999	26.6	32.1	35.0	36.9	28.7	30.8	32.2	32.3
100–499	23 9	28.8	31.4	(4)	25.6	27.7	28.9	29 0
500–999	2.7	3.3	3.6	(4)	3.2	3.1	3 3	3.3
1,000 or more	1 9	2.2	2.4	3.3	2.8	2.7	3.0	3.0
1,000–9,999	1.8	2.0	2.2	(4)	2.6	2.5	2.8	2.8
10,000 or more	.1	.1	.1	(4)	.2	.2	.2	.2
PAY PERIOD EMPLOYMENT (thousands) [5]								
Total	**23,288**	**26,794**	**28,916**	**34,178**	**32,803**	**32,483**	**35,057**	**35,850**
0	0	0	0	0	0	0	0	0
1–3	1,815	1,902	1,905	2,126	1,949	2,194	2,382	2,494
4–7	1,808	1,967	2,087	2,020	2,078	2,507	2,650	2,735
8–19	2,346	2,571	2,784	2,568	2,759	3,496	3,704	3,827
20–49	2,609	2,918	3,142	2,825	3,018	3,483	3,599	3,704
50–99	1,994	2,281	2,435	2,287	2,322	2,611	2,676	2,723
100–999	6,355	7,425	7,872	9,350	7,502	7,738	8,051	8,052
100–499	4,572	5,341	5,666	(4)	5,269	5,581	5,782	5,772
500–999	1,783	2,085	2,206	(4)	2,233	2,157	2,269	2,280
1,000 or more	6,361	7,729	8,691	13,002	13,177	10,454	11,995	12,315
1,000–9,999	4,060	4,783	5,220	(4)	6,554	6,183	6,794	6,802
10,000 or more	2,301	2,946	3,470	(4)	6,623	4,270	5,201	5,513
TAXABLE WAGES (millions) [6]								
Total	**$6,580**	**$7,445**	**$8,222**	**$13,786**	**$17,938**	**$16,840**	**$20,805**	**$23,080**
0	14	15	15	26	23	18	28	35
1–3	388	385	390	538	662	779	950	1,061
4–7	437	444	477	587	793	1,010	1,193	1,313
8–19	610	642	698	871	1,148	1,614	1,917	2,117
20–49	727	763	831	1,019	1,408	1,800	2,086	2,295
50–99	555	594	651	840	1,165	1,386	1,595	1,733
100–999	1,807	1,958	2,174	3,590	3,981	4,181	4,979	5,426
100–499	1,276	1,388	1,533	(4)	2,740	2,992	3,542	3,840
500–999	531	570	641	(4)	1,242	1,190	1,437	1,586
1,000 or more	2,042	2,644	2,986	6,315	8,759	6,052	8,057	9,100
1,000–9,999	1,327	1,565	1,710	(4)	4,043	3,570	4,534	4,966
10,000 or more	715	1,079	1,276	(4)	4,715	2,483	3,523	4,134

[1] Measured by employer's pay period employment as defined in note 5.
[2] Preliminary.
[3] An employer is a legal entity, such as a corporation, partnership, or single ownership, for which a single tax return is filed.
[4] Data not available.
[5] Total number of persons employed during one specified pay period by employers reporting taxable wages for selected quarter, namely, last pay period in March 1938 and September 1939–42, and pay period ending nearest middle of March 1945–48, respectively.
[6] Wages paid by employers for covered employment during specified quarters, excluding wages over $3,000 paid by any one employer to any one employee in a calendar year.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance.

No. 279.—Old-Age and Survivors Insurance—Wages and Percentage Distribution of Workers, by Specified Characteristic: 1945, 1946, and 1947

[Data are estimated; corrected to Feb. 1, 1950]

Characteristic	1945	1946	1947
MEDIAN WAGES			
All workers [1]	**$1,159**	**$1,276**	**$1,560**
Male	1,654	1,688	2,060
Female	770	762	910
4-quarter workers [2]	$2,018	$2,067	$2,340
Male	2,257	2,436	2,730
Female	1,347	1,447	1,600
1 to 3-quarter workers [3]	$265	$331	$360
Male	280	406	440
Female	230	247	280
PERCENTAGE DISTRIBUTION OF WORKERS			
All workers [1]	**100.0**	**100.0**	**100.0**
Male	62.1	65.9	67.1
Female	37.9	34.1	32.9
4-quarter workers [2]	57.4	57.8	62.2
Male	37.8	40.4	45.0
Female	19.6	17.4	17.2
1 to 3-quarter workers [3]	42.6	42.2	37.8
Male	24.3	25.5	22.1
Female	18.3	16.7	15.7

Characteristic	1945	1946	1947
PERCENTAGE DISTRIBUTION OF WORKERS—continued			
Age group [4]	**100.0**	**100.0**	**100.0**
Under 20	13.6	11.5	10.7
20–24	12.7	15.3	15.6
25–29	12.0	13.9	13.9
30–34	11.8	12.4	12.3
35–39	11.4	11.1	11.1
40–44	10.0	9.5	9.7
45–49	8.8	7.9	8.1
50–54	7.1	6.6	6.6
55–59	5.6	5.1	5.3
60–64	3.8	3.7	3.7
65 and over	3.3	3.1	3.1
Amount of wage credits	**100.0**	**100.0**	**100.0**
$1–$199	18.7	16.0	13.4
$200–$399	9.8	9.1	7.9
$400–$599	6.9	6.8	6.1
$600–$799	5.5	5.7	5.1
$800–$999	5.0	5.2	4.5
$1,000–$1,199	5.1	5.1	4.5
$1,200–$1,399	5.2	5.2	4.7
$1,400–$1,599	5.0	5.3	4.7
$1,600–$1,799	4.5	5.1	4.7
$1,800–$1,999	4.2	4.9	4.8
$2,000–$2,199	3.8	4.4	4.6
$2,200–$2,399	3.5	4.1	4.3
$2,400–$2,599	3.2	3.6	4.0
$2,600–$2,799	3.0	3.2	3.9
$2,800–$2,999	2.8	2.8	3.6
$3,000	13.7	13.3	19.2

[1] Workers with $1 or more in wages during calendar year.
[2] Workers with $1 or more in wages in each calendar quarter of year.
[3] Workers with $1 or more in wages in 1, 2 or 3 calendar quarters of year.
[4] Age at birthday in specified year.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance.

No. 280.—Old-Age and Survivors Insurance—Percentage Distribution of Workers, by Amount of Wage Credits: 1947

[Data corrected to Feb 1, 1950]

Amount of wage credits	Workers with wage credits in 1947				
	Total	With wage credits in—			
		1 quarter only	2 quarters only	3 quarters only	4 quarters
Estimated number, total (thousands) [1]	48,900	6,000	5,900	6,600	30,400
Percentage distribution total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
$1–$199	13.4	73.3	27.2	6.8	.3
$200–$399	7.9	17.5	27.2	12.1	1.3
$400–$599	6.1	5.8	19.6	12.9	2.0
$600–$799	5.1	1.7	11.9	12.9	2.8
$800–$999	4.5	.8	6.0	11.4	3.5
$1,000–$1,199	4.5	.3	2.6	9.8	4.4
$1,200–$1,399	4.7	.1	1.7	8.3	5.4
$1,400–$1,599	4.7	.1	.9	6.8	5.9
$1,600–$1,799	4.7	.1	.9	4.5	6.4
$1,800–$1,999	4.8	.1	.9	3.8	6.7
$2,000–$2,199	4.6	(2)	.4	3.0	6.6
$2,200–$2,399	4.3	(2)	.3	2.3	6.4
$2,400–$2,599	4.0	(2)	.2	1.5	6.1
$2,600–$2,799	3.9	(2)	.2	1.5	5.9
$2,800–$2,999	3.6	(2)	.1	1.5	5.4
$3,000	19.2	(2)	.2	.8	30.8

[1] Preliminary estimate. [2] Less than 0.05 percent.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance.

No. 281.—Old-Age and Survivors Insurance—Individual Beneficiaries and Benefits, by States and Territories: 1948

[**In thousands.** Distribution by State estimated; data corrected to Mar. 15, 1949]

State and territory	Benefits in current-payment status, Dec. 31, 1948		Amount of payments certified in 1948					Number of lump-sum payments certified in 1948 [3]
			Total	Monthly benefits [1]			Lump-sum payments [2]	
	Number	Monthly amount		Primary	Supplementary	Survivor		
Total	**2,314.6**	**$45,872**	**$575,938**	**$312,534**	**$54,353**	**$176,736**	**$32,315**	**213.1**
Alabama	34.2	533	6,652	2,942	459	2,918	333	2.6
Arizona	8.6	160	1,919	928	152	756	83	.6
Arkansas	16.5	246	3,076	1,509	248	1,163	156	1.2
California	176.7	3,755	45,957	28,070	4,533	10,939	2,415	15.4
Colorado	17.5	341	4,216	2,372	413	1,219	212	1.5
Connecticut	45.3	1,018	12,773	7,330	1,331	3,411	701	4.2
Delaware	5.7	120	1,502	864	155	419	64	.4
District of Columbia	8.9	176	2,200	1,195	178	726	191	1.4
Florida	43.2	833	9,922	5,962	1,032	2,497	431	3.2
Georgia	32.7	492	6,251	2,683	412	2,770	386	3.1
Idaho	6.4	113	1,415	769	121	442	83	.5
Illinois	145.5	3,064	38,911	21,070	3,671	11,454	2,716	17.2
Indiana	66.3	1,287	16,103	8,684	1,610	4,909	900	6.1
Iowa	28.9	518	6,547	3,584	682	1,955	326	2.4
Kansas	22.1	395	4,933	2,776	513	1,414	230	1.6
Kentucky	36.0	598	7,528	3,412	571	3,169	376	2.6
Louisiana	24.8	407	5,210	2,303	340	2,262	305	2.4
Maine	21.3	403	4,995	2,933	512	1,336	214	1.6
Maryland	33.0	642	8,175	4,118	682	2,854	521	3.5
Massachusetts	115.2	2,480	30,719	17,983	3,223	8,025	1,488	9.3
Michigan	102.6	2,129	26,915	13,656	2,512	9,121	1,626	10.0
Minnesota	34.9	689	8,674	4,778	873	2,565	458	3.1
Mississippi	13.9	195	2,430	1,027	160	1,103	140	1.1
Missouri	54.8	1,056	13,327	7,447	1,314	3,843	723	5.0
Montana	7.2	140	1,781	969	152	561	99	.7
Nebraska	12.0	215	2,717	1,512	270	789	146	1.1
Nevada	2.0	40	522	294	30	148	50	.4
New Hampshire	12.8	247	3,068	1,834	307	776	151	1.1
New Jersey	97.5	2,144	27,060	14,992	2,731	7,657	1,680	10.2
New Mexico	4.6	74	898	355	55	451	37	.3
New York	274.5	5,768	73,023	41,324	7,001	20,152	4,546	29.0
North Carolina	38.6	581	7,370	3,034	473	3,392	471	3.6
North Dakota	2.9	50	630	326	54	222	28	.2
Ohio	149.4	3,100	39,201	21,236	4,032	11,707	2,226	14.2
Oklahoma	20.9	364	4,576	2,294	376	1,684	222	1.4
Oregon	29.9	600	7,455	4,697	774	1,664	320	2.0
Pennsylvania	221.8	4,591	57,909	31,116	5,634	18,154	3,005	19.3
Rhode Island	20.0	424	5,251	3,139	558	1,303	251	1.6
South Carolina	20.0	286	3,617	1,394	218	1,790	215	1.8
South Dakota	4.0	70	891	440	81	322	48	.3
Tennessee	32.6	512	6,436	2,812	434	2,796	394	3.0
Texas	66.3	1,122	14,184	6,381	1,029	5,883	891	6.4
Utah	8.6	160	1,958	923	174	791	70	.5
Vermont	7.1	132	1,627	912	166	481	68	.5
Virginia	38.1	649	8,126	3,736	590	3,367	433	3.1
Washington	44.6	941	11,797	7,482	1,216	2,553	546	3.6
West Virginia	35.0	633	7,891	3,466	572	3,529	324	2.1
Wisconsin	51.4	1,024	12,968	6,980	1,344	3,877	767	4.9
Wyoming	2.7	53	675	371	52	204	48	.3
Alaska	.9	16	210	121	7	63	19	.2
Hawaii	5.7	101	1,244	673	74	459	38	.3
Foreign	8.8	182	2,413	1,326	252	691	144	1.0

[1] Distribution by type estimated. Supplementary benefits are paid to entitled wives and children of retired (primary) beneficiaries. Survivor benefits are paid to the following survivors of deceased insured workers: Aged widows, children, younger widows with child beneficiaries in their care, or dependent aged parents.

[2] Payable with respect to workers who died after December 1939, if no survivor could be entitled to monthly benefits for month in which worker died.

[3] Exceeds number of deceased workers with respect to whose wage records payments were certified.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance.

No. 282.—Old-Age and Survivors Insurance—Sample (1 Percent) of Workers With Wage Credits at Some Time in 1937–47, by Cumulative Wage Credits in 1937–47, Insurance Status January 1, 1948, and Age Group

[1-percent sample of all workers with wage credits identified for posting by July 1948; only partly adjusted for duplication of workers with more than 1 account. Includes workers who died during period 1937–47 and workers who became entitled to primary insurance benefits before January 1, 1948. Age represents age at birthday in 1947. Since data are derived from a sample they are subject to a sampling variation which may be large where figures shown are small. Because of mechanical processes and extent of adjustments for delayed wage records, data may differ slightly from corresponding data in other published tables. Data corrected to Feb. 1, 1950]

Cumulative wage credits and insurance status [1]	Total [2]	Age group							
		Under 20	20–24	25–34	35–44	45–54	55–59	60–64	65 and over
Total, 1-percent sample	**813,413**	**66,019**	**115,922**	**223,315**	**165,393**	**117,051**	**44,023**	**32,367**	**42,611**
$1–$99	73,634	13,021	8,818	17,240	11,090	8,409	3,398	2,557	4,310
$100–$299	61,273	12,438	10,059	14,527	9,256	6,680	2,580	2,021	3,093
$300–$599	56,379	10,759	10,471	13,808	8,546	5,889	2,241	1,723	2,724
$600–$1,099	62,870	10,293	13,196	16,050	9,476	6,421	2,411	1,829	3,001
$1,100–$1,999	76,380	9,626	17,117	21,320	11,572	7,672	2,950	2,161	3,776
$2,000–$3,299	78,290	6,122	18,281	23,877	12,620	8,068	3,003	2,258	3,902
$3,300–$6,599	128,283	3,487	26,927	43,633	23,053	14,942	5,593	4,198	6,211
$6,600–$9,899	77,287	255	8,638	28,698	17,058	10,978	4,104	3,086	4,328
$9,900–$13,199	51,286	12	1,983	17,610	13,915	8,914	3,253	2,559	2,969
$13,200–$16,499	38,511	1	387	11,044	11,973	7,787	2,850	2,096	2,331
$16,500–$19,799	31,162	1	44	7,093	10,435	7,199	2,584	1,993	1,786
$19,800–$26,399	50,035	3	1	7,531	18,011	13,449	5,073	3,421	2,526
$26,400–$32,999	23,674	1	[3]	866	7,705	8,785	3,148	1,907	1,259
$33,000 and over	4,349	[3]	[3]	18	683	1,858	835	558	395
Fully insured	**389,460**	**20,263**	**71,449**	**103,219**	**77,079**	**56,303**	**21,039**	**15,307**	**24,499**
$300–$599	430	174	140	10	[3]	1	3	1	101
$600–$1,099	7,616	3,181	3,622	172	21	18	8	8	585
$1,100–$1,999	23,627	7,266	12,482	1,990	98	91	65	70	1,556
$2,000–$3,299	33,903	5,889	17,302	7,144	479	398	204	197	2,282
$3,300–$6,599	73,713	3,480	26,851	26,053	5,839	3,841	1,519	1,230	4,848
$6,600–$9,899	58,521	255	8,638	24,650	10,524	6,243	2,367	1,803	3,957
$9,900–$13,199	45,412	12	1,982	16,778	11,831	7,133	2,584	2,143	2,891
$13,200–$16,499	37,142	1	387	10,918	11,488	7,323	2,666	1,997	2,323
$16,500–$19,799	31,090	1	44	7,090	10,412	7,178	2,575	1,980	1,784
$19,800–$26,399	50,000	3	1	7,530	18,003	13,440	5,068	3,415	2,520
$26,400–$32,999	23,662	1	[3]	866	7,703	8,781	3,145	1,905	1,258
$33,000 and over	4,344	[3]	[3]	18	681	1,856	835	558	394
Currently insured only	**64,107**	[4]	**87**	**20,052**	**19,455**	**13,865**	**5,213**	**3,724**	**1,544**
$300–$599	55	[4]	[3]	14	15	14	4	4	4
$600–$1,099	1,014	[4]	10	285	279	231	95	60	53
$1,100–$1,999	5,691	[4]	27	1,991	1,527	1,119	450	306	259
$2,000–$3,299	12,726	[4]	37	4,669	3,555	2,465	914	655	400
$3,300–$6,599	27,401	[4]	13	9,503	8,166	5,536	2,037	1,520	553
$6,600–$9,899	11,908	[4]	[3]	2,861	4,004	2,883	1,101	800	223
$9,900–$13,199	4,189	[4]	[3]	610	1,491	1,257	473	301	45
$13,200 and over	1,123	[4]	[3]	119	418	360	139	78	7
Uninsured	**359,846**	**45,756**	**44,386**	**100,044**	**68,859**	**46,883**	**17,771**	**13,336**	**16,568**
$1–$99	73,634	13,021	8,818	17,240	11,090	8,409	3,398	2,557	4,310
$100–$299	61,273	12,438	10,059	14,527	9,256	6,680	2,580	2,021	3,093
$300–$599	55,894	10,585	10,331	13,784	8,531	5,874	2,234	1,718	2,619
$600–$1,099	54,240	7,112	9,564	15,593	9,176	6,172	2,308	1,761	2,363
$1,100–$1,999	47,062	2,360	4,608	17,339	9,947	6,462	2,435	1,785	1,961
$2,000–$3,299	31,661	233	942	12,064	8,586	5,205	1,885	1,406	1,220
$3,300–$6,599	27,169	7	63	8,077	9,048	5,565	2,037	1,448	810
$6,600–$9,899	6,858	[3]	[3]	1,187	2,530	1,852	636	483	148
$9,900–$13,199	1,685	[3]	1	222	593	524	196	115	33
$13,200 and over	370	[3]	[3]	11	102	140	62	42	11

[1] A worker who is fully insured as of a given date (in this table, Jan. 1, 1948) is one who has had at least 6 calendar quarters of coverage and not less than 1 such quarter for each 2 calendar quarters elapsed after 1936 or after quarter in which he attained age 21, whichever is later, and up to but excluding quarter in which he died, attained age 65, or given date, whichever first occurred. A worker who is currently insured as of a given date is one who has had at least 6 quarters of coverage during the period consisting of the quarter of the date, or the quarter in which he died, and the 12 quarters immediately preceding such quarter. Uninsured workers are those who have some wage credits but are neither fully nor currently insured as of given date. A quarter of coverage is a calendar quarter in which the worker has been paid not less than $50 in taxable wages.

[2] Total includes 6,712 workers of unreported age not shown separately, of whom 302 were fully insured, 167 currently insured only, and 6,243 uninsured. Total excludes 41 workers for whom information was incomplete with respect to the characteristics reported in this table.

[3] No workers in sample cell. [4] Inapplicable under provisions of the Social Security Act.

Source: Federal Security Agency, Social Security Administration, Bureau of Old-Age and Survivors Insurance.

No. 283.—Unemployment Insurance—Workers With Wage Credits, Average Employment, and Total Wages by States and Territories: 1947 and 1948

[In thousands. Corrected to Jan. 31, 1950]

State and territory	1948 minimum coverage provisions for size of firm [1]	Workers with wage credits [2]		Average employment [3]		Wages [4]	
		1947	1948	1947	1948	1947	1948
Total		**45,600**	**45,900**	**32,277**	**33,091**	**$86,595,237**	**$96,115,009**
Alabama	8 in 20 weeks	741	743	416	429	893,450	998,315
Arizona	3 in 20 weeks	220	230	101	107	262,768	304,264
Arkansas	1 in 10 days	415	418	212	220	384,788	437,489
California	1 at any time [5]	4,350	4,182	2,460	2,515	7,460,387	8,042,166
Colorado	8 in 20 weeks	360	363	192	198	484,038	544,297
Connecticut	4 in 13 weeks	927	927	638	635	1,790,464	1,914,425
Delaware	1 in 20 weeks	168	182	89	93	241,446	268,584
District of Columbia	1 at any time	394	444	216	220	551,401	597,629
Florida	8 in 20 weeks [6]	824	800	379	391	866,157	955,792
Georgia	8 in 20 weeks	898	925	509	530	1,048,424	1,181,540
Idaho	1 at any time [7]	174	183	87	90	204,164	233,530
Illinois	6 in 20 weeks	3,506	3,506	2,375	2,383	7,024,543	7,744,953
Indiana	8 in 20 weeks	1,400	1,369	885	908	2,425,066	2,733,668
Iowa	8 in 15 weeks	591	618	333	345	806,237	921,465
Kansas	8 in 20 weeks [8]	419	437	227	240	557,751	642,768
Kentucky	4 in 3 quarters [9]	564	599	366	392	850,372	985,650
Louisiana	4 in 20 weeks	750	771	424	455	947,378	1,100,283
Maine	8 in 20 weeks	281	281	176	176	408,723	448,335
Maryland	1 at any time	905	861	551	566	1,335,330	1,467,497
Massachusetts	1 in 20 weeks	2,150	1,981	1,455	1,463	3,646,771	3,949,845
Michigan	8 in 20 weeks	2,370	2,417	1,574	1,605	4,823,532	5,369,084
Minnesota	1 in 20 weeks [10]	811	815	539	552	1,332,255	1,496,292
Mississippi	8 in 20 weeks	359	359	178	180	323,769	350,510
Missouri	do	1,169	1,179	762	779	1,920,696	2,139,021
Montana	1 in 20 weeks [11]	195	171	92	98	214,800	253,244
Nebraska	8 in 20 weeks [12]	274	274	156	162	367,803	414,645
Nevada	1 at any time [13]	100	96	37	38	107,913	114,635
New Hampshire	4 in 20 weeks	202	192	131	132	294,942	321,032
New Jersey	do	1,980	1,928	1,281	1,310	3,694,993	4,068,640
New Mexico	2 in 13 weeks [14]	188	176	82	89	184,228	221,775
New York	4 in 15 days	6,250	6,375	4,295	4,369	13,033,522	14,186,684
North Carolina	8 in 20 weeks	994	902	622	641	1,257,472	1,420,547
North Dakota	do	78	90	39	44	90,165	115,344
Ohio	3 in 1 day	3,370	3,162	2,177	2,216	6,087,160	6,757,506
Oklahoma	8 in 20 weeks	525	549	255	275	636,882	757,133
Oregon	4 in 1 day [15]	524	538	307	317	864,446	973,112
Pennsylvania	1 at any time	3,922	4,215	3,033	3,103	7,734,182	8,609,114
Rhode Island	4 in 20 weeks	340	335	238	240	595,480	649,983
South Carolina	8 in 20 weeks	491	496	301	317	585,075	686,064
South Dakota	do	82	95	48	52	107,051	132,094
Tennessee	do	804	841	491	499	1,061,662	1,174,879
Texas	do	2,053	2,113	1,100	1,189	2,676,960	3,203,717
Utah	1 at any time [16]	210	215	121	124	289,126	330,520
Vermont	8 in 20 weeks	107	106	64	64	146,219	158,032
Virginia	do	870	918	485	500	1,083,824	1,212,759
Washington	1 at any time	823	841	505	521	1,408,300	1,599,509
West Virginia	8 in 20 weeks	564	568	378	401	1,061,329	1,218,995
Wisconsin	6 in 18 weeks [17]	1,140	1,096	721	741	1,934,686	2,188,362
Wyoming	1 at any time [18]	109	119	51	56	125,834	155,872
Alaska	1 at any time	65	60	26	24	104,840	104,533
Hawaii	do	170	147	97	97	256,424	258,877

[1] Employer becomes subject to State unemployment insurance law when he has employed specified minimum number of workers on at least 1 day in each of specified number of weeks within current or preceding calendar year; coverage provisions shown are in effect for 1947 and 1948.

[2] Estimated number of different workers in each State who have earned wages in covered employment sometime during calendar year. Totals adjusted to eliminate duplication due to shifting of workers between States.

[3] Average of 12 monthly figures each of which is total of number of workers in covered employment in pay period of each type (weekly, semimonthly, etc.) ending nearest 15th of month.

[4] Total wages in covered employment for all pay periods ending in year.

[5] And wages of $100 in a calendar quarter.

[6] Or prior to July 1, 1947, wages of $5,000 in a calendar quarter of the current or preceding calendar year.

[7] And wages of $75 ($78 prior to July 1, 1947) in a calendar quarter. [8] Or 25 in 1 week.

[9] Wages of at least $50 to each of at least 4 workers during each of 3 calendar quarters.

[10] But 8 in 20 weeks for employers located outside the corporate limits of a city, village, or borough of 10,000 or more population. [11] Or wages of $500 in a calendar year. [12] Or wages of $10,000 in a calendar year.

[13] And wages of $225 in a calendar quarter. [14] Or wages of $450 in a calendar quarter.

[15] And wages of $500 in same calendar quarter. [16] And wages of $140 in a calendar quarter.

[17] Or wages of $6,000 in preceding calendar year. Includes employers with wages of $10,000 in a calendar quarter toward which not more than $1,000 per employee need be counted. [18] And wages of $500 in a calendar year.

Source: Department of Labor, Bureau of Employment Security.

No. 284.—Unemployment Insurance—Average Employment and Total Wages, by Major Industry Group: 1947

[In thousands. Data corrected to Oct. 31, 1949]

Industry division and major industry group [1]	Average employment		Wages	
	Number of workers [2]	Percent of total, all industries	Amount [3]	Percent of total, all industries
Total, all industries	**32,277**	**100.0**	**$86,595,237**	**100.0**
Agriculture, forestry, and fishing, total	**66**	**.2**	**162,006**	**.2**
Farms	12	(4)	29,146	(4)
Agriculture and similar service establishments	39	.1	79,670	.1
Forestry	1	(4)	2,051	(4)
Fishing	14	(4)	51,139	.1
Mining, total	**914**	**2.8**	**2,873,731**	**3.3**
Metal mining	99	.3	298,656	.3
Anthracite mining	80	.2	250,294	.3
Bituminous and other soft-coal mining	424	1.3	1,367,970	1.6
Crude-petroleum and natural-gas production	219	.7	708,803	.8
Nonmetallic mining and quarrying	92	.3	248,008	.3
Contract construction total	**1,823**	**5.6**	**5,361,973**	**6.2**
Building construction—general contractors	703	2.2	1,955,947	2.3
General contractors, other than building	383	1.2	1,140,404	1.3
Construction—special-trade contractors	737	2.3	2,265,622	2.6
Manufacturing, total	**15,037**	**46.6**	**42,141,357**	**48.7**
Ordnance and accessories	30	.1	87,757	.1
Food and kindred products	1,521	4.7	4,085,052	4.7
Tobacco manufactures	99	.3	193,927	.2
Textile-mill products	1,323	4.1	3,083,706	3.6
Apparel and other finished products of fabrics	1,116	3.5	2,586,711	3.0
Lumber and wood products (except furniture)	784	2.4	1,647,372	1.9
Furniture and fixtures	333	1.0	851,269	1.0
Paper and allied products	463	1.4	1,346,474	1.6
Printing, publishing, and allied industries	675	2.1	2,199,160	2.5
Chemicals and allied products	686	2.1	2,150,843	2.5
Products of petroleum and coal	234	.7	845,417	1.0
Rubber products	265	.8	818,271	.9
Leather and leather products	404	1.3	932,686	1.1
Stone, clay, and glass products	492	1.5	1,324,240	1.5
Primary metal industries	1,222	3.8	3,823,971	4.4
Fabricated metal products (except ordnance, machinery, and transportation equipment)	995	3.1	2,940,339	3.4
Machinery (except electrical)	1,514	4.7	4,722,528	5.5
Electrical machinery, equipment, and supplies	912	2.8	2,623,720	3.0
Transportation equipment	1,261	3.9	3,961,284	4.6
Professional, scientific, and controlling instruments; photographic and optical goods; watches and clocks	262	.8	749,722	.9
Miscellaneous manufacturing industries	446	1.4	1,166,908	1.3
Transportation,[5] communication, and other public utilities, total	**2,450**	**7.6**	**6,813,495**	**7.9**
Local railways and bus lines	182	.6	542,643	.6
Trucking and warehousing for hire	488	1.5	1,290,994	1.5
Other transportation, except water transportation	306	.9	814,757	.9
Water transportation	171	.5	610,409	.7
Services allied to transportation, n. e. c.	173	.5	440,521	.5
Communication: Telephone, telegraph, and related services	637	2.0	1,657,672	1.9
Utilities: Electric and gas	471	1.5	1,407,225	1.6
Local utilities and local public services, n. e. c.	22	.1	49,274	.1

See footnotes at end of table.

No. 284.—Unemployment Insurance—Average Employment and Total Wages, by Major Industry Group: 1947—Continued

[In thousands]

Industry division and major industry group[1]	Average employment		Wages	
	Number of workers[2]	Percent of total, all industries	Amount[3]	Percent of total, all industries
Wholesale and retail trade, total	**7,786**	**24.1**	**19,271,886**	**22.3**
Full-service and limited-function wholesalers	1,211	3.8	3,819,181	4.4
Wholesale distributors, other than full-service and limited-function wholesalers	953	3.0	3,206,932	3.8
Wholesale and retail trade combined, not elsewhere classified	333	1.0	907,867	1.0
	1,308	4.1	2,451,638	2.8
Retail general merchandise	870	2.7	1,964,697	2.3
Retail food and liquor stores	484	1.5	1,493,495	1.7
Retail automotive	490	1.5	1,096,243	1.3
Retail apparel and accessories	927	2.9	2,200,468	2.5
Retail trade, not elsewhere classified	1,083	3.4	1,774,876	2.0
Eating and drinking places				
Retail filling stations	127	.4	266,489	.3
Finance, insurance, and real estate, total	**1,385**	**4.3**	**3,763,443**	**4.3**
Banks and trust companies	352	1.1	974,810	1.1
Security dealers and investment banking	56	.2	218,809	.3
Finance agencies, not elsewhere classified	85	.3	236,588	.3
Insurance carriers	430	1.3	1,226,590	1.4
Insurance agents, brokers, and services	84	.3	237,219	.3
Real estate	326	1.0	695,000	.8
Real estate, insurance, loans, law offices: Any combination	39	.1	112,724	.1
Holding companies (except real estate)	13	(4)	61,703	.1
Service, total	**2,789**	**8.6**	**6,140,648**	**7.1**
Hotels, rooming houses, camps, and other lodging places	449	1.4	734,898	.8
Personal services	699	2.2	1,289,786	1.5
Business services, not elsewhere classified	377	1.2	1,121,992	1.3
Employment agencies and commercial and trade schools	33	.1	81,200	.1
Automobile repair services and garages	144	.4	350,902	.4
Miscellaneous repair services and hand trades	94	.3	257,130	.3
Motion pictures	241	.7	679,250	.8
Amusement and recreation and related services, not elsewhere classified	247	.8	457,280	.5
Medical and other health services	154	.5	296,080	.3
Law offices and related services	49	.2	130,938	.2
Educational institutions and agencies	23	.1	41,858	(4)
Other professional and social-service agencies and institutions	80	.2	290,579	.3
Nonprofit membership organizations	176	.5	365,483	.4
Private households	15	(4)	28,737	(4)
Regular governmental establishments	8	(4)	14,535	(4)
Establishments not elsewhere classified[6]	27	.1	66,698	.1

[1] Industry titles from 1942 edition of Social Security Board Industrial Classification Code for nonmanufacturing industries and 1945 edition of Standard Industrial Classification Manual for manufacturing industries.
[2] Average of 12 monthly figures, each of which is total of numbers of workers in covered employment in pay period of each type (weekly, semimonthly, etc.) ending nearest fifteenth of month.
[3] Total wages in covered employment for all pay periods ending in year.
[4] Less than 0.05 percent of total.
[5] Excludes railroad and allied groups subject, as of July 1, 1939, to Railroad Unemployment Insurance Act.
[6] Includes data for firms whose activities are not classifiable in any of above industries and data for firms not yet classified due to lack of sufficient information regarding nature of business.

Source: Department of Labor, Bureau of Employment Security.

No. 285.—Unemployment Insurance—Claims Received, Weeks Compensated, Benefit Payments, and Federal Grants, by States and Territories: 1949

[In thousands. Corrected to Feb. 6, 1950]

State and territory	Claims received in local offices		Weeks compensated		Amount of benefit payments [4]		Federal grants for administration [5]	
	Initial [1]	Continued [2]	All unemployment [3]	Total unemployment	All unemployment	Total unemployment	July 1947–June 1948	July 1948–June 1949
Total	**17,660**	**102,612**	**86,638**	**82,457**	**$1,739,753**	**$1,687,914**	**$67,126**	**[6] $142,737**
Alabama	196	1,410	1,200	1,137	19,394	18,759	753	2,380
Arizona	59	299	201	193	4,002	3,876	302	995
Arkansas	108	620	450	420	7,251	6,951	498	1,243
California	1,904	12,599	11,283	10,736	252,391	244,628	8,995	16,486
Colorado	60	275	202	193	3,579	3,475	217	1,047
Connecticut	359	2,386	2,197	2,112	46,820	45,866	1,138	2,397
Delaware	26	147	130	123	2,369	2,291	157	321
District of Columbia	30	240	230	221	3,960	3,914	431	1,014
Florida	194	1,123	812	788	11,143	10,915	702	2,077
Georgia	184	1,223	940	888	13,498	13,030	718	1,982
Idaho	31	202	152	147	2,841	2,773	297	728
Illinois	1,051	6,979	5,803	5,313	105,596	100,654	3,734	6,714
Indiana	424	1,856	1,505	1,429	27,103	26,415	1,061	2,745
Iowa	75	419	314	287	5,317	5,042	391	1,215
Kansas	70	368	314	292	5,470	5,223	455	1,190
Kentucky	165	1,291	998	967	15,431	15,070	516	1,388
Louisiana	172	1,176	912	850	18,315	17,521	741	1,833
Maine	143	852	735	655	11,450	10,479	321	828
Maryland	278	1,583	1,463	1,369	30,201	29,093	1,069	2,468
Massachusetts	841	5,997	5,120	4,783	115,457	111,877	3,518	5,492
Michigan	988	4,313	3,539	3,443	79,177	78,092	3,732	7,338
Minnesota	139	1,081	814	778	13,390	13,007	860	2,373
Mississippi	93	584	451	413	6,401	6,028	298	1,474
Missouri	321	1,807	1,378	1,265	22,563	21,722	1,001	2,108
Montana	30	190	154	154	2,669	2,668	227	651
Nebraska	34	130	127	119	2,019	1,930	198	748
Nevada	21	114	101	97	2,163	2,101	188	468
New Hampshire	105	707	615	554	10,683	10,104	264	709
New Jersey	720	4,596	4,333	4,120	87,782	85,409	3,330	5,653
New Mexico	23	128	103	100	1,841	1,804	190	661
New York	4,016	18,291	15,751	15,425	358,661	351,249	10,452	18,458
North Carolina	271	1,740	1,417	1,347	19,500	18,936	960	2,659
North Dakota	10	49	43	40	799	746	78	444
Ohio	777	5,263	3,971	3,821	79,138	77,406	2,719	6,414
Oklahoma	107	695	514	489	8,608	8,353	477	1,566
Oregon	212	1,221	1,031	990	19,368	18,894	890	1,924
Pennsylvania	1,536	8,525	7,339	7,114	140,741	138,207	5,629	10,509
Rhode Island	251	1,578	1,432	1,382	31,343	30,836	501	1,126
South Carolina	149	875	713	670	12,061	11,667	365	1,480
South Dakota	9	49	38	35	648	610	73	364
Tennessee	204	2,004	1,605	1,542	23,473	22,875	894	2,406
Texas	217	1,168	800	748	11,947	11,435	1,356	4,651
Utah	45	267	217	205	5,061	4,864	302	803
Vermont	38	238	211	193	3,912	3,721	202	485
Virginia	180	1,050	886	840	14,069	13,627	516	1,577
Washington	326	2,068	1,757	1,692	35,270	34,306	1,684	3,180
West Virginia	178	1,225	1,028	782	17,388	13,516	633	1,195
Wisconsin	241	1,267	934	857	19,654	18,442	573	2,131
Wyoming	12	51	45	42	906	869	158	388
Alaska	10	60	109	107	2,585	2,542	136	389
Hawaii	26	234	217	191	4,342	4,097	133	341

[1] Includes transitional initial claims.
[2] Represents weeks claimed by continued claims.
[3] Benefits for other than total unemployment are not provided by State law in Montana.
[4] Unadjusted for voided benefit checks.
[5] Advances for unemployment insurance administration certified to State agencies during fiscal year. Totals include, but State figures exclude expenses for postage.
[6] Includes $161,000 granted to Puerto Rico for employment service administration.

Source: Department of Labor, Bureau of Employment Security.

No. 286.—Unemployment Insurance—Contributions Collected and Benefits Paid Under State Laws, by States and Territories: 1948 and 1949

[In thousands of dollars. Corrected to February 6, 1950]

State and territory	Month and year benefits first payable	Funds available for benefits as of Dec. 31, 1947 [1]	Contributions collected [2]		Benefits paid [3]		Ratio (percent) of benefits to contributions [4]		Funds available for benefits [1]	
			1948	1949	1948	1949	1948	1949	Dec. 31, 1948	Dec. 31, 1949
Total		**7,303,283**	**999,635**	**986,905**	**793,265**	**1,737,273**	**79.0**	**175.9**	**7,602,964**	**7,009,586**
Alabama	Jan. 1938	57,774	11,459	11,884	7,974	19,328	69.3	162.6	62,546	56,415
Arizona	do	24,959	3,829	3,730	1,497	3,802	39.1	101.9	27,845	28,377
Arkansas	Jan. 1939	35,058	5,978	5,346	3,320	6,653	55.5	124.4	38,456	37,951
California	Jan. 1938	728,881	116,063	117,398	147,200	253,274	126.2	215.6	713,350	591,309
Colorado	Jan. 1939	46,436	6,917	3,940	1,197	3,575	17.3	90.7	53,200	54,729
Connecticut	Jan. 1938	195,352	3,806	11,477	14,141	46,641	371.3	406.4	189,015	157,541
Delaware	Jan. 1939	14,372	1,304	1,446	856	2,346	65.5	162.2	15,126	14,546
Dist. of Columbia	Jan. 1938	45,280	2,249	2,929	3,004	3,923	133.4	133.9	45,468	45,443
Florida	Jan. 1939	71,049	7,939	7,704	6,727	11,124	84.6	144.4	73,716	71,821
Georgia	do	95,015	10,395	12,058	5,480	13,468	52.6	111.7	101,974	102,728
Idaho	Sept. 1938	21,132	4,000	4,243	1,359	2,797	33.9	65.9	24,227	26,187
Illinois	July 1939	495,579	61,128	61,944	50,251	105,387	82.2	170.1	516,743	484,011
Indiana	Apr. 1938	187,285	13,008	16,567	10,108	27,026	77.7	163.1	194,159	187,781
Iowa	July 1938	76,638	9,872	10,556	2,597	5,312	26.3	50.3	85,598	92,736
Kansas	Jan. 1939	56,229	7,392	6,427	2,819	5,450	38.1	84.8	62,022	64,350
Kentucky	do	104,928	14,074	14,395	4,879	15,415	34.7	107.1	116,411	117,874
Louisiana	Jan. 1938	87,429	16,467	16,197	6,420	18,119	38.7	111.8	99,471	99,717
Maine	do	41,067	6,507	6,222	5,516	11,408	84.2	183.3	42,967	38,658
Maryland	do	122,088	14,709	14,307	10,272	29,860	68.9	208.6	129,243	116,344
Massachusetts	do	180,635	41,695	44,173	50,253	115,300	120.0	260.9	175,979	107,949
Michigan	July 1938	243,970	77,977	78,261	34,349	80,783	44.0	103.2	293,181	297,095
Minnesota	Jan. 1938	113,368	12,996	10,447	5,554	13,343	42.7	127.7	123,232	122,946
Mississippi	Apr. 1938	38,728	7,352	4,154	2,620	6,381	35.6	153.6	44,341	43,052
Missouri	Jan. 1939	166,366	25,273	24,148	13,439	22,485	53.1	93.1	181,867	187,516
Montana	July 1939	25,923	3,837	4,235	1,271	2,668	33.1	63.0	29,055	31,257
Nebraska	Jan. 1939	31,192	2,892	2,366	984	2,016	34.0	85.2	33,774	34,854
Nevada	do	12,752	1,663	1,533	1,134	2,163	68.1	141.1	13,545	13,190
New Hampshire	Jan. 1938	27,163	3,818	4,208	3,559	10,659	93.1	253.3	27,995	22,069
New Jersey	Jan. 1939	476,424	81,490	35,510	47,780	87,418	58.5	246.1	470,175	427,806
New Mexico	Dec. 1938	15,780	3,518	3,822	680	1,786	19.3	46.7	18,981	21,450
New York	Jan. 1938	1,067,074	150,714	167,286	185,191	357,205	122.0	213.1	1,055,656	887,033
North Carolina	do	135,795	20,667	17,601	6,839	19,475	33.0	110.6	152,662	154,107
North Dakota	Jan. 1939	7,044	1,571	1,869	349	848	22.2	45.4	8,425	9,637
Ohio	do	528,116	37,964	40,523	20,048	79,543	52.8	196.3	557,373	530,196
Oklahoma	Dec. 1938	42,685	7,408	8,024	4,104	7,988	55.3	99.5	46,909	47,963
Oregon	Jan. 1938	76,827	14,187	13,785	7,707	19,309	53.6	139.8	85,093	81,379
Pennsylvania	do	610,700	61,550	62,751	46,043	140,518	74.7	223.9	638,928	574,070
Rhode Island	do	66,369	8,063	8,285	14,296	31,404	176.9	378.9	47,363	24,983
South Carolina	July 1938	49,048	7,701	7,089	3,916	12,054	50.7	170.0	53,918	50,077
South Dakota	Jan. 1939	8,106	1,115	1,153	285	649	25.6	56.3	9,116	9,823
Tennessee	Jan. 1938	99,268	14,792	12,995	10,959	23,460	74.1	180.5	105,208	96,874
Texas	do	175,957	25,169	26,436	4,870	11,930	19.2	45.1	200,128	219,046
Utah	do	32,466	3,203	3,302	2,767	5,194	86.3	157.3	33,592	32,400
Vermont	do	15,506	2,206	1,728	1,330	3,909	60.2	226.1	16,719	14,880
Virginia	do	79,378	8,255	7,783	5,084	14,039	60.9	180.2	84,294	79,776
Washington	Jan. 1939	140,541	23,789	33,643	18,807	35,123	77.4	104.1	148,950	150,768
West Virginia	Jan. 1938	78,644	13,808	13,111	5,209	17,326	37.7	132.1	89,009	86,733
Wisconsin	July 1936	207,237	12,180	12,543	4,882	19,562	40.1	156.0	218,991	216,648
Wyoming	Jan. 1939	10,551	1,516	1,581	354	906	23.4	57.3	11,945	12,884
Alaska	do	10,931	1,574	1,364	1,410	2,578	89.5	189.0	11,325	10,335
Hawaii	do	22,192	2,596	2,425	1,574	4,342	60.5	179.1	23,698	22,271

[1] Sum of balances in State clearing account and benefit-payment account, and in State unemployment trust fund account in U. S. Treasury. State unemployment trust fund accounts include interest credited.

[2] Contributions, penalties, and interest from employers and contributions from employees. Adjusted for refunds of contributions and for dishonored contribution checks.

[3] Adjusted for voided benefit checks. Includes $3,331,000 in 1948 and $1,280,000 in 1949 paid to seamen under the Reconversion Unemployment Benefits for Seamen program.

[4] Excludes benefit payments made to seamen under the Reconversion Unemployment Benefits for Seamen program.

Source: Department of Labor, Bureau of Employment Security.

No. 287.—Unemployment Insurance—Summary of Selected Operations Under State Unemployment Insurance Laws: 1939 to 1949

[Data corrected to Feb. 6, 1950]

Year and month	Covered employment [1]		Beneficiaries [4]	Weeks compensated [5]	Continued claims [6]	Benefit payments (thousands) [7]
	Workers (thousands) [2]	Wages (thousands) [3]				
1939	21,378	$29,069,447	([8])	41,554,089	[9] 56,533,762	$429,298
1940	23,096	32,449,899	5,220,073	51,084,375	66,676,573	518,700
1941	26,814	42,145,685	3,439,323	32,295,377	42,341,653	344,321
1942	29,349	54,796,162	2,815,127	28,157,730	33,761,947	344,084
1943	30,828	66,116,563	664,015	6,003,608	7,664,684	79,643
1944	30,044	69,139,035	533,406	4,123,924	5,480,621	62,385
1945	28,407	66,642,128	2,861,190	24,179,769	30,633,727	445,866
1946	30,234	73,402,152	4,461,032	59,914,536	67,333,494	1,094,850
1947	32,278	86,595,237	3,983,603	44,324,983	51,859,949	[10] 776,165
1948	33,091	96,115,009	4,008,393	42,694,939	50,981,844	[10] 793,265
1949			7,222,000	86,638,277	102,612,247	[10] 1,737,272
January	31,856	22,891,572	1,212,764	5,255,293	6,709,834	103,007
February	31,546		1,467,605	5,870,420	7,288,574	115,264
March	31,533		1,786,175	7,740,067	8,978,755	152,096
April			1,598,254	6,925,743	8,251,600	136,558
May			1,711,967	7,418,499	8,773,315	146,191
June			1,809,032	7,839,113	9,252,772	154,695
July			1,717,373	7,441,924	8,831,404	148,767
August			1,951,684	8,457,270	9,936,281	170,629
September			1,743,886	7,556,813	8,348,598	154,079
October			1,527,787	6,620,389	7,760,869	135,707
November			1,690,464	7,325,318	8,915,753	152,177
December			1,889,413	8,187,428	9,564,492	170,580

[1] Excludes railroads and allied groups subject, as of July 1, 1939, to Railroad Unemployment Insurance Act.
[2] Until January 1945, represents covered employment on last pay roll of each type (weekly, semimonthly, etc.) ending in month; thereafter, employment on pay roll of each type ending nearest fifteenth of month. Annual figures represent averages of 12 monthly figures.
[3] Total wages in covered employment for all pay periods ending within period.
[4] Annual figures represent first payments made to beneficiaries; monthly figures represent average weekly number of weeks of unemployment compensated during month.
[5] For 1939, represents number of benefit payments.
[6] Beginning with January 1949, represent weeks claimed by continued claims.
[7] Annual amounts adjusted, but monthly figures not adjusted, for voided benefit checks.
[8] Data not available.
[9] Excludes New York for January-March 1939; data not available.
[10] Includes $1,019,000 for 1947, $3,331,000 for 1948, and $1,280,000 for 1949 paid to seamen under the Reconversion Unemployment Benefits for Seamen program.

Source: Department of Labor, Bureau of Employment Security.

No. 288.—Placements Made by Public Employment Offices: 1937 to 1949

[Includes Alaska and Hawaii through 1938. Full responsibility of Employment Service for Farm Placement Program terminated June 1943, resumed January 1, 1948]

Year and month	Placements		Month	Placements	
	Total	Nonagricultural [1]		Total	Nonagricultural
1937	3,640,934	3,144,091	July	1,289,930	477,761
1938	2,950,047	2,656,994	August	1,214,844	509,447
1939	4,500,399	4,152,139	September	1,689,224	550,654
1940	5,226,712	3,661,040	October	1,935,136	491,652
1941	7,427,989	5,404,291	November	958,689	421,531
1942	10,220,967	6,919,892	December	661,498	339,240
1943	12,253,224	9,393,196			
1944	12,219,113	11,446,007	1949		
1945	10,811,100	9,808,476	January	397,863	307,594
1946	7,139,778	5,518,631	February	341,225	275,852
1947	6,328,100	5,279,979	March	452,191	327,328
1948	11,909,995	5,385,533	April	560,338	363,072
1949	13,508,400	4,442,554	May	1,147,739	402,652
			June	1,760,995	400,332
1948			July	1,513,287	369,435
January	413,247	374,123	August	1,362,497	451,683
February	366,983	344,064	September	1,996,506	466,408
March	465,106	412,808	October	1,783,740	415,936
April	582,435	457,788	November	1,615,889	350,324
May	1,005,680	482,317	December	576,130	311,938
June	1,327,223	524,148			

[1] Excludes forestry and fishing through 1939.

Source: Department of Labor, Bureau of Employment Security.

No. 289.—Nonagricultural Placements Made by Public Employment Offices, by Race, Sex, and Veteran Status, by States: 1949

Quarter and State	Total	Race[1]		Sex		Veteran status		Percent of total		
		White	Nonwhite	Male	Female	Veteran	Nonveteran	White (1)	Male	Veteran
Total	**4,442,554**	**2,768,843**	**1,228,536**	**2,598,013**	**1,844,541**	**1,140,683**	**3,301,871**	**69.3**	**58.5**	**25.7**
QUARTER										
January–March	910,774	559,134	259,520	506,305	404,469	235,436	675,338	68.3	55.6	25.9
April–June	1,166,056	720,299	326,557	709,649	456,407	310,559	855,497	68.8	60.9	26.6
July–September	1,287,526	803,543	350,923	758,392	529,134	321,163	966,363	69.6	58.9	24.9
October–December	1,078,198	685,867	291,536	623,667	454,531	273,525	804,673	70.2	57.8	25.4
STATE										
Alabama	117,017	61,989	55,028	75,328	41,689	22,437	94,580	53.0	64.4	19.2
Arizona	31,012	26,273	4,739	20,583	10,429	9,829	21,183	84.7	66.4	31.7
Arkansas	81,836	53,810	28,026	52,096	29,740	21,425	60,411	65.8	63.7	26.2
California	301,096	273,485	27,611	175,578	125,518	89,015	212,081	90.8	58.3	29.6
Colorado	53,315	(2)	(2)	41,208	12,107	19,711	33,604	(2)	77.3	37.0
Connecticut	66,777	(2)	(2)	32,945	33,832	15,493	51,284	(2)	49.3	23.2
Delaware	12,717	6,399	6,318	6,215	6,502	2,408	10,309	50.3	48.9	18.9
Dist. of Col.	35,240	10,147	25,093	19,074	16,166	8,538	26,702	28.8	54.1	24.2
Florida	123,900	63,152	60,748	66,868	57,032	35,478	88,422	51.0	54.0	28.6
Georgia	96,797	39,696	57,101	55,754	41,043	18,557	78,240	41.0	57.6	19.2
Idaho	33,752	33,546	206	27,318	6,434	15,576	18,176	99.4	80.9	46.1
Illinois	138,608	122,873	15,825	85,218	53,480	42,175	96,523	88.6	61.4	30.4
Indiana	76,107	66,760	9,347	41,465	34,642	19,815	56,292	87.7	51.5	26.0
Iowa	70,765	77,779	1,986	55,758	24,007	28,520	51,245	97.5	69.9	35.8
Kansas	72,122	65,159	6,963	50,935	21,187	23,767	48,355	90.3	70.6	33.0
Kentucky	23,295	19,090	4,205	14,968	8,327	6,507	16,788	81.9	64.3	27.9
Louisiana	67,252	21,908	45,344	44,733	22,519	19,660	47,592	32.6	66.5	29.2
Maine	32,734	32,619	115	18,681	14,053	7,760	24,974	99.6	57.1	23.7
Maryland	53,393	31,165	22,228	34,131	19,262	13,785	39,608	58.4	63.9	25.8
Massachusetts	90,272	85,481	4,791	46,599	43,673	24,975	65,297	94.7	51.6	27.7
Michigan	93,730	84,705	9,025	68,410	25,320	32,861	60,869	90.4	73.0	35.1
Minnesota	94,329	(2)	(2)	64,971	29,358	30,256	64,073	(2)	68.9	32.1
Mississippi	88,811	35,245	53,566	57,641	31,170	16,565	72,246	39.7	64.9	18.7
Missouri	80,730	68,212	12,518	53,156	27,574	22,727	58,003	84.5	65.8	28.2
Montana	25,846	25,428	418	21,554	4,292	10,172	15,674	98.4	83.4	39.4
Nebraska	42,898	41,900	998	34,323	8,575	16,132	26,766	97.7	80.0	37.6
Nevada	16,099	13,323	2,776	10,976	5,123	4,668	11,431	82.8	68.2	29.0
New Hampshire	12,859	12,837	22	7,088	5,771	3,215	9,644	99.8	55.1	25.0
New Jersey	109,549	64,594	44,955	40,052	69,497	17,580	91,969	59.0	36.6	16.0
New Mexico	40,047	37,844	2,203	31,925	8,122	15,004	25,043	94.5	79.7	37.5
New York	565,587	298,293	267,294	194,736	370,851	80,508	485,079	52.7	34.4	14.2
North Carolina	114,615	54,951	59,664	64,312	50,303	24,827	89,788	47.9	56.1	21.7
North Dakota	22,299	21,982	317	16,179	6,120	6,784	15,515	98.6	72.6	30.4
Ohio	205,212	158,707	46,505	130,982	74,230	52,003	153,209	77.3	63.8	25.3
Oklahoma	133,637	110,962	22,675	93,437	40,200	40,043	93,594	83.0	69.9	30.0
Oregon	56,038	(2)	(2)	40,435	15,603	19,582	36,456	(2)	72.2	34.9
Pennsylvania	174,716	(2)	(2)	75,844	98,872	38,591	136,125	(2)	43.4	22.1
Rhode Island	23,084	17,108	5,976	6,394	16,690	2,684	20,400	74.1	27.7	11.6
South Carolina	98,039	35,511	62,528	71,174	26,865	24,666	73,373	36.2	72.6	25.2
South Dakota	31,340	30,218	1,122	27,533	3,807	8,326	23,014	96.4	87.9	26.6
Tennessee	105,610	63,680	41,930	63,701	41,909	31,528	74,082	60.3	60.3	29.9
Texas	405,334	246,433	158,901	259,973	145,361	110,680	294,654	60.8	64.1	27.3
Utah	26,791	26,405	386	20,354	6,437	10,345	16,446	98.6	76.0	38.6
Vermont	6,615	6,592	23	4,377	2,238	2,270	4,345	99.7	66.2	34.3
Virginia	81,796	30,930	50,866	44,189	37,607	14,533	67,263	37.8	54.0	17.8
Washington	64,782	62,445	2,337	46,182	18,600	20,913	43,869	96.4	71.3	32.3
West Virginia	21,990	19,653	2,337	12,365	9,625	5,829	16,161	89.4	56.2	26.5
Wisconsin	98,793	95,569	3,224	58,550	40,243	26,374	72,419	96.7	59.3	26.7
Wyoming	14,281	13,985	296	11,745	2,536	5,586	8,695	97.9	82.2	39.1

[1] Excludes Colorado, Connecticut, Minnesota, Oregon, and Pennsylvania; data not available.
[2] Not available.

Source: Department of Labor, Bureau of Employment Security.

No. 290.—Nonagricultural Placements Made by Public Employment Offices, by Sex, Veteran Status and Industry Division: 1949

Industry division	Total	Sex		Veteran status	
		Men	Women	Veteran	Non-veteran
All industries	**4,442,554**	**2,598,013**	**1,844,541**	**1,140,683**	**3,301,871**
Forestry and fishing	9,878	9,511	367	4,060	5,818
Mining	30,746	29,556	1,190	13,069	17,677
Construction	501,557	495,067	6,490	209,439	292,118
Manufacturing	1,262,996	734,980	528,016	311,293	951,703
Transportation, communication, and other public utilities	187,692	174,265	13,427	81,634	106,058
Wholesale and retail trade	904,802	539,310	365,492	246,580	658,222
Finance, insurance, and real estate	57,432	29,165	28,267	14,083	43,349
Service	1,348,394	482,356	866,038	194,439	1,153,955
Domestic	902,491	221,482	681,009	73,712	828,779
Government	132,072	97,573	34,499	63,731	68,341
Establishments, n. e. c.	6,985	6,230	755	2,355	4,630
Percentage distribution by industry division					
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Forestry and fishing	.2	.4	(1)	.4	.2
Mining	.7	1.1	.1	1.1	.5
Construction	11.3	19.1	.4	18.4	8.8
Manufacturing	28.4	28.2	28.6	27.3	28.9
Transportation, communication, and other public utilities	4.2	6.7	.7	7.2	3.2
Wholesale and retail trade	20.4	20.8	19.8	21.6	19.9
Finance, insurance, and real estate	1.3	1.1	1.5	1.2	1.3
Service	30.3	18.6	47.0	17.0	35.0
Domestic	20.3	8.5	36.9	6.5	25.1
Government	3.0	3.8	1.9	5.6	2.1
Establishments, n. e. c.	.2	.2	(1)	.2	.1
Percentage distribution by sex and veteran status					
Total	**100.0**	**58.5**	**41.5**	**25.7**	**74.3**
Forestry and fishing	100.0	96.3	3.7	41.1	58.9
Mining	100.0	96.1	3.9	42.5	57.5
Construction	100.0	98.7	1.3	41.8	58.2
Manufacturing	100.0	58.2	41.8	24.6	75.4
Transportation, communication, and other public utilities	100.0	92.8	7.2	43.5	56.5
Wholesale and retail trade	100.0	59.6	40.4	27.3	72.7
Finance, insurance, and real estate	100.0	50.8	49.2	24.5	75.5
Service	100.0	35.8	64.2	14.4	85.6
Domestic	100.0	24.5	75.5	8.2	91.8
Government	100.0	73.9	26.1	48.3	51.7
Establishments, n. e. c.	100.0	89.2	10.8	33.7	66.3

[1] Less than 0.05 percent.

Source: Department of Labor, Bureau of Employment Security.

No. 291.—Nonagricultural Placements Made by Public Employment Offices, by Major Occupational Group: 1948 and 1949

Occupational group	1948	1949
All occupations	**5,385,533**	**4,442,554**
Professional and managerial	61,052	52,461
Clerical and sales	607,783	542,254
Service	1,354,281	1,338,240
Skilled	365,544	289,643
Semiskilled	697,933	567,388
Unskilled and other	2,298,940	1,652,568

Source: Department of Labor, Bureau of Employment Security.

No. 292.—Railroad Retirement and Survivor Benefits, by Class: 1940 to 1949

CLASS OF BENEFIT	1940	1943	1944	1945	1946	1947	1948	1949
NUMBER								
Monthly benefits awarded, total	**23,817**	**19,029**	**19,678**	**24,213**	**27,670**	**124,019**	**81,050**	**63,154**
Retirement annuities	22,145	17,739	18,562	23,242	26,766	43,873	32,930	36,020
Pensions	35	1	4	----	5	1	----	----
Survivor benefits	1,637	1,289	1,112	971	899	80,145	48,120	27,134
Monthly benefits terminated, total	**13,343**	**14,507**	**15,113**	**14,770**	**15,493**	**27,219**	**28,232**	**31,340**
Retirement annuities	7,959	10,303	10,923	11,401	12,361	21,471	16,495	18,505
Pensions	4,253	3,217	3,240	2,514	2,344	2,110	1,849	1,659
Survivor benefits	1,131	987	950	855	788	3,638	9,888	11,176
Monthly benefits in current-payment status, total	**149,241**	**163,161**	**167,752**	**177,289**	**189,553**	**290,160**	**345,408**	**370,071**
Retirement annuities	112,710	136,245	143,908	155,828	170,331	198,976	215,314	232,542
Pensions	33,268	22,788	19,553	17,047	14,707	12,590	10,739	9,085
Survivor benefits	3,263	4,128	4,291	4,414	4,515	78,594	119,355	128,444
Lump-sum survivor benefits awarded, total	13,378	15,475	17,047	20,381	18,709	16,253	28,051	33,205
PAYMENTS ($1000)								
Benefit payments, total	**118,111**	**133,059**	**138,062**	**147,050**	**160,132**	**202,449**	**253,566**	**291,630**
Retirement annuities	89,695	108,792	115,083	124,417	138,161	167,612	190,851	232,744
Pensions	24,471	17,004	14,624	12,723	11,028	9,441	8,791	8,150
Survivor benefits:								
Monthly	1,448	1,704	1,765	1,772	1,817	19,283	36,011	39,257
Lump-sum	2,497	5,560	6,591	8,138	9,127	6,114	8,914	11,480

Source: Railroad Retirement Board. Data are published on a fiscal-year basis in Annual Report and currently in The Monthly Review.

No. 293.—Number of Railroad Employees, by Age, Class of Employer, and Occupational Group: 1947

[In thousands. Based on a 20-percent sample]

CLASS OF EMPLOYER AND OCCUPATIONAL GROUP	Total [1]	AGE IN 1947					
		Under 25	25–34	35–44	45–54	55–64	65 and over
Total	**2,420.2**	**441.3**	**540.2**	**483.6**	**500.4**	**363.1**	**82.5**
Class I railroads, total	[2] 2,030.2	366.6	441.0	399.3	427.0	317.8	71.2
Executives, supervisors, and professionals	93.5	3.5	9.2	17.5	30.4	26.2	6.7
Station agents and telegraphers	55.1	7.9	7.7	6.5	13.3	15.7	3.9
Clerks and other office employees	188.6	41.3	42.4	35.7	42.6	21.4	4.9
Engineers and conductors	104.8	1.2	8.0	8.7	30.2	44.5	12.1
Firemen, brakemen, switchmen, and hostlers	268.9	31.5	88.8	56.2	52.5	34.3	4.9
Gang foremen	50.7	1.0	4.1	12.7	16.2	13.9	2.8
Skilled way and structure employees	43.9	5.6	8.5	10.5	10.1	7.6	1.4
Skilled shop employees	184.2	5.1	25.5	38.5	56.8	48.7	9.5
Helpers and apprentices	159.9	38.0	40.3	32.0	27.5	17.7	4.0
Extra-gang laborers	191.1	58.9	44.6	38.8	30.7	14.1	2.3
Other way and structure laborers	268.7	71.9	59.7	56.1	45.9	27.9	5.5
Shop and stores laborers	135.8	33 2	33.1	27.9	22.4	14.8	4.1
Station and platform laborers	165.8	44.9	47.1	33.2	24.1	12.7	2.9
All other occupations	118.6	22.6	21.8	24.9	24.2	18.2	6.4
Other than class I railroads	390.0	74.7	99.2	84.3	73.4	45.3	11.3

[1] Includes 9,000 employees of unknown age, not shown separately.
[2] Includes 700 employees whose occupations were not reported.

Source: Railroad Retirement Board; not published elsewhere.

No. 294.—Number of Railroad Employees, by Amount of Taxable Compensation: 1947

[Includes employees covered under Railroad Retirement and Railroad Unemployment Insurance Acts for whom compensation was reported by subject employers. Some of these employees also had wages taxable under Federal Insurance Contributions Act and are therefore included in preceding tables on old-age and survivors insurance. Earnings in this table include wages and salaries, commissions, back pay, and payments for time lost as an employee, reported by subject employers; however, the excess over $300 in any one calendar month for an employee is excluded]

Taxable compensation in the year	Employees		
	Total		With 12 months of service
	Number	Percent	
Total	**2,420,182**	**100.0**	**1,367,977**
Under $100	248,813	10.3	753
$100–$199	124,342	5.1	1,127
$200–$399	151,392	6.3	2,137
$400–$599	102,334	4.2	1,830
$600–$799	78,511	3.2	2,401
$800–$999	64,639	2.7	2,786
$1,000–$1,199	54,827	2.3	3,716
$1,200–$1,399	51,321	2.1	6,095
$1,400–$1,599	52,091	2.2	11,524
$1,600–$1,799	60,967	2.5	25,554
$1,800–$1,999	85,487	3.5	56,183
$2,000–$2,399	219,332	9.1	174,656
$2,400–$2,799	282,184	11.7	252,874
$2,800–$3,199	322,026	13.3	307,374
$3,200–$3,599	387,413	16.0	384,464
$3,600	134,503	5.6	134,503
Average compensation per employee			$2,893

Source: Railroad Retirement Board; Compensation and Service of Railroad Employees, 1947.

No. 295.—Railroad Unemployment and Sickness Benefits—Summary of Operations Through June 1949

Fiscal year	Applications received [1]	Claims received	Benefit payments		Amount of benefits (in thousands) [2]	Accounts opened	Accounts exhausted
			Number	Average amount			
Unemployment benefits							
1939–40	210,823	1,441,213	[3]	[3]	$14,810	160,735	29,298
1940–41	181,157	1,257,822	[3]	[3]	17,699	162,164	26,652
1941–42	90,151	517,394	450,698	$19.86	8,890	75,984	11,368
1942–43	21,816	100,826	80,584	22.22	1,753	16,061	2,512
1943–44	6,839	27,495	21,587	26.44	547	4,760	434
1944–45	8,959	34,874	27,547	26.47	728	5,792	626
1945–46	201,112	847,009	731,435	28.01	20,517	156,502	15,388
1946–47	256,900	1,763,264	1,585,995	29.41	46,617	207,768	47,639
1947–48	266,671	1,346,574	1,145,940	28.57	32,427	197,132	22,469
1948–49	346,795	1,706,112	1,531,124	30.70	46,745	271,550	20,331
Sickness benefits (including maternity benefits)							
1947–48	234,926	799,903	734,276	[4] 39.02	26,604	150,390	15,949
1948–49	213,570	921,918	873,464	[4] 39.57	29,823	165,850	21,085

[1] Application submitted for unemployment when worker applies for unemployment benefits for first time with respect to benefit year, for sickness at the beginning of each spell of sickness. Data for 1947–48 and 1948–49 include some applications submitted in June with respect to following year.
[2] Adjusted for settlement of underpayments and recovery of overpayments.
[3] Not reported on comparable basis.
[4] Excluding maternity benefits.

Source: Railroad Retirement Board, Annual Report. Data are published currently in The Monthly Review.

No. 296.—Railroad Retirement, Survivor, Unemployment, and Sickness Benefits, by State of Residence of Beneficiary: 1949

[In thousands]

STATE	Total	Retirement annuities	Survivor benefits	Unemployment benefits	Sickness benefits (including maternity)
Total	**$425,329**	**$240,893**	**$50,737**	**$103,596**	**$30,103**
Alabama	6,051	2,858	734	1,958	501
Arizona	2,742	1,174	176	1,135	257
Arkansas	5,085	2,650	420	1,706	309
California	26,588	16,719	2,982	4,983	1,904
Colorado	4,845	2,978	556	901	410
Connecticut	2,485	1,494	432	389	170
Delaware	1,641	905	179	452	105
District of Columbia	1,227	679	215	189	144
Florida	8,822	5,952	734	1,779	357
Georgia	7,091	3,666	876	1,987	562
Idaho	1,501	809	192	352	148
Illinois	30,357	17,570	3,968	6,167	2,652
Indiana	15,307	9,528	1,819	3,074	886
Iowa	8,340	5,792	1,139	876	533
Kansas	8,068	5,069	983	1,439	577
Kentucky	11,000	5,236	1,129	3,932	703
Louisiana	4,281	2,328	580	967	406
Maine	2,330	1,460	305	410	155
Maryland	7,166	3,977	929	1,773	487
Massachusetts	7,763	4,088	1,223	1,833	619
Michigan	10,400	6,380	1,326	2,065	629
Minnesota	11,222	6,729	1,455	2,261	777
Mississippi	3,671	2,173	379	826	293
Missouri	14,685	7,990	1,617	4,007	1,071
Montana	2,428	1,575	274	365	214
Nebraska	4,484	2,920	539	659	366
Nevada	734	401	91	166	76
New Hampshire	1,390	939	202	175	74
New Jersey	11,611	7,269	1,693	1,959	690
New Mexico	2,328	928	251	991	158
New York	33,978	17,396	4,238	9,917	2,427
North Carolina	5,019	2,325	619	1,642	403
North Dakota	1,259	736	173	223	127
Ohio	28,548	16,185	3,305	7,161	1,897
Oklahoma	3,398	2,071	364	713	250
Oregon	4,242	2,872	425	636	309
Pennsylvania	54,526	28,258	5,644	17,198	3,426
Rhode Island	890	469	130	207	84
South Carolina	2,876	1,262	364	1,047	203
South Dakota	984	614	134	159	77
Tennessee	9,132	4,824	1,040	2,679	589
Texas	13,962	8,428	1,859	2,315	1,360
Utah	2,267	1,235	333	502	197
Vermont	1,073	731	165	96	81
Virginia	11,217	5,870	1,357	3,224	766
Washington	6,134	4,195	739	759	441
West Virginia	8,855	3,806	831	3,695	523
Wisconsin	7,758	5,060	1,063	1,137	498
Wyoming	1,239	772	161	181	125
Outside continental United States	2,328	1,549	364	330	85

Source: Railroad Retirement Board. Data are published on a fiscal-year basis in Annual Report.

No. 297.—Workmen's Compensation Payments, by States: 1939 to 1948

[Estimated by Social Security Administration. Payments include net cash and medical benefits paid by private insurance carriers (compiled from the Spectator, Premiums and Losses by States of Casualty, Surety, and Miscellaneous Lines), net cash and medical benefits paid by State funds (from the Spectator and State reports; estimated for some States), and cash and medical benefits paid by self-insurers plus the value of medical benefits paid by employers carrying workmen's compensation policies that do not include the standard medical coverage (estimated from available State data). Data are for calendar years, except for Montana, Nevada, North Dakota, Oregon, West Virginia, and Federal employees, for which fiscal year data were used. Benefit payments made under Longshoremen's and Harbor Workers' Compensation Act and under Defense Bases Compensation Act are included in data for States in which payments are made]

[In thousands of dollars]

STATE	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948 [1]
Total	**234,875**	**256,061**	**291,318**	**330,492**	**355,862**	**387,569**	**410,828**	**435,213**	**487,400**	**536,494**
Alabama	1,007	1,061	1,732	2,083	3,120	2,644	2,648	2,278	2,377	2,587
Arizona	1,471	1,527	1,975	2,639	3,297	3,478	3,865	4,133	5,328	7,450
Arkansas	3	23	870	1,917	2,267	2,394	2,379	2,618	3,100	3,149
California	17,783	19,950	22,696	26,081	32,024	37,881	40,268	40,991	45,667	50,536
Colorado	2,499	2,492	2,621	2,632	2,475	3,195	2,285	2,289	2,640	2,956
Connecticut	2,967	3,500	4,394	5,515	6,106	6,760	7,202	7,764	8,814	9,244
Delaware	272	316	398	.442	473	417	438	494	549	627
Dist. of Col	1,247	1,441	1,484	1,496	1,379	1,286	1,193	1,382	1,572	1,972
Florida	1,617	1,880	2,384	2,719	3,407	3,727	4,193	4,571	5,356	6,402
Georgia	1,231	1,492	1,837	2,060	2,531	2,896	2,921	2,831	3,227	3,601
Idaho	1,068	1,216	1,325	1,340	1,435	1,249	1,193	1,317	1,490	1,822
Illinois	12,463	14,466	16,363	18,379	20,694	22,710	23,457	23,507	26,999	30,219
Indiana	3,409	3,779	4,692	5,456	6,498	6,482	6,625	7,012	7,972	8,563
Iowa	1,831	1,870	2,100	2,464	2,464	2,356	2,666	3,154	3,584	3,961
Kansas	1,572	1,587	1,863	2,015	3,135	2,987	2,977	2,981	3,113	3,682
Kentucky	2,567	3,087	3,804	4,716	5,211	5,508	5,716	5,297	6,171	6,242
Louisiana	3,210	3,369	3,650	4,868	5,513	6,382	6,952	6,969	8,122	9,139
Maine	976	991	1,216	1,628	1,847	2,206	2,224	2,055	2,046	1,996
Maryland	2,534	2,711	3,236	4,031	5,088	5,421	5,853	5,893	5,921	6,379
Massachusetts	7,095	7,415	8,491	9,555	10,126	11,406	11,771	15,149	17,759	19,516
Michigan	8,119	9,071	10,398	11,211	12,423	13,701	14,790	16,698	18,797	20,749
Minnesota	3,539	3,754	4,147	4,546	5,258	5,469	5,853	6,561	7,663	8,680
Mississippi	21	11	18	23	34	23	34	76	75	95
Missouri	3,858	4,035	4,956	6,051	5,711	7,724	8,365	8,908	8,848	9,777
Montana	1,728	2,093	2,279	2,127	1,994	1,943	2,003	1,851	1,972	2,353
Nebraska	969	967	925	1,151	1,440	1,220	1,334	1,601	1,726	1,987
Nevada	677	828	931	1,024	1,190	1,197	1,046	1,052	1,176	1,340
New Hampshire	572	704	786	933	950	960	1,002	1,250	1,339	1,550
New Jersey	11,156	12,419	15,138	17,689	19,612	21,835	21,961	20,339	26,208	27,200
New Mexico	351	566	637	944	601	675	652	803	1,115	1,303
New York	47,458	51,211	56,117	62,878	61,061	67,866	75,092	84,232	89,122	100,139
North Carolina	1,849	1,962	2,604	3,010	3,258	3,476	3,542	4,291	5,027	5,791
North Dakota	551	600	636	747	685	731	743	771	854	891
Ohio	16,576	16,895	19,407	23,471	22,617	23,064	25,603	27,369	32,938	35,464
Oklahoma	3,104	3,394	3,185	3,797	4,565	5,098	5,456	5,842	6,243	6,998
Oregon	4,272	4,277	4,863	4,822	5,146	5,679	5,666	5,557	5,911	6,875
Pennsylvania	20,789	22,774	24,596	25,197	25,029	24,248	24,552	26,318	27,600	28,907
Rhode Island	1,000	1,153	1,649	2,402	3,210	4,330	5,449	5,361	4,208	3,730
South Carolina	1,007	1,211	1,889	2,427	2,702	2,779	2,813	3,024	3,753	3,933
South Dakota	249	268	288	339	309	315	355	434	518	686
Tennessee	1,368	1,527	2,190	2,931	3,480	3,896	4,027	3,750	4,084	4,406
Texas	7,314	8,124	10,355	12,996	14,669	17,192	18,218	20,445	23,497	28,133
Utah	1,090	1,109	1,273	1,575	1,673	1,475	1,312	1,475	1,579	1,657
Vermont	324	386	449	489	462	544	522	627	750	750
Virginia	1,896	2,085	2,874	3,598	3,587	3,343	3,361	3,794	4,481	5,057
Washington	5,053	5,576	6,167	7,062	8,245	8,986	9,688	10,810	11,862	12,769
West Virginia	5,174	5,756	6,066	6,820	7,466	7,598	7,735	7,926	8,296	8,800
Wisconsin	5,571	5,662	6,466	7,223	7,888	8,673	9,162	9,903	10,665	11,881
Wyoming	525	422	422	411	442	521	503	579	720	878
Federal employees	11,893	13,048	12,476	10,562	11,065	11,623	13,163	10,881	14,566	13,672

[1] Preliminary estimate.

Source: Federal Security Agency, Social Security Administration, Division of Research and Statistics. Preliminary estimates appear periodically in Social Security Bulletin.

No. 298.—Public Assistance—Federal Grants to States for Public Assistance, 1947, 1948, and 1949, and by States and Territories, 1949

[In thousands. Advances certified from appropriations in specified fiscal year]

Fiscal year and state	Total	Old-age assistance	Aid to dependent children	Aid to the blind
1946–47	$613,831	$491,091	$108,429	$14,312
1947–48	718,359	562,374	139,584	16,401
1948–49	927,897	718,012	189,415	20,470
Alabama	17,334	13,412	3,677	245
Arizona	5,234	3,718	1,263	253
Arkansas	13,004	9,416	3,251	337
California	83,554	72,388	8,210	2,956
Colorado	17,738	15,493	2,113	132
Connecticut	6,112	4,868	1,194	51
Delaware	651	384	226	42
District of Columbia	1,567	763	735	69
Florida	26,597	18,619	7,054	923
Georgia	20,197	16,307	3,390	500
Idaho	4,057	3,185	809	63
Illinois	49,046	37,946	9,617	1,483
Indiana	16,869	13,035	3,284	551
Iowa	17,177	15,020	1,753	403
Kansas	13,170	10,873	2,049	248
Kentucky	14,875	9,544	4,973	358
Louisiana	44,876	37,099	7,325	451
Maine	5,073	3,558	1,334	181
Maryland	5,817	3,181	2,503	134
Massachusetts	37,185	31,996	4,756	433
Michigan	37,214	28,177	8,523	514
Minnesota	19,867	16,352	3,125	389
Mississippi	10,790	8,522	1,756	512
Missouri	45,403	36,374	9,029	[1]
Montana	4,549	3,554	825	170
Nebraska	8,689	7,203	1,313	174
Nevada	818	818	[1]	[1]
New Hampshire	2,555	1,973	488	94
New Jersey	9,437	7,095	2,114	228
New Mexico	4,344	2,424	1,794	126
New York	57,901	36,976	19,578	1,347
North Carolina	13,513	8,946	3,699	868
North Dakota	3,478	2,679	758	41
Ohio	44,362	38,140	5,057	1,165
Oklahoma	44,681	34,022	9,767	893
Oregon	8,619	7,217	1,276	127
Pennsylvania	42,909	24,740	18,170	[1]
Rhode Island	4,012	2,794	1,172	46
South Carolina	9,299	6,937	2,058	305
South Dakota	4,061	3,279	726	56
Tennessee	19,353	12,110	6,674	568
Texas	62,936	55,067	6,159	1,710
Utah	4,691	3,228	1,398	65
Vermont	2,069	1,682	334	54
Virginia	5,701	3,232	2,162	306
Washington	26,724	22,865	3,619	241
West Virginia	9,014	4,471	4,354	189
Wisconsin	17,108	13,847	2,851	410
Wyoming	1,619	1,389	195	35
Alaska	570	461	109	[2]
Hawaii	1,476	634	816	26

[1] No approved plan in operation.
[2] Alaska does not administer aid to the blind.

Source: Federal Security Agency, Social Security Administration, Bureau of Public Assistance; Annual Report of the Social Security Administration.

No. 299.—Public Assistance—Recipients and Payments, by States and Territories: 1949

State and territory	Recipients of assistance, June 1949					Assistance to recipients, fiscal year 1949 (thousands of dollars)				
	Special types of public assistance				General assistance cases	Total	Special types of public assistance			General assistance
	Old-age assistance	Aid to dependent children		Aid to the blind			Old-age assistance	Aid to dependent children	Aid to the blind	
		Families	Children							
Total	**2,625,594**	**536,758**	**1,365,813**	**89,301**	[1]461,000	**1,950,400**	**1,259,445**	**414,157**	**44,862**	**231,938**
Alabama	73,344	13,194	35,949	1,287	6,481	24,747	18,063	5,105	344	1,236
Arizona	11,316	3,158	8,930	787	1,592	10,688	6,710	2,686	533	759
Arkansas	55,242	11,458	29,517	1,752	[2] 2,633	17,966	12,583	4,511	482	[2] 389
California	245,294	24,160	53,898	9,004	37,007	218,520	163,340	26,891	7,757	20,531
Colorado	47,104	5,052	13,748	387	4,284	48,312	40,952	4,756	253	2,350
Connecticut	16,846	3,499	8,493	182	5,368	16,450	10,206	3,674	91	[3] 2,479
Delaware	1,509	526	1,556	158	1,105	1,344	468	390	58	428
Dist. of Columbia	2,629	1,753	5,311	240	1,387	3,662	1,285	1,542	120	715
Florida	64,946	22,342	54,706	3,094	[3] 4,700	41,297	29,245	9,745	1,472	[3] 835
Georgia	93,962	12,316	31,739	2,546	3,185	27,833	21,630	4,879	704	620
Idaho	10,473	2,089	5,277	203	[4] 493	8,317	5,684	2,214	123	296
Illinois	126,417	25,003	63,509	4,553	35,361	112,323	63,965	26,706	2,425	19,227
Indiana	49,938	9,331	23,068	1,841	[5] 12,301	29,121	20,504	5,575	808	2,234
Iowa	48,465	4,652	11,920	1,200	4,175	32,107	26,672	3,350	722	1,364
Kansas	37,275	5,130	13,242	767	5,088	26,670	18,742	4,722	437	2,769
Kentucky	59,182	19,027	47,875	2,068	2,984	21,494	13,051	7,379	497	567
Louisiana	118,239	24,323	63,104	1,673	22,841	83,697	61,587	13,167	791	8,152
Maine	13,714	3,414	9,419	659	3,209	10,376	5,740	2,819	287	1,531
Maryland	11,786	5,297	16,040	470	4,318	12,551	5,028	5,070	217	2,237
Massachusetts	93,230	11,790	28,754	1,367	20,362	90,979	64,915	14,421	896	10,746
Michigan	94,632	24,841	57,494	1,668	33,062	87,420	46,278	22,745	852	17,545
Minnesota	55,060	7,566	19,180	1,057	7,745	40,043	29,230	5,964	688	4,160
Mississippi	58,051	8,194	22,172	2,520	564	13,950	10,895	2,270	717	67
Missouri	123,883	23,762	60,549	[6] 2,787	15,624	79,565	59,168	13,826	[6] 1,194	5,377
Montana	11,128	2,120	5,447	479	1,401	8,165	5,722	1,665	249	529
Nebraska	23,767	3,342	7,978	550	1,510	15,912	11,815	3,197	306	593
Nevada	2,420	[6] 44	[6] 98	[6] 34	361	1,566	1,441	[6] 18	[6] 15	92
New Hampshire	7,111	1,423	3,622	313	1,588	5,703	3,513	1,325	167	698
New Jersey	23,653	5,154	13,361	686	[5] 10,409	22,382	12,389	4,814	372	4,807
New Mexico	9,416	4,963	12,727	444	1,836	7,269	3,669	2,893	190	[2] 517
New York	116,465	53,106	123,126	3,768	[5] 75,480	192,480	71,630	62,708	2,574	55,568
North Carolina	54,278	12,178	34,314	3,661	3,864	18,860	11,943	5,026	1,219	672
North Dakota	8,770	1,723	4,630	119	704	6,944	4,636	1,882	63	363
Ohio	125,638	12,482	33,864	3,635	30,742	93,518	67,105	9,745	1,822	14,845
Oklahoma	100,415	24,140	61,103	2,656	[7] 5,600	76,238	59,403	14,285	1,597	953
Oregon	22,980	3,244	8,160	383	5,815	20,786	12,684	3,713	249	4,140
Pennsylvania	87,785	46,098	119,196	[6] 15,284	37,258	112,753	40,924	45,382	[6] 7,194	19,252
Rhode Island	9,653	3,240	8,040	158	4,486	10,068	4,854	2,906	86	2,222
South Carolina	37,674	7,690	21,914	1,408	4,874	13,809	9,787	2,743	428	851
South Dakota	11,979	2,033	5,006	215	733	6,675	5,205	1,164	83	223
Tennessee	59,751	18,943	51,005	2,259	1,867	28,717	17,648	9,880	890	299
Texas	215,723	16,912	46,942	6,046	[3] 4,800	96,133	83,930	8,685	2,622	[3] 897
Utah	10,058	3,311	8,407	201	2,048	11,424	5,895	4,046	123	1,361
Vermont	6,562	940	2,554	185	[3] 1,050	3,656	2,701	500	88	[3] 368
Virginia	17,952	6,618	18,792	1,399	4,523	8,628	4,030	3,079	410	1,108
Washington	69,133	11,047	26,079	717	13,081	72,892	49,257	13,222	615	9,799
West Virginia	23,539	12,803	34,622	911	3,720	12,502	5,673	5,915	256	659
Wisconsin	49,316	8,308	20,843	1,334	6,719	35,697	23,237	8,465	672	3,322
Wyoming	4,088	469	1,271	93	430	3,491	2,647	505	65	274
Alaska	1,497	450	1,078	———	85	1,057	855	164	———	38
Hawaii	2,306	2,081	6,184	93	1,938	3,644	912	1,821	39	872

[1] Partly estimated; total not as large as sum of State figures because of adjustment for 2 States. See footnote 5.
[2] Excludes some cases and local funds not administered by State agency.
[3] Estimated.
[4] Excludes cases receiving assistance in kind only and, for a few counties, cases receiving cash payments.
[5] Includes unknown number of cases receiving medical care, hospitalization, or burial only.
[6] Represents program administered without Federal participation.
[7] Excludes estimated duplication between programs; 1,532 cases were aided by county commissioners and 4,459 cases under program administered by State Board of Public Welfare.

Source: Federal Security Agency, Social Security Administration, Bureau of Public Assistance; Annual Report of the Social Security Administration. Data appear periodically in Social Security Bulletin and Source of Funds for Public Assistance Payments.

No. 300.—Public Assistance—Recipients and Payments: 1943 to 1949

[Data partly estimated and subject to revision. Includes Alaska and Hawaii. For 1933-42 data on public assistance and Federal Work Programs, see *Statistical Abstract*, 1944-45, p. 196; data for 1936-42 in 1946-49 issues]

PROGRAM	1943	1944	1945	1946	1947	1948	1949
NUMBER OF RECIPIENTS (THOUSANDS)							
Old-age assistance	2,149	2,066	2,056	2,196	2,332	2,498	2,736
Aid to dependent children:							
Families	272	254	274	346	416	475	599
Children	676	639	701	885	1,060	1,214	1,521
Aid to the blind	76	72	71	77	81	86	93
Cases receiving general assistance	292	258	257	315	356	397	562
PAYMENTS (THOUSANDS OF DOLLARS)							
Total assistance	**930,234**	**942,457**	**989,686**	**1,182,594**	**1,485,727**	**1,736,798**	**2,186,720**
Old-age assistance	653,171	693,338	726,550	822,061	989,716	1,132,604	1,380,397
Aid to dependent children	140,942	135,015	149,667	208,857	294,961	364,160	475,540
Aid to the blind	25,143	25,342	26,557	30,748	36,253	41,382	48,533
General assistance	110,978	88,762	86,912	120,928	164,798	198,652	282,250

Source: Federal Security Agency, Social Security Administration, Bureau of Public Assistance; Social Security Yearbook, 1947 and records.

No. 301.—Maternal and Child-Health Services: 1944 to 1948

[Services administered or supervised by State health agencies under Social Security Act. Figures subject to revision]

TYPE OF SERVICE	NUMBER REPORTED				
	1944	1945	1946	1947	1948
MEDICAL SERVICES					
Maternity service:					
Cases admitted to antepartum medical service	129,596	116,961	130,909	151,117	152,774
Visits by antepartum cases to medical conferences	365,770	328,073	382,304	465,807	458,032
Cases given postpartum medical examination	30,413	28,806	31,737	40,391	44,534
Infant hygiene:					
Individuals admitted to medical service	169,799	169,965	187,045	245,514	263,819
Visits to medical conferences	488,169	495,681	556,956	741,543	762,110
Preschool hygiene:					
Individuals admitted to medical service	266,774	256,815	275,969	320,263	379,472
Visits to medical conferences	518,513	514,184	565,569	689,617	741,681
School hygiene:					
Examinations by physicians	1,271,748	1,117,129	1,605,208	1,877,951	2,071,695
PUBLIC-HEALTH-NURSING SERVICES					
Maternity service:					
Cases admitted to antepartum nursing service	265,889	237,691	233,263	233,676	228,695
Field and office visits to and by antepartum cases	698,448	618,369	624,240	639,463	626,818
Cases given nursing service at delivery	8,530	5,554	5,018	6,153	6,716
Cases admitted to postpartum nursing service	217,788	201,420	203,489	214,745	223,314
Nursing visits to postpartum cases	468,598	443,407	433,889	449,059	458,032
Infant hygiene:					
Individuals admitted to nursing service	500,353	467,036	461,480	516,374	530,183
Field and office nursing visits	1,449,390	1,359,038	1,290,745	1,482,933	1,471,616
Preschool hygiene:					
Individuals admitted to nursing service	542,436	535,189	495,465	494,883	541,539
Field and office nursing visits	1,274,156	1,224,241	1,167,002	1,188,246	1,273,197
School hygiene:					
Field and office nursing visits	2,034,640	2,165,911	2,214,855	2,199,012	2,427,045
IMMUNIZATIONS					
Smallpox	1,403,311	1,272,541	2,471,610	2,071,742	1,402,829
Diphtheria, total [1]	1,216,389	1,361,982	1,505,316	1,597,407	1,545,265
Under 1 year	165,861	177,874	178,635	262,922	236,475
1 through 4 years	350,611	366,302	362,066	336,179	320,918
5 years and over	696,856	753,953	902,089	891,393	840,864
DENTAL INSPECTIONS					
Inspections by dentists or dental hygienists:					
Preschool children	53,376	43,396	50,266	55,877	52,608
School children	833,478	744,098	1,110,044	1,628,826	2,037,983
MIDWIFE SUPERVISION					
Visits for midwife supervision	30,013	26,325	23,373	28,153	27,219

[1] Includes persons whose age was not reported.

Source: Federal Security Agency, Social Security Administration, Children's Bureau.

No. 302.—Maternal and Child Health and Welfare Services—Grants to States: Fiscal Year 1949

[In thousands of dollars. Based on checks issued]

STATE	Maternal and child health services	Services for crippled children	Child welfare services	Emergency maternity and infant care	STATE	Maternal and child health services	Services for crippled children	Child welfare services	Emergency maternity and infant care
Total	**11,240.2**	**8,161.8**	**3,669.4**	**77.9**	New Jersey	137.0	191.1	40.7	10.3
					New Mexico	146.7	74.4	28.3	----
Alabama	495.1	286.3	113.0	.8	New York	510.8	181.5	76.7	18.7
Arizona	89.8	100.6	43.9	----	North Carolina	339.4	362.8	147.7	----
Arkansas	240.0	206.0	96.1	2.2	North Dakota	92.6	56.4	35.3	.3
California	303.1	325.4	108.6	----	Ohio	338.5	228.8	76.5	----
Colorado	145.9	51.8	46.5	----	Oklahoma	160.6	191.8	77.6	1.6
Connecticut	100.9	140.4	40.8	----	Oregon	100.3	72.6	47.6	2.0
Delaware	72.5	22.8	20.7	----					
Dist. of Columbia	130.2	107.5	21.1	----	Pennsylvania	448.9	342.9	148.8	----
					Rhode Island	54.2	75.5	18.9	----
Florida	204.0	128.2	49.1	6.2	South Carolina	323.5	273.7	76.2	----
Georgia	512.8	254.4	97.5	----	South Dakota	57.4	85.6	38.6	----
Idaho	94.7	58.0	19.8	.5	Tennessee	381.0	195.3	96.7	1.3
Illinois	296.7	269.7	121.9	7.5	Texas	463.7	373.8	199.2	4.3
Indiana	197.4	112.8	40.9	----	Utah	74.1	104.8	41.4	----
Iowa	106.7	145.6	112.3	2.9	Vermont	53.8	52.4	35.1	----
Kansas	127.5	71.7	82.7	----	Virginia	317.4	316.7	83.1	----
Kentucky	366.1	260.2	106.3	.4					
Louisiana	344.1	187.6	67.2	----	Washington	172.5	107.3	94.3	----
					West Virginia	237.2	137.1	81.1	----
Maine	95.1	68.5	60.1	----	Wisconsin	188.2	186.3	98.7	.8
Maryland	256.5	159.5	51.4	----	Wyoming	44.4	20.6	24.4	.3
Massachusetts	301.3	139.4	51.3	----					
Michigan	294.0	203.7	103.9	6.3					
Minnesota	227.6	157.7	108.3	.7					
Mississippi	339.1	250.9	100.2	1.7	Alaska	120.0	77.3	28.5	----
Missouri	161.7	162.2	109.9	----	Hawaii	137.6	126.5	42.5	5.0
Montana	69.7	77.0	44.1	4.1	Puerto Rico	479.0	192.6	87.3	----
Nebraska	105.1	83.8	42.4	----	Virgin Islands	57.5	40.2	19.3	----
Nevada	50.9	17.2	35.1	----					
New Hampshire	66.4	44.9	29.8	----					

No. 303.—Services for Crippled Children: 1944 to 1948

[Services provided or financed by official State agencies under Social Security Act. Subject to revision]

TYPE OF SERVICE	NUMBER REPORTED				
	1944	1945	1946	1947	1948 [1]
Total number of children who received service	[2] 118,000	[3]	[2] 153,000	[2] 175,000	175,000
HOSPITAL IN-PATIENT CARE					
Number of children	23,549	23,916	27,052	28,556	30,000
Number of days' care	1,225,106	1,220,757	1,249,713	1,289,171	1,268,000
Average number of days per child	52.0	51.0	46.2	45.1	42.3
CONVALESCENT-HOME CARE					
Number of children	4,185	4,265	4,432	4,866	5,000
Number of days' care	447,642	463,747	445,330	478,556	453,000
Average number of days per child	107.0	108.7	100.5	98.3	90.6
CLINIC SERVICE OR PHYSICIAN'S SERVICE OUTSIDE CLINICS, HOSPITALS, AND CONVALESCENT HOMES					
Number of children	87,534	92,232	105,248	121,838	137,000
Number of visits	184,391	199,795	239,891	285,263	301,000
Average number of visits per child	2.1	2.2	2.3	2.3	2.2
Number of clinic visits	171,197	176,319	205,296	245,437	276,000
Number of visits for physician's service outside clinics, hospitals, and convalescent homes	13,194	23,476	34,595	39,826	25,000
Crippled children on State registers (at end of year)	378,829	408,411	449,545	484,480	510,000

[1] Preliminary estimates. Service categories not entirely comparable with preceding years.
[2] Estimated.
[3] Not available.

Source of tables 302 and 303: Federal Security Agency, Social Security Administration, Children's Bureau.

No. 304.—Children Receiving Service from Public Welfare Agencies, by State and by Living Arrangements: September 30, 1949

State and reporting coverage [1]	Total	In homes of parents or relatives		In foster-family homes		In institutions [2]		Elsewhere	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	[3] 231,252	92,811	([4])	98,082	([4])	31,700	([4])	8,398	([4])
Substantially complete reports, total	[3] 220,329	89,200	40	91,678	42	31,033	14	8,160	4
Alabama	7,957	6,107	77	1,099	14	718	9	33	([5])
Arizona	2,238	1,269	57	818	36	68	3	83	4
Arkansas	1,822	1,166	64	521	29	99	5	36	2
Colorado	[3] 1,763	932	53	574	33	239	13	15	1
Delaware	913	416	46	449	49	36	4	12	1
District of Columbia	[3] 2,831	1,057	38	1,023	37	592	21	111	4
Florida	1,814	900	50	732	40	135	7	47	3
Idaho	208	165	79	33	16	7	3	3	2
Illinois	4,019	659	16	2,968	74	259	7	133	3
Indiana	13,859	6,269	45	4,970	36	2,044	15	576	4
Iowa	2,474	1,741	70	342	14	319	13	72	3
Kansas	[3] 2,669	1,171	44	843	32	526	20	119	4
Kentucky	2,856	1,140	40	1,095	38	517	18	104	4
Louisiana	2,318	373	16	1,693	73	202	9	50	2
Maine	[3] 3,364	1,105	33	2,008	60	161	5	75	2
Maryland	2,706	690	25	1,856	69	119	4	41	2
Massachusetts	9,546	1,390	15	7,455	78	578	6	123	1
Minnesota	[3] 10,232	6,297	62	3,028	30	232	2	563	6
Mississippi	1,875	1,417	76	174	9	232	12	52	3
Missouri	5,081	2,949	58	1,816	36	174	3	145	3
Montana	1,034	519	50	429	42	63	6	23	2
Nebraska	1,733	781	45	474	28	386	22	92	5
Nevada	395	313	79	73	19	8	2	1	([5])
New Hampshire	2,255	906	40	958	43	363	16	28	1
New Jersey	8,974	1,932	22	5,365	60	387	4	1,290	14
New Mexico	1,153	504	44	491	42	125	11	33	3
New York	42,212	6,711	16	21,733	52	12,858	30	910	2
North Carolina	8,931	4,579	51	2,664	30	1,039	12	649	7
North Dakota	1,457	1,183	81	190	13	53	4	31	2
Ohio	[3] 16,891	4,420	26	7,881	47	4,019	24	534	3
Oklahoma	1,305	293	23	641	49	330	25	41	3
Rhode Island	[3] 2,125	642	31	1,152	55	227	11	73	3
South Carolina	3,854	2,858	74	474	12	448	12	74	2
South Dakota	696	365	52	251	36	46	7	34	5
Tennessee	1,017	672	66	252	25	78	8	15	1
Texas	3,544	2,463	69	672	19	346	10	63	2
Utah	886	377	43	465	52	25	3	19	2
Vermont	1,984	949	48	840	42	164	8	31	2
Virginia	7,199	2,574	36	3,961	55	440	6	224	3
Washington	6,282	2,537	41	2,976	47	515	8	254	4
West Virginia	6,227	4,150	67	1,667	27	268	4	142	2
Wisconsin	7,950	3,578	45	3,185	40	836	11	351	4
Wyoming	250	169	68	57	23	18	7	6	2
Alaska	756	342	45	118	16	278	37	18	2
Hawaii	[3] 2,443	1,285	52	803	33	263	11	90	4
Puerto Rico	7,655	6,417	84	354	4	146	2	738	10
Virgin Islands	573	468	82	55	10	47	8	3	([5])
Incomplete reports, total	10,923	3,611	([4])	6,404	([4])	667	([4])	238	([4])
California	3,073	882	([4])	2,126	([4])	44	([4])	21	([4])
Connecticut	629	476	([4])	123	([4])	27	([4])	3	([4])
Georgia	1,851	625	([4])	958	([4])	178	([4])	90	([4])
Michigan	[3] 1,335	185	([4])	1,081	([4])	59	([4])	7	([4])
Oregon	1,147	369	([4])	714	([4])	17	([4])	47	([4])
Pennsylvania	2,888	1,074	([4])	1,402	([4])	342	([4])	70	([4])

[1] The States classified as having substantially complete coverage reported 90 percent or more of children served. Those classified as incomplete reported less than 90 percent of children served.

[2] The children reported as in institutions represent only those children served by workers attached to State or local public welfare agencies and not all children receiving institutional care.

[3] Includes a number of children for whom whereabouts are unknown.

[4] Not computed because of incomplete report.

[5] Less than 0.5 percent.

Source: Federal Security Agency, Social Security Administration, Children's Bureau.

No. 305.—Vocational Rehabilitation of Disabled Persons—Number, by Type of Disability and Occupation: 1946 to 1949

[For fiscal years ending June 30]

TYPE	1946 [1]	1947	1948	1949
DISABILITY				
Total	**36,106**	**43,880**	**53,131**	**58,020**
Amputated or missing members	5,132	5,949	7,276	7,398
Impairment of extremities	10,202	12,022	13,510	14,275
Impairment of other parts of body [2]	2,518	3,040	3,532	3,905
Visual:				
Blind	1,335	2,157	2,569	3,166
Other visual	2,524	3,025	3,631	3,895
Aural:				
Deaf	827	965	1,064	1,152
Hard of hearing	1,787	2,423	3,436	3,935
Speech defect	293	392	538	648
Diseases:				
Tuberculosis, pulmonary	2,896	3,519	4,433	4,738
Cardiac	1,264	1,734	2,125	2,284
Other	5,339	6,091	7,745	8,780
Mental disorders	1,954	2,546	3,237	3,838
Not reported	35	17	35	6
JOB OR OCCUPATION				*1946–48, average*
Total	**36,106**	**43,880**	**53,131**	**44,372**
Professional	2,080	2,273	2,749	2,367
Semiprofessional	1,233	1,160	1,320	1,238
Managerial and official	661	888	969	839
Clerical and kindred	6,237	6,780	7,955	6,991
Sales and kindred	1,666	2,373	3,176	2,405
Service occupations	4,989	6,076	7,533	6,199
Agriculture, fishing, etc	2,385	3,446	4,221	3,351
Skilled	7,052	7,516	8,654	7,741
Semiskilled	5,291	6,539	7,796	6,542
Unskilled	3,343	3,901	4,923	4,056
Family workers and housewives	1,086	2,847	3,807	2,580
Not reported	83	81	28	64

[1] Partially estimated.
[2] Includes spine, neck, head, facial disfigurement, dwarf.

Source: Federal Security Agency, Office of Vocational Rehabilitation; Annual Report of Federal Security Agency.

No. 306.—Vocational Rehabilitation of Disabled Persons—Number and Expenditures, by State or Other Area: 1949

[Expenditures in thousands of dollars. For year ending June 30]

State or other area	Number rehabilitated	Number in process of rehabilitation on June 30	Expenditures				
			Total	By State boards of vocational education		By State agencies for the blind	
				Total	Federal	Total	Federal
Total	**58,020**	**133,714**	**25,819**	**23,285**	**16,239**	**2,534**	**1,977**
Alabama	1,675	4,127	593	593	383	----	----
Arizona	188	419	85	85	60	----	----
Arkansas	756	2,016	319	319	234	----	----
California	5,004	11,239	2,117	2,117	1,498	----	----
Colorado	417	853	163	136	106	27	21
Connecticut	1,116	2,876	515	489	358	26	22
Delaware	436	774	197	168	115	29	23
District of Columbia	404	1,117	202	202	177	----	----
Florida	1,861	4,000	782	597	402	185	144
Georgia	3,075	6,355	1,262	1,262	861	----	----
Idaho	123	266	57	41	30	16	13
Illinois	3,513	5,672	1,787	1,787	1,169	----	----
Indiana	975	3,444	584	517	337	67	49
Iowa	725	1,929	270	251	187	19	14
Kansas	694	1,198	221	188	136	33	26
Kentucky	859	1,580	253	253	177	----	----
Louisiana	1,265	2,954	578	507	361	71	61
Maine	276	629	146	125	87	21	16
Maryland	837	2,495	357	357	259	----	----
Massachusetts	561	1,398	284	284	219	----	----
Michigan	4,554	9,613	1,555	1,404	970	151	124
Minnesota	720	2,737	302	244	172	58	47
Mississippi	1,022	1,785	495	397	284	98	78
Missouri	1,137	2,730	594	489	347	105	84
Montana	353	835	173	149	110	24	17
Nebraska	441	935	207	166	117	41	31
Nevada	40	145	26	26	19	----	----
New Hampshire	98	256	61	48	34	13	11
New Jersey	1,245	2,615	505	411	302	94	76
New Mexico	181	406	105	94	62	11	9
New York	3,248	8,182	1,446	1,199	896	247	184
North Carolina	2,538	4,798	1,031	820	510	212	157
North Dakota	193	403	114	114	74	----	----
Ohio	1,288	3,099	706	507	346	199	155
Oklahoma	1,000	2,979	543	543	394	----	----
Oregon	486	1,555	283	256	177	27	21
Pennsylvania	2,823	7,157	1,355	1,064	776	291	221
Rhode Island	220	768	129	104	73	25	21
South Carolina	1,827	3,008	640	605	401	35	28
South Dakota	114	343	74	57	37	17	13
Tennessee	1,517	2,895	665	577	399	88	71
Texas	2,208	6,318	1,118	966	655	152	124
Utah	361	977	206	206	140	----	----
Vermont	169	430	135	109	70	25	17
Virginia	1,193	3,080	580	552	359	28	20
Washington	684	1,715	459	433	307	26	19
West Virginia	1,556	3,218	498	498	352	----	----
Wisconsin	1,144	3,226	582	541	392	42	38
Wyoming	153	265	76	76	56	----	----
Hawaii	177	641	128	95	74	32	23
Puerto Rico	567	1,259	256	256	176	----	----

Source: Federal Security Agency, Office of Vocational Rehabilitation; Annual Report of Federal Security Agency.

No. 307.—Civil Service Retirement Act—Annuities and Lump-Sum Payments: 1939 to 1949

[**Dollar amounts in thousands.** See general note, p. 223]

JUNE 30 OR YEAR ENDING JUNE 30—	ANNUITIES [1]					LUMP-SUM PAYMENTS					
	Number certified	Number terminated	Number in force		Annual value	Separated employees [2]		Deceased employees [3]		Deceased annuitants [4]	
			Total [5]	Disability		Number	Amount	Number	Amount	Number	Amount
1939	5,796	3,541	58,385	14,315	$57,074	14,800	$2,727	2,871	$3,155	2,242	$1,405
1940	7,267	3,625	62,027	15,294	59,879	15,183	2,857	2,812	3,723	2,145	1,483
1941	8,223	4,132	66,118	16,768	63,468	21,100	3,618	3,738	4,290	2,775	1,726
1942	7,504	4,443	69,179	18,032	66,456	45,592	5,596	3,780	3,904	2,611	1,686
1943	9,679	4,886	73,972	19,602	71,450	111,363	7,178	6,312	4,987	2,658	2,003
1944	10,041	5,659	78,354	21,158	75,653	390,284	21,536	9,061	5,155	2,915	2,263
1945	12,380	5,511	85,225	23,389	82,346	900,858	62,377	16,374	7,441	3,062	2,476
1946	16,034	5,113	96,146	26,827	91,887	1,450,434	185,086	17,924	8,546	2,990	2,563
1947	22,158	6,888	111,416	31,502	103,321	943,026	178,853	17,304	10,372	3,971	3,710
1948	21,879	7,448	125,897	35,353	134,247	432,000	112,846	10,968	9,361	3,563	3,539
1949	31,371	8,935	148,336	39,076	154,252	228,554	61,407	6,338	3,926	4,872	4,685

[1] Through June 30, 1940, data relate entirely to employees retired voluntarily or involuntarily under various age and length of service requirements and to employees with at least 5 years of service who became totally disabled for the position occupied prior to eligibility for retirement. Beginning Jan. 1, 1940, employees may elect a joint and survivor annuity, and beginning Feb. 29, 1948, widows and minor children of deceased employees and annuitants are eligible for survivor annuities under certain conditions; number of survivor annuities in force as of June 30 increased from 26 in 1941 to 9,429 in 1949. Beginning Jan. 24, 1942, employees with at least 5 years service who separate voluntarily or involuntarily prior to eligibility for retirement may obtain deferred annuity at age 62; such annuitants increased from 5 as of June 30, 1942, to 22,619 as of June 30, 1949. Excludes annuities purchased by voluntary contributions.

[2] Data relate to refunds of amounts to employees' credit in fund paid to employees not eligible for an annuity or, if eligible, elected to take a refund.

[3] Data relate to refunds of amounts to employees' credit paid to designated or other beneficiaries of employees who died while in service or after separation.

[4] Data relate to refunds of balance of amount to annuitants' credit at time of death paid to designated or other beneficiaries of annuitants. Includes refunds to disability annuitants, whose entitlement to an annuity was terminated, and unexpended balances paid upon termination of survivor annuities.

[5] Due to adjustments, number in force at end of fiscal year does not in all cases equal number certified less number terminated in that year, plus number in force at end of preceding fiscal year.

Source: Civil Service Commission, annual retirement report.

No. 308.—Canal Zone and Alaska Railroad Retirement Acts—Annuities and Lump-Sum Payments: 1939 to 1949

[See general note, p. 223]

JUNE 30 OR YEAR ENDING JUNE 30—	ANNUITIES					LUMP-SUM PAYMENTS					
	Number certified	Number terminated	Number in force		Annual value	Separated employees		Deceased employees		Deceased annuitants	
			Total	Disability		Number	Amount	Number	Amount	Number	Amount
	CANAL ZONE RETIREMENT ACT										
1939	86	15	578	155	$776,155	131	$54,773	26	$39,573	11	$14,933
1940	72	39	611	164	819,966	126	35,679	28	39,416	25	26,390
1941	90	29	672	189	904,840	514	96,415	27	56,617	29	27,611
1942	56	34	694	191	944,328	1,094	238,785	19	32,290	22	30,109
1943	88	47	735	211	1,019,684	1,345	282,515	23	44,306	20	26,012
1944	94	44	785	232	1,122,944	1,678	327,476	36	55,571	22	23,425
1945	114	52	847	256	1,228,335	1,091	264,857	26	27,776	24	38,396
1946	126	42	931	261	1,389,160	1,338	363,183	25	41,279	24	37,690
1947	133	47	1,017	279	1,559,843	1,215	339,094	32	52,424	33	60,428
1948	126	41	1,102	314	1,708,588	590	191,995	27	55,191	34	72,927
1949	113	64	1,151	325	1,723,606	414	151,986	16	17,450	36	75,051
	ALASKA RAILROAD RETIREMENT ACT										
1939	14	3	59	11	58,937	90	7,316	5	1,363	2	2,339
1940	14	5	68	13	66,816	71	10,699	9	3,589	7	6,562
1941	16	3	81	18	79,399	90	15,060	6	2,480	3	2,798
1942	18	5	94	21	92,537	29	5,517	4	3,850	2	1,214
1943	16	5	105	24	101,924	212	33,445	6	1,184	5	4,422
1944	23	10	118	28	118,207	261	62,617	6	6,225	3	1,289
1945	10	3	125	28	126,107	186	41,354	11	8,232	2	2,116
1946	28	9	144	27	151,764	813	84,817	5	4,990	2	2,652
1947	22	10	156	28	166,315	736	109,299	16	8,585	5	3,775
1948	13	5	164	30	178,006	742	93,648	5	1,559	5	5,668
1949	40	15	189	43	209,146	1,808	200,319	21	17,064	11	12,587

Source: Civil Service Commission, annual retirement report.

No. 309.—Civil Service Retirement Act—Annuitants on Roll by Amount of Regular Annuity: June 30, 1944 to 1949

Amount of annuity	Number of annuitants					
	1944	1945	1946	1947	1948	1949
Total	**78,354**	**85,225**	**96,146**	**111,416**	**125,897**	**148,336**
Under $300	3,074	3,849	5,631	10,932	11,856	17,639
$300–$599	9,717	10,879	13,007	16,918	17,820	23,287
$600–$899	15,833	16,827	18,548	20,545	17,960	21,356
$900–$1,199	18,557	19,691	21,355	23,244	19,711	21,033
$1,200	26,582	27,510	23,926	23,770	[1] 6,280	26,239
$1,201–$1,499	2,987	4,053	8,774	10,004	18,612	
$1,500–$1,799	772	1,146	2,408	2,874	[1] 26,903	28,212
$1,800–$2,099	345	524	1,087	1,352	3,213	4,922
$2,100 and over	487	746	1,410	1,777	3,542	5,648
Average annuity	$966	$966	$956	$927	$1,066	$1,040

[1] Under amendment of Feb. 28, 1948, majority of annuitants formerly receiving $1,200 now receive $1,500. On June 30, 1948, there were 17,224 annuitants receiving exactly $1,500.

Source: Civil Service Commission, annual retirement report.

No. 310.—Federal Retirement Systems Other Than Civil Service—Beneficiaries and Payments: 1940 to 1949

[Fiscal year ending June 30; corrected to December 1, 1949]

System	Number of beneficiaries as of June 30				Payments ($1,000)			
	1940	1945	1948	1949	1940	1945	1948	1949
Noncontributory retirement systems, total	**32,206**	**37,614**	**74,683**	**87,686**	**53,309**	**65,428**	**160,709**	**187,841**
Air Force				5,181				10,056
Army	15,760	18,998	33,421	37,533	27,121	36,745	73,193	83,112
Navy	12,529	11,981	29,685	31,699	19,901	19,298	65,713	70,527
Marine Corps	1,383	1,717	4,031	4,381	2,624	2,687	7,922	8,707
Coast Guard [1]	1,700	2,099	4,510	4,885	2,161	3,179	9,729	10,942
Lighthouse Service	718	832	844	831	803	932	974	1,060
Coast and Geodetic Survey	10	9	33	40	35	30	133	160
Public Health Service	68	81	134	150	258	315	500	546
Retired judges	38	43	47	45	406	467	570	641
Canal Zone [2]		1,854	1,978	2,941		1,775	1,975	2,090
Contributory retirement systems: [3]								
Total benefits and refunds	**2,680**	**16,174**	**9,482**	**7,976**	**1,187**	**3,100**	**4,185**	**4,024**
Total benefits	**711**	**1,117**	**1,656**	**1,764**	**874**	**1,460**	**2,310**	**2,381**
Retirement, disability, and survivor monthly benefits, total	643	1,008	1,543	1,661	684	1,171	1,914	2,054
Foreign Service	97	188	273	285	297	525	909	991
Federal Reserve banks [4]	532	771	1,134	1,186	373	606	929	[5] 1,000
Tennessee Valley Authority	1	25	105	190	([6])	10	43	63
Bureau Comptroller of the Currency [7]	13	24	31		13	31	34	
Survivor lump-sum payments, total [8]	68	109	113	103	190	289	395	327
Foreign Service	2	10	2		1		13	
Federal Reserve Banks [4]	57	71	89	83	176	239	337	[5] 290
Tennessee Valley Authority	7	19	20	20	9	22	37	37
Bureau Comptroller of the Currency [7]	2	9	2		4	28	9	
Refunds [9]	1,969	15,057	7,826	6,212	313	1,640	1,875	1,643
Foreign Service	14	5	7	9	43	12	3	6
Federal Reserve Banks [4]	1,682	9,480	5,332	4,266	232	891	1,233	[5] 1,075
Tennessee Valley Authority	228	5,500	2,403	1,937	8	672	570	562
Bureau Comptroller of the Currency [7]	45	72	84		30	64	70	

[1] Includes life-saving service.
[2] Special system for workers on Panama Canal during construction period; administered by Civil Service Commission.
[3] Excludes system for civilian instructors of Naval Academy; data for 1949 partly estimated.
[4] Data adjusted from figures for fiscal year ending February 28.
[5] Preliminary.
[6] Less than $500.
[7] Data adjusted from figures for calendar year. Integrated since July 1948 with civil service retirement and disability fund.
[8] Number of deceased active and retired members, and amount of payments.
[9] Return of members' contributions with interest on separation from employment.

Source: Federal Security Agency, Social Security Administration, Division of Research and Statistics.

sons living in private households at the time of the survey; dependency allotments and contributions from members of the armed forces; veterans payments; social security payments, unemployment and workmen's compensation, pensions and assistance; and miscellaneous items such as periodic contributions for support from persons not in the household, periodic payments from insurance policies or annuities, and alimony. The income is for the calendar year and is before deduction of income taxes (except for 1944 Bureau of Labor Statistics data in table 321) or social security taxes. Nonmoney items of income are not covered. None of the aggregate income concepts (gross national product, national income, or personal income) is comparable with consumer money income. The nearest approximation is personal income.

Expenditures and savings.—The Bureau of Labor Statistics most recent survey of family income, expenditures, and savings on a Nation-wide basis is for the year 1944. The Survey of Prices Paid by Consumers in 1944 was based on a sample of 1,700 families and single persons in 28 metropolitan districts and 20 cities with populations under 50,000 outside of metropolitan districts. These places were selected to represent (with respect to region, State and city size) all cities in the United States with a population of 2,500 or more.

For this study a family is defined as a group of persons dependent on a common or pooled income for the major items of expense and usually living in the same household. A single person is one who lives alone or with unrelated people in a private home, lodging house, or hotel. Since 1945, the Bureau has made similar surveys of family expenditure in three cities each year to obtain data necessary to check the prices and weighting patterns used in the consumers' price index; 1945 expenditure data were obtained for Birmingham, Ala.; Indianapolis, Ind.; and Portland, Oreg. (see *Monthly Labor Review*, June 1948); 1946 data for Milwaukee, Wis.; Scranton, Pa., and Savannah, Ga. (available upon request to the Bureau of Labor Statistics); 1947 data for Washington, D. C.; Manchester, N. H.; and Richmond, Va. (see *Monthly Labor Review*, April 1949); and 1948 data for Denver, Colo.; Detroit, Mich.; and Houston, Tex. (available in 1950).

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series A 117–133") provide cross-references, where applicable, to *Historial Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 311.—The Nation's Economic Budget: 1948 and 1949

[**Billions of dollars.** For explanation of Nation's Economic Budget, see text, p. 258.]

Economic group	1948			1949 [1]		
	Receipts	Expenditures	Excess or deficit	Receipts	Expenditures	Excess or deficit
Gross national product, total	**262.4**	**262.4**	**0**	**258.7**	**258.7**	**0**
Consumers:						
Disposable income relating to current production	175.8			177 0		
Transfers and interest [2]	*14.9*			*15.9*		
Disposable personal income [2]	*190.8*			*192.9*		
Expenditures for goods and services		178.8			178.5	
Personal saving (+) [2]			*+12.0*			*+14.4*
Business:						
Retained business receipts [3]	26.8			27.6		
Gross private domestic investment		45.0			36.8	
Excess of investment (−) [2]			*−18.2*			*−9.2*
International:						
Net cash government loan transfers abroad [2]	*1.3*			*.7*		
Net foreign investment		1.9			0	
Excess of receipts (+) or investment (−) [2]			*−.6*			*+.7*
Government (Federal, State, and local):						
Tax payments or liabilities	60.2			56.3		
Adjustment to cash basis [2]	*−.3*			*+1 2*		
Cash receipts from the public [2]	*59.9*			*57.5*		
Purchases of goods and services		36.7			43.5	
Government transfers [2]		*16.0*			*17.1*	
Cash payments to the public [2]		*52.7*			*60.6*	
Excess of receipts (+) or payments (−)			*+7.2*			*−3.0*
Adjustments:						
For receipts relating to gross national product	−.4		−.4	−2.2		−2.2
Other adjustments	*0*		*0*	*−.8*		*−.8*

[1] Estimates based on incomplete data. [2] These items are not included in gross national product.
[3] Includes adjustment for inventory valuation.

Source: Council of Economic Advisers; Economic Report of the President, Jan. 1950, p. 65.

No. 312.—Gross National Product or Expenditure: 1929 to 1949

[**In millions of dollars.** For definition of gross national product, see text, p. 259. See also *Historical Statistics*, series A 101-116.]

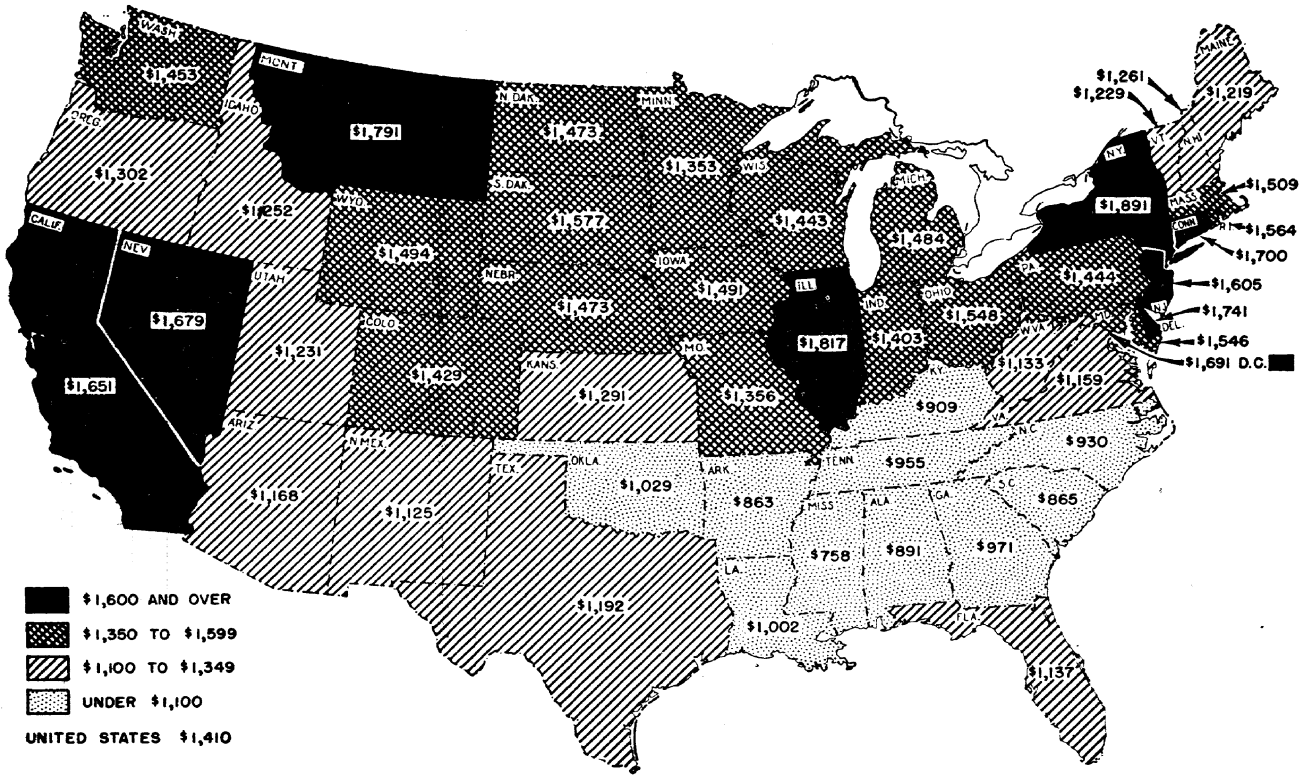
Item	1929	1933	1939	1941	1943	1945	1946	1947	1948	1949 [1]
Gross national product	**103,828**	**55,760**	**91,339**	**126,417**	**194,338**	**215,210**	**212,613**	**235,697**	**262,434**	**257,400**
Personal consumption expenditures	78,761	46,346	67,466	82,255	102,244	123,079	147,758	166,940	178,788	179,400
Durable goods	9,362	3,503	6,729	9,750	6,824	8,472	16,481	21,996	23,519	24,400
Nondurable goods	37,742	22,254	35,258	43,960	60,970	74,886	86,750	96,188	102,200	98,900
Services	31,657	20,589	25,479	28,545	34,450	39,721	44,527	48,756	53,069	56,100
Gross private domestic investment	15,824	1,306	9,917	18,334	5,709	10,733	29,455	31,090	45,008	34,700
New construction [2]	7,824	1,142	4,899	6,784	2,549	3,934	10,258	13,812	17,892	17,300
Producers' durable equipment	6,438	1,783	4,577	7,676	4,082	7,545	12,486	17,207	20,601	19,700
Change in business inventories	1,562	−1,619	441	3,874	−922	−746	6,711	71	6,455	−2,300
Net foreign investment	771	150	888	1,124	−2,245	−1,438	4,672	8,898	1,901	0
Government purchases of goods and services	8,472	7,958	13,068	24,704	88,630	82,836	30,728	28,769	36,737	43,400
Federal	1,311	2,018	5,157	16,923	81,223	74,796	20,792	15,693	20,897	25,400
War [3]	1,344	2,022	{1,258	13,794	80,384	75,923	21,184	17,003	21,502	25,800
Nonwar [3]			{3,908	3,173	1,480	1,031	2,469			
Less: Government sales [4]	33	4	9	44	641	2,158	2,861	1,310	605	400
State and local	7,161	5,940	7,911	7,781	7,407	8,040	9,936	13,076	15,840	18,000

[1] Preliminary; represents later estimate than in tables 311 and 314.
[2] Includes construction expenditures for crude petroleum and natural gas drilling; and, for 1939-49, major additions and alterations to residential buildings, profit margins of residential builders, residential land development costs, settlement and allied charges, engineering and architectural fees, and value of construction of a few minor types of nonresidential structures.
[3] Classification of purchases of goods and services into war and nonwar conforms, in general, to Daily Treasury Statement classification of general and special account expenditures. War purchases include also that part of capital formation of government enterprises attributable to war activities. Government contributions to National Service Life Insurance Fund are classified as war; all other government contributions for social insurance, as nonwar.
[4] Consists of sales abroad and domestic sales of surplus consumption goods and materials.

Source: Department of Commerce, Office of Business Economics; Survey of Current Business (National Income Supplement, July 1947, and July 1949 and February 1950 issues).

FIGURE K.—PER CAPITA INCOME PAYMENTS TO INDIVIDUALS: 1948

[See table 318]



Source: Department of Commerce, Office of Business Economics.

No. 313.—Personal Consumption Expenditures: 1939 to 1949

Millions of dollars. Represents market value of purchases of goods and services by individuals and nonprofit institutions and value of food, clothing, housing, and financial services received by them as income in kind. Includes rental value of owner-occupied houses, but not purchases of dwellings, which are classified as capital goods. Includes expenditures by Federal civilian and military personnel temporarily abroad]

ITEM	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949[1]
Total goods and services	67,466	72,052	82,255	91,161	102,244	111,550	123,079	147,758	166,940	178,788	179,400
Durable goods	6,729	7,854	9,750	7,060	6,824	7,103	8,472	16,481	21,996	23,519	24,400
Automobiles and parts	2,136	2,728	3,342	688	797	858	1,087	4,386	7,166	8,171	10,100
Furniture and household equipment	3,404	3,826	4,788	4,503	3,805	3,737	4,433	8,212	10,838	11,389	10,600
Other durable goods	1,189	1,300	1,620	1,869	2,222	2,508	2,952	3,883	3,992	3,959	3,600
Nondurable goods	35,258	37,594	43,960	52,871	60,970	67,054	74,886	86,750	96,188	102,200	98,900
Clothing and shoes	7,024	7,385	8,781	11,042	13,720	15,288	17,099	18,615	19,074	19,977	18,600
Food and alcoholic beverages	19,299	20,725	24,403	30,464	35,314	38,894	42,994	51,014	57,832	61,085	59,300
Gasoline and oil	2,181	2,264	2,628	1,908	1,198	1,206	1,616	2,950	3,528	4,135	4,500
Semidurable housefurnishings	760	811	950	1,114	1,278	1,393	1,430	1,836	1,868	1,930	1,900
Tobacco	1,773	1,875	2,073	2,329	2,579	2,567	2,930	3,453	3,874	4,147	4,300
Other nondurable goods	4,221	4,534	5,125	6,014	6,881	7,706	8,817	8,882	10,012	10,926	10,300
Services	25,479	26,604	28,545	31,230	34,450	37,393	39,721	44,527	48,756	53,069	56,100
Household operation	3,585	3,839	4,033	4,527	4,962	5,550	6,062	6,339	7,017	7,683	8,200
Housing	8,940	9,217	9,863	10,594	11,125	11,702	12,205	13,135	14,507	15,902	16,900
Personal services	1,438	1,597	1,771	2,069	2,485	2,672	2,934	3,475	3,686	3,677	3,700
Recreation	1,560	1,672	1,821	2,072	2,260	2,697	3,019	3,729	3,867	3,946	4,000
Transportation	1,880	1,960	2,201	2,701	3,526	3,719	3,853	4,455	4,770	5,085	5,200
Other services	8,076	8,319	8,856	9,267	10,092	11,053	11,648	13,394	14,909	16,776	18,100

[1] Preliminary.

Source: Department of Commerce, Office of Business Economics: Survey of Current Business (National Income Supplement, July 1947, and July 1949 and February 1950 issues).

No. 314.—Gross Private Domestic Investment and its Components: 1929 to 1949

[**In billions of dollars.** Consists of acquisitions of newly produced capital goods by private business and nonprofit institutions and of value of change in volume of inventories held by them; covers all private new dwellings, including those acquired by owner-occupants]

CLASS	1929	1933	1939	1941	1943	1945	1946	1947	1948	1949[1]
Gross private domestic investment, total[2]	15.8	1.3	9.9	18.3	5.7	10.7	29.5	31.1	45.0	36.8
Nonfarm producers' plant and equipment, total[2]	9.8	2.3	5.7	9.3	4.6	8.7	16.0	20.6	24.7	23.2
Equipment[3]	5.7	1.6	4.0	6.6	3.5	6.3	10.8	14.6	17.3	16.4
Construction[2,4]	4.1	.7	1.7	2.7	1.1	2.4	5.2	6.0	7.4	6.8
Farm equipment and construction[5]	1.1	.3	.8	1.3	.9	1.4	2.0	3.1	3.9	4.0
Residential construction (nonfarm)[2]	2.8	.3	2.7	3.4	1.0	1.1	4.1	6.6	9.1	8.8
Other private construction[6]	.5	.1	.2	.3	(7)	.2	.6	.7	1.0	1.2
Net change in business inventories	1.6	−1.6	.4	3.9	−.9	−.7	6.7	.1	6.5	−.4
Nonfarm	1.8	−1.3	.3	3.4	−.5	−.6	6.9	2.2	5.1	−1.0
Farm	−.3	−.3	.1	.5	−.4	−.1	−.2	−2.2	1.3	.6

[1] Estimates based on incomplete data.
[2] Beginning 1939, includes certain outlays incident to construction which have not yet been estimated for years prior to 1939. For further details, see *Survey of Current Business*, July 1949, p. 7.
[3] Total producers' durable equipment, less "farm machinery and equipment" and farmers' purchases of "tractors" and "business motor vehicles." These figures assume that farmers purchase 85 and 15 percent, respectively, of all tractors and motor vehicles used for productive purposes.
[4] Industrial buildings, public utilities, gas and oil well drilling, warehouses, office and loft buildings, stores, restaurants, garages, and hotels.
[5] Farm construction (residential and nonresidential), plus "farm machinery and equipment" and farmers' purchases of "tractors" and "business motor vehicles." (See footnote 3.)
[6] Includes religious, educational, social and recreational, hospital and institutional, and miscellaneous nonresidential.
[7] Less than $50,000,000.

Source: Council of Economic Advisers (based on total as provided by Office of Business Economics); Economic Report of the President, January 1950, Appendix Table C-3.

No. 315.—National Income by Distributive Shares: 1929 to 1949

[**In millions of dollars.** For definition of national income, see text, p. 259. See also *Historical Statistics*, series A 117-133]

TYPE OF SHARE	1929	1933	1939	1941	1943	1945	1946	1947	1948	1949 [1]
National income	**87,355**	**39,584**	**72,532**	**103,834**	**169,686**	**182,691**	**179,562**	**201,709**	**226,204**	**221,500**
Compensation of employees	50,786	29,330	47,820	64,280	109,212	123,026	117,011	127,605	140,261	141,100
Wages and salaries [2]	50,165	28,825	45,745	61,708	105,647	117,673	111,422	122,276	135,283	135,600
Private	45,206	23,660	37,519	51,537	78,814	82,101	90,537	104,763	116,146	114,600
Military	312	270	398	1,862	14,445	22,598	7,962	3,951	3,910	4,200
Government civilian [3]	4,647	4,895	7,828	8,309	12,388	12,974	12,923	13,562	15,227	16,800
Supplements to wages and salaries	621	505	2,075	2,572	3,565	5,353	5,589	5,329	4,978	5,500
Employer contributions for social insurance	101	133	1,540	1,983	2,677	3,805	3,986	3,539	2,995	3,400
Other labor income	520	372	535	589	888	1,548	1,603	1,790	1,983	2,100
Income of unincorporated enterprises and inventory valuation adjustment	13,927	5,207	11,282	16,504	26,731	31,247	35,035	38,531	42,848	38,100
Business and professional	8,262	2,925	6,776	9,566	14,963	18,719	20,790	23,111	24,477	24,000
Income of unincorporated enterprises	8,120	3,450	6,942	10,210	15,117	18,832	22,676	24,727	24,874	(4)
Inventory valuation adjustment	142	−525	−166	−644	−154	−113	−1,886	−1,616	−397	(4)
Farm [5]	5,665	2,282	4,506	6,938	11,768	12,528	14,245	15,420	18,371	14,100
Rental income of persons	5,811	2,018	3,465	4,322	6,109	6,256	6,215	6,544	6,648	6,700
Corporate profits and inventory valuation adjustment	10,290	−1,981	5,753	14,615	24,279	19,153	18,331	25,615	32,623	31,400
Corporate profits before tax	9,818	162	6,467	17,232	25,052	19,717	23,500	31,602	34,793	28,800
Corporate profits tax liability	1,398	524	1,462	7,846	14,406	11,215	9,620	12,511	13,619	11,400
Corporate profits after tax	8,420	−362	5,005	9,386	10,646	8,502	13,940	19,091	21,174	17,300
Dividends	5,823	2,066	3,796	4,465	4,493	4,699	5,808	7,018	7,932	8,400
Undistributed profits	2,597	−2,428	1,209	4,921	6,153	3,803	8,132	12,073	13,242	8,900
Inventory valuation adjustment	472	−2,143	−714	−2,617	−773	−564	−5,229	−5,987	−2,170	2,600
Net interest	6,541	5,010	4,212	4,113	3,355	3,009	2,970	3,414	3,824	4,200

[1] Preliminary.
[2] Includes employee contributions to social insurance funds.
[3] Includes pay of employees of government enterprises and of permanent U. S. residents employed in U. S. by foreign governments and international organizations.
[4] Not available.
[5] Inventory valuation adjustment data for farms are not available separately.

Source. Department of Commerce, Office of Business Economics; Survey of Current Business (National Income Supplement, July 1947, and July 1949 and February 1950 issues).

No. 316.—Personal Income and Disposition of Income: 1929 to 1949

[**Millions of dollars.** For definition of personal income, see text, p. 259. See also *Historical Statistics*, series A 134-144]

ITEM	1929	1933	1939	1941	1943	1945	1946	1947	1948	1949 [1]
Personal income	**85,127**	**46,629**	**72,607**	**95,308**	**150,286**	**171,927**	**176,908**	**193,508**	**211,900**	**209,800**
Wage and salary receipts	50,023	28,673	45,149	60,907	103,599	115,326	109,440	120,153	133,108	133,500
Total employer disbursements	50,165	28,825	45,745	61,708	105,438	117,659	111,452	122,261	135,253	135,700
Less: Employee contributions for social insurance	142	152	596	801	1,839	2,333	2,012	2,108	2,145	2,200
Other labor income [2]	520	372	535	589	888	1,548	1,603	1,790	1,983	2,100
Proprietors' and rental income [3]	19,738	7,225	14,747	20,826	32,840	37,503	41,250	45,075	49,496	44,800
Dividends	5,823	2,066	3,796	4,465	4,493	4,699	5,808	7,018	7,932	8,400
Personal interest income	7,524	6,180	5,417	5,402	5,495	6,672	7,401	7,785	8,267	8,900
Transfer payments [4]	1,499	2,113	2,963	3,119	2,971	6,179	11,406	11,687	11,114	12,200
Less. Personal tax and nontax payments	2,643	1,464	2,440	3,293	17,845	20,867	18,814	21,514	21,107	18,600
Federal	1,263	474	1,235	2,010	16,517	19,379	17,162	19,650	19,003	16,200
State and local	1,380	990	1,205	1,277	1,328	1,488	1,652	1,864	2,104	2,400
Equals: Disposable personal income	82,484	45,165	70,167	92,015	132,441	151,060	158,094	171,994	190,793	191,200
Less: Personal consumption expenditures	78,761	46,346	67,466	82,255	102,244	123,079	147,758	166,940	178,788	179,400
Equals: Personal saving	3,723	−1,181	2,701	9,760	30,197	27,981	10,336	5,054	12,005	11,800

[1] Preliminary.
[2] Includes compensation for injuries, employer contributions to private pension and welfare funds, and other payments.
[3] Includes business and professional income, farm income, and rental income of unincorporated enterprise; also the noncorporate inventory valuation adjustment.
[4] Includes government social insurance benefits, direct relief, mustering-out pay, veterans' readjustment allowances and other payments, as well as consumer bad debts and other business transfers.

Source: Department of Commerce, Office of Business Economics; Survey of Current Business (National Income Supplement, July 1947, and July 1949 and February 1950 issues).

No. 317.—National Income by Industrial Origin: 1929 to 1948

[**In millions of dollars.** National income (for definition, see text, p. 259) originating in each industry is the sum of factor costs incurred by the industry in production. Hence, it is net value added to production by industry measured at factor costs]

INDUSTRIAL DIVISION	1929	1933	1939	1941	1943	1944	1945	1946	1947	1948
All industries, total	**87,355**	**39,584**	**72,532**	**103,834**	**169,686**	**183,838**	**182,691**	**179,562**	**201,709**	**226,204**
Agriculture, forestry, and fisheries	8,002	3,521	6,120	8,880	14,561	14,830	15,642	17,690	19,160	22,468
Farms	7,791	3,402	5,951	8,655	14,270	14,486	15,276	17,275	18,734	21,967
Mining, total	2,097	662	1,601	2,341	2,757	2,950	2,789	3,076	4,091	4,903
Metal	478	41	348	513	507	417	349	324	507	561
Anthracite	285	130	126	165	211	238	219	281	304	346
Bituminous and other soft-coal	652	255	503	809	1,130	1,271	1,204	1,248	1,718	1,976
Crude petroleum and natural gas	486	195	497	654	671	800	795	930	1,199	1,606
Nonmetallic mining	196	41	127	200	238	224	222	293	363	414
Contract construction	3,691	735	2,254	4,370	5,551	4,375	4,571	6,469	8,353	10,174
Manufacturing, total	22,012	7,563	17,936	32,897	58,104	60,456	51,918	48,950	60,886	68,217
Food and kindred products	2,157	1,335	2,280	2,683	4,334	4,992	5,009	5,610	6,236	6,926
Tobacco manufactures	258	142	298	215	191	289	243	335	361	387
Textile-mill products	1,797	697	1,259	2,036	3,001	2,956	2,973	4,032	4,888	5,616
Apparel and other finished fabric products	1,240	532	1,016	1,429	2,308	2,598	2,726	3,319	3,504	3,591
Lumber and timber basic products	850	122	491	887	1,146	1,158	1,067	1,423	2,049	2,414
Furniture and finished lumber products	678	183	508	765	935	1,029	1,052	1,390	1,646	1,895
Paper and allied products	563	290	555	1,034	1,254	1,352	1,336	1,719	2,335	2,457
Printing, publishing, etc	1,580	790	1,206	1,359	1,724	2,045	2,250	2,696	3,040	3,229
Chemicals and allied products	1,136	690	1,205	1,941	3,355	3,399	3,250	3,312	3,747	4,640
Products of petroleum and coal	993	17	458	833	1,502	1,360	1,326	1,684	2,253	3,228
Rubber products	356	103	279	485	877	991	919	1,089	1,179	1,052
Leather and leather products	601	270	423	614	842	865	898	1,084	1,210	1,304
Stone, clay, and glass products	799	208	662	1,072	1,193	1,137	1,147	1,562	1,910	2,174
Iron and steel and their products	2,978	682	2,259	5,048	9,099	9,081	7,376	5,544	7,607	8,653
Nonferrous metals and their products	767	155	594	1,201	1,939	1,942	1,659	1,774	2,136	2,264
Machinery (except electrical)	1,903	426	1,492	3,850	6,037	6,000	5,191	4,830	6,417	6,896
Electrical machinery	1,048	276	850	1,915	3,353	3,732	3,047	2,368	3,590	3,609
Transportation equipment (except automobiles)	317	69	397	2,276	12,103	12,494	7,732	1,656	1,603	1,900
Automobiles and auto. equipment	1,394	384	1,188	2,364	1,337	1,413	1,120	1,923	3,512	4,151
Wholesale and retail trade, total	13,090	5,375	12,126	15,903	22,361	25,137	27,999	34,090	39,492	45,094
Wholesale trade	3,955	1,631	3,558	4,708	6,209	6,995	7,598	9,242	10,890	13,168
Retail trade and auto. services	9,135	3,744	8,568	11,195	16,152	18,142	20,401	24,848	28,602	31,926
Finance, insurance, and real estate, total	13,098	5,681	8,216	9,523	12,237	13,088	13,278	14,390	15,668	16,727
Banking	1,960	493	876	1,088	1,393	1,667	1,854	2,189	2,421	2,498
Insurance carriers	788	514	854	842	1,024	1,022	1,008	1,077	1,335	1,563
Insurance agents and combination offices	533	367	491	553	621	692	754	987	1,109	1,255
Real estate	8,978	4,060	5,675	6,743	8,714	9,221	9,076	9,490	10,234	10,792
Transportation, total	6,562	2,958	4,543	6,188	10,672	11,197	10,495	10,199	11,133	12,194
Railroads	4,600	1,849	2,735	3,779	6,998	6,954	6,034	5,471	5,890	6,454
Highway freight, etc	482	356	642	907	1,215	1,305	1,383	1,689	2,026	2,468
Communications and public utilities, total	2,878	2,000	2,863	3,313	3,952	4,100	4,283	4,838	5,190	5,926
Telephone, telegraph, etc	1,130	692	1,008	1,135	1,557	1,676	1,772	1,989	2,070	2,483
Utilities: electric and gas	1,640	1,237	1,716	2,002	2,178	2,167	2,240	2,552	2,792	3,087
Services, total	10,168	5,447	8,080	9,709	11,993	13,268	14,135	16,675	18,544	20,039
Hotels and lodging places	577	193	436	520	815	914	1,005	1,186	1,257	1,304
Personal services	1,220	667	1,001	1,320	1,768	1,931	2,065	2,498	2,673	2,792
Private households	3,117	1,177	1,761	2,076	1,982	2,220	2,445	2,597	3,119	3,375
Medical and health services	1,522	937	1,365	1,587	1,998	2,315	2,450	2,859	3,334	3,717
Legal services	689	561	692	763	822	892	974	1,169	1,282	1,454
Government and government enterprises, total	5,114	5,349	8,550	10,479	27,239	34,211	37,423	22,890	18,764	19,998
Federal—general government	900	1,187	3,444	5,046	21,255	27,905	30,614	14,721	9,232	8,869
Federal—govt. enterprises	581	485	716	788	1,027	1,083	1,153	1,412	1,424	1,623
State and local—general govt.	3,456	3,531	4,185	4,368	4,621	4,883	5,296	6,335	7,623	8,954
State and local—govt. enterprises	177	146	205	277	336	340	360	422	485	552
Rest of the world [1]	643	293	243	231	259	226	158	295	428	464

[1] Profits received by domestic corporations from foreign branches excluded here and included in industry of recipient corporation.

Source: Department of Commerce, Office of Business Economics: Survey of Current Business (National Income Supplement, July 1947 and July 1949).

No. 318.—Income Payments to Individuals, by States: 1929 to 1948

[Income payments are distributed among States on a where-received basis (with exception of wages and salaries, as noted below). Only payments made to residents are included in estimates for continental United States and individual States. Per capita income payments are derived by division of total income payments by total population excluding Federal civilian and military personnel stationed outside continental United States. In five instances, however, income was transferred from place of recipients' employment to place of residence before computation of per capita income. These are New York, New Jersey, District of Columbia, Maryland, and Virginia. In this connection, it should be noted that the wage-and-salary component of total income payments is allocated by States on basis of State of employment, rather than of residence. For all States, except the five listed above, it is assumed that State of employment is identical with State of residence. For definition of income payments to individuals, see text, p. 259]

STATE	AMOUNT (MILLIONS OF DOLLARS)						PER CAPITA (DOLLARS)					
	1929	1933	1939	1941	1947	1948	1929	1933	1939	1941	1947	1948
United States	**82,617**	**46,273**	**70,601**	**92,269**	**189,212**	**206,011**	**680**	**368**	**539**	**693**	**1,319**	**1,410**
Alabama	802	419	681	1,037	2,392	2,585	305	154	242	367	844	891
Arizona	245	120	227	287	731	823	573	263	461	538	1,135	1,168
Arkansas	562	288	478	658	1,437	1,672	305	152	246	337	751	863
California	5,217	3,113	5,047	7,044	16,256	17,099	946	511	741	955	1,657	1,651
Colorado	633	358	563	695	1,656	1,713	616	336	505	606	1,447	1,429
Connecticut	1,459	888	1,301	1,837	3,193	3,381	918	540	764	1,070	1,618	1,700
Delaware	218	127	203	278	472	522	919	513	771	1,018	1,622	1,741
District of Columbia	638	495	813	1,040	1,804	1,885	1,191	806	1,031	1,079	1,632	1,691
Florida	695	425	819	1,062	2,655	2,762	484	272	442	522	1,140	1,137
Georgia	956	596	901	1,241	2,904	3,076	329	200	290	389	925	971
Idaho	230	115	213	278	685	734	518	242	411	533	1,306	1,252
Illinois	7,036	3,335	5,285	6,889	13,449	15,167	932	431	671	874	1,602	1,817
Indiana	1,877	978	1,688	2,437	4,886	5,494	583	296	495	700	1,274	1,403
Iowa	1,348	644	1,185	1,527	2,934	3,895	546	258	468	605	1,133	1,491
Kansas	997	474	692	974	2,473	2,446	532	258	383	543	1,285	1,291
Kentucky	964	534	839	1,042	2,356	2,596	371	199	297	370	847	909
Louisiana	862	487	828	1,066	2,315	2,597	415	222	354	434	910	1,002
Maine	449	297	400	505	1,018	1,094	566	364	474	598	1,151	1,219
Maryland	1,106	720	1,074	1,516	2,911	3,116	703	441	634	847	1,454	1,546
Massachusetts	3,787	2,386	3,106	3,846	6,586	6,997	897	553	719	889	1,421	1,509
Michigan	3,543	1,641	3,054	4,271	8,646	9,223	745	348	591	801	1,425	1,484
Minnesota	1,443	812	1,378	1,626	3,508	3,970	566	307	497	583	1,215	1,353
Mississippi	544	256	436	630	1,428	1,603	273	123	201	276	681	758
Missouri	2,210	1,244	1,832	2,363	4,643	5,278	612	337	486	615	1,190	1,356
Montana	325	158	288	372	818	915	602	290	515	670	1,677	1,791
Nebraska	764	374	523	655	1,583	1,890	557	275	397	512	1,233	1,473
Nevada	74	43	84	107	259	275	817	447	767	907	1,860	1,679
New Hampshire	302	200	268	309	617	659	652	420	548	627	1,156	1,261
New Jersey	3,268	1,985	2,859	3,676	6,665	7,181	947	535	746	926	1,540	1,605
New Mexico	161	90	179	222	574	643	383	196	341	412	1,048	1,125
New York	14,479	8,509	11,301	13,384	25,211	27,378	1,125	644	825	989	1,747	1,891
North Carolina	966	677	1,090	1,436	3,314	3,531	309	205	308	391	896	930
North Dakota	264	126	209	331	895	858	389	190	325	537	1,654	1,473
Ohio	4,920	2,601	4,154	5,646	10,945	12,136	748	386	603	818	1,426	1,548
Oklahoma	1,079	537	796	956	2,191	2,361	455	226	340	464	959	1,029
Oregon	603	337	587	824	1,984	2,134	640	337	544	722	1,284	1,302
Pennsylvania	7,338	4,027	5,819	7,404	14,009	15,126	767	414	589	750	1,333	1,444
Rhode Island	579	366	480	651	1,111	1,165	851	533	678	922	1,491	1,564
South Carolina	438	299	493	703	1,539	1,714	252	167	261	358	789	865
South Dakota	288	118	227	301	790	963	417	172	351	493	1,367	1,577
Tennessee	905	516	853	1,221	2,815	3,036	349	190	295	411	911	955
Texas	2,668	1,552	2,554	3,269	8,273	8,788	465	257	401	496	1,164	1,192
Utah	272	143	243	329	773	825	537	275	443	578	1,208	1,231
Vermont	216	127	174	219	418	446	601	351	483	620	1,142	1,229
Virginia	987	639	996	1,484	3,050	3,326	422	266	402	568	1,083	1,159
Washington	1,104	598	1,012	1,501	3,345	3,578	713	369	588	826	1,419	1,453
West Virginia	793	474	714	905	1,960	2,166	464	265	378	474	1,042	1,133
Wisconsin	1,849	938	1,514	2,041	4,349	4,763	634	312	485	654	1,340	1,443
Wyoming	154	87	141	174	386	426	687	369	567	649	1,458	1,494

Source: Department of Commerce, Office of Business Economics; Survey of Current Business, August 1949.

No. 319.—Share of Total Money Income Received by Each Tenth of the Nation's Spending Units, by Size of Income: 1947 and 1948

[Data for 1947 based on interviews in January–March 1948; for 1948 on interviews in January–March 1949]

Spending units ranked from lowest to highest income	Percent of total money income before federal income tax				Percent of total money income after federal income tax [1]			
	By tenths		Cumulative		By tenths		Cumulative	
	1947	1948	1947	1948	1947	1948	1947	1948
Lowest tenth	1	1	1	1	1	1	1	1
Second tenth	3	3	4	5	3	4	4	5
Third tenth	4	5	9	10	5	5	9	10
Fourth tenth	6	6	14	16	6	7	15	17
Fifth tenth	7	7	22	23	8	8	23	25
Sixth tenth	9	9	30	32	9	9	32	34
Seventh tenth	10	10	40	42	10	10	42	44
Eighth tenth	12	12	52	54	12	12	54	56
Ninth tenth	15	15	67	68	15	15	69	71
Highest tenth	33	32	100	100	31	29	100	100

[1] Estimated liability on Federal income tax, excluding tax on capital gains. Tax liability was not obtained directly from interviews or from tax returns, but from comprehensive data on family composition and income obtained in connection with Consumer Finances Surveys. Certain improvements in techniques of estimating tax liability were made in 1949 Survey so that results should be somewhat more reliable than in 1948. (See the *Federal Reserve Bulletin*, July and August 1949.)

Source: Board of Governors of the Federal Reserve System. Based on data from 1948 and 1949 Surveys of Consumer Finances, conducted by Survey Research Center of University of Michigan for the Board of Governors.

No. 320.—Percent Distribution of Family Liquid Assets and Saving, by Income Groups: 1948

[National estimate based on sample interview survey of 3,068 families, defined as all (one or more) persons living in same household and related by blood, marriage, or adoption. Universe covered is population of U. S. residing in private households during interview period, which was January through March 1949. Following groups are excluded: (1) Members of armed forces living at military reservations; (2) residents of hospitals and in religious, educational, and penal institutions; and (3) floating population, that is, people living in hotels, large boarding houses, and tourist camps. For liquid asset holdings of individuals and businesses, see table 450, p. 402]

Annual 1948 money income before taxes	Liquid assets [1]	Positive saving [2]	Negative saving [2]	Net saving [2]
All income groups	**100**	**100**	**100**	**100**
Under $1,000	3	1	19	−18
$1,000–$1,999	5	3	12	−7
$2,000–$2,999	10	9	17	(3)
$3,000–$3,999	13	15	15	16
$4,000–$4,999	10	13	11	16
$5,000–$7,499	22	22	17	27
$7,500 and over	37	37	9	66

[1] Liquid assets include all U. S. Government securities, checking accounts, and savings accounts held at time of survey in early 1949. Currency is excluded.

[2] Positive saving comprises the saving of all family units with money incomes in excess of expenditures, negative saving comprises the dissaving of all family units with expenditures in excess of money incomes, and net saving (plus or minus) is positive saving less negative saving for all family units combined. The survey does not undertake to measure directly consumer expenditures and taxes but measures the saving of each family by obtaining detailed information on the changes in the various asset and liability items that make up each unit's balance sheet of saving. The saving of each unit during the year is computed by subtracting algebraically the total change in its liabilities (plus or minus) from the total change in its assets (plus or minus). Positive saving results from a larger increase in assets than in liabilities or a larger decrease in liabilities than in assets. The reverse is true for negative saving. The more important asset and liability items for which information is obtained are changes in liquid asset holdings, changes in consumer indebtedness, net sales or purchases of stocks and bonds, payments of life insurance premiums, payments to retirement funds, net sales and purchases of houses, payments on house mortgages, house improvements, and investment or withdrawal of investment in unincorporated businesses. Capital gains or losses are excluded from saving.

[3] Less than one-half of 1 percent.

Source: Board of Governors of the Federal Reserve System, published in Federal Reserve Bulletin, August 1949 and January 1950.

No. 321.—Average Money Income, Expenditures and Savings of Families and Single Persons in Cities, by Income Class: 1944

[Estimates based on sample survey of 1,700 consumer units in cities of 2,500 inhabitants or more. Data relate to all civilians except inmates of institutions. Families are defined as economic units of two or more persons contributing to or mainly dependent on a common or pooled income. Single persons are those who live alone or as lodgers or servants in private homes, rooming houses or hotels]

ITEM	ANNUAL MONEY INCOME AFTER PERSONAL TAXES								
	Under $500	$500–1,000	$1,000–1,500	$1,500–2,000	$2,000–2,500	$2,500–3,000	$3,000–4,000	$4,000–5,000	$5,000 and over
ALL FAMILIES AND SINGLE PERSONS									
Percent of families in each class	4.2	7.7	7.1	11.9	13.9	13.2	19.9	9.6	12.5
Average number of persons [1]	1.42	1.82	2.11	2.55	2.77	3.00	3.61	3 97	4 02
Average number of earners [2]	.38	.68	1.07	1.16	1.22	1.28	1.56	1.96	2.08
Money income after personal taxes [3]	$291	$764	$1,243	$1,769	$2,251	$2,747	$3,481	$4,406	$7,634
Expenditures, current	594	939	1,317	1,690	1,946	2,375	2,816	3,428	4,324
Food [4]	235	368	506	646	747	908	1,034	1,147	1,383
Clothing	41	82	157	231	268	353	456	621	836
Housing,[5] fuel, light, and refrigeration	178	231	285	328	379	424	484	546	635
Household operation	33	50	64	81	89	109	140	166	306
Furnishings and equipment	5	24	33	43	52	84	92	131	159
Automobile	6	13	36	42	61	104	122	175	171
Other transportation	6	21	28	47	53	52	63	83	114
Medical care	48	67	78	93	95	119	147	191	260
Personal care	12	20	34	42	46	55	64	84	109
Recreation	5	15	25	45	52	62	82	104	137
Tobacco	7	16	25	40	40	47	58	70	75
Reading	8	11	15	18	21	27	32	38	43
Formal education	1	2	1	8	8	14	13	29	41
Other	9	19	30	26	35	17	29	43	55
Personal taxes [3]	*1*	*23*	*70*	*124*	*198*	*283*	*407*	*564*	*2,357*
Gifts and contributions	17	31	52	82	92	136	127	211	454
Net savings or deficit	−320	−206	−126	−3	213	236	538	767	2,856
War bonds [6]	16	62	40	117	163	230	323	414	1,193
Life and annuity insurance premiums	10	20	43	50	64	80	108	141	269
Other [7]	−346	−288	−209	−170	−14	−74	107	212	1,394
FAMILIES OF 2 OR MORE PERSONS									
Percent of families in each class	1.5	5.2	5.3	10.7	14.0	14.7	23.0	11.2	14.4
Average number of persons [1]	2.45	2.45	2.78	3.03	3.10	3.13	3 69	4 01	4.13
Average number of earners [2]	.35	.72	1.15	1.22	1.27	1.31	1.57	1.97	2 12
Money income after personal taxes [3]	$313	$776	$1,243	$1,779	$2,259	$2,757	$3,480	$4,408	$7,595
Expenditures, current	887	1,053	1,407	1,788	2,051	2,410	2,838	3,439	4,305
Food [4]	374	434	555	701	797	913	1,043	1,150	1,386
Clothing	42	80	163	234	283	364	462	623	848
Housing,[5] fuel, light and refrigeration	257	251	298	341	394	430	488	547	616
Household operation	56	47	66	83	93	110	140	166	295
Furnishings and equipment	5	25	39	49	60	88	95	132	157
Automobile	16	19	29	42	69	105	119	177	171
Other transportation	7	20	26	44	50	51	63	84	109
Medical care	62	88	94	105	104	123	149	190	265
Personal care	21	19	33	41	48	56	65	84	110
Recreation	3	15	28	46	55	63	82	105	137
Tobacco	16	15	21	41	41	48	59	71	76
Reading	14	13	14	18	22	27	31	37	43
Formal education	1	2	2	11	9	15	13	29	42
Other	13	25	39	32	26	17	29	44	50
Personal taxes [3]	*2*	*13*	*32*	*86*	*180*	*270*	*402*	*559*	*2,385*
Gifts and contributions	26	30	47	66	86	119	119	203	454
Net savings or deficit	−600	−307	−211	−75	122	228	523	766	2,836
War bonds [6]	15	81	28	82	147	233	316	410	1,206
Life and annuity insurance premiums	14	25	40	59	70	83	109	140	263
Other [7]	−629	−413	−279	−216	−95	−88	98	216	1,367

[1] Family size based on equivalent persons, with 52 weeks of family membership considered equivalent to 1 person; 26 weeks equivalent to 0.5 person, etc.

[2] Earner defined as a family member that worked for pay (as wage or salary worker or on his own account) at any time during year.

[3] Personal taxes (income, poll and personal property) have been deducted from money income. Total money income may be obtained by combining amounts shown for both items. Inheritances and large gifts are not considered current income; inheritances and gift taxes excluded from personal taxes.

[4] Includes expenditures for alcoholic beverages.

[5] Includes rents for tenant-occupied dwellings and for lodging away from home and current operation expenses of home owners. Excludes principal payments on mortgages on owned homes.

[6] Value of bonds purchased less those cashed.

[7] Represents differences between income and expenditures plus net war bond purchases and insurance premium payments. Includes amounts deducted for social security, retirement plans, etc., not available separately.

Source: Department of Labor, Bureau of Labor Statistics; Monthly Labor Review, January 1946.

No. 322.—Distribution of Families and Individuals in Households, by Total Money Income, Urban and Rural: 1945 to 1948

[Based on samples of population residing in households only. Excludes small number of families and individuals residing in quasi households (hotels, large rooming houses, etc.). "Family" not used here with same meaning as in 1940 census. It refers to a group of two or more related persons residing in same household. "Individual" is used to refer to a person living alone or with persons not related to him. See source for evaluation of sampling reliability]

TOTAL MONEY INCOME	FAMILIES AND INDIVIDUALS				FAMILIES				INDIVIDUALS NOT IN FAMILIES			
	1945	1946	1947	1948	1945	1946	1947	1948	1945	1946	1947	1948
UNITED STATES												
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under $500	10.0	(1)	8 4	7.9	5 8	(1)	4.3	4.8	34.2	(1)	31.0	26.0
$500 to $999	9 5	(1)	8 4	8 3	7 7	(1)	6 4	5.8	19.7	(1)	19.7	22.9
$1,000 to $1,499	9.1	(1)	8 7	8 0	8.4	(1)	7.8	7.1	13.6	(1)	13.4	13.0
$1,500 to $1,999	12.0	(1)	9 0	7.8	12.1	(1)	8.8	7.4	11.6	(1)	10.5	10.0
$2,000 to $2,499	12.4	(1)	11 0	10.2	13 0	(1)	11.3	10.4	8.9	(1)	9.3	9.4
$2,500 to $2,999	11.5	(1)	9.9	9.6	12 5	(1)	10.7	10.1	5.5	(1)	5.5	6.1
$3,000 to $3,499	9.3	(1)	10 1	10.7	10 3	(1)	11.4	11.6	3.4	(1)	3.3	5.5
$3,500 to $3,999	6.0	(1)	7.5	8.1	7.0	(1)	8.3	9.1	.6	(1)	2.7	2.4
$4,000 to $4,499	5.0	(1)	6.0	6.7	5 8	(1)	6.9	7.6	.3	(1)	1.1	1.5
$4,500 to $4,999	3.4	(1)	4.2	4.7	3.9	(1)	4.8	5 4	.7	(1)	.8	1.1
$5,000 to $5,999	5.3	(1)	6.7	7.1	6.1	(1)	7.7	8.1	.3	(1)	.9	.8
$6,000 to $9,999	5.3	(1)	7 7	8 5	6.1	(1)	8.9	9.8	.8	(1)	.8	.8
$10,000 and over	1.3	(1)	2 5	2.5	1.4	(1)	2 7	2.8	.3	(1)	1.0	.4
Median income [2]	$2,379	(1)	$2,727	$2,909	$2,621	(1)	$3,033	$3,190	$899	(1)	$983	$1,042
URBAN												
Median income [2]	$2,714	$2,774	$3,009	$3,223	$2,995	$3,131	$3,350	$3,558	$1,101	$1,228	$1,208	$1,289
RURAL-NONFARM												
Median income [2]	$2,248	$2,345	$2,581	$2,734	$2,445	$2,548	$2,826	$2,953	$637	$667	$696	$757
RURAL-FARM												
Median income [2]	$1,291	(1)	$1,781	$1,861	$1,410	(1)	$1,958	$2,034	$401	(1)	$582	$533

[1] Comparable figures not available.
[2] For definition of median, see headnote, table 14, p. 13.

Source: Department of Commerce, Bureau of the Census; Income of Families and Persons in the United States: 1948, Series P-60, No. 6.

No. 323.—Distribution of Families and Individuals by Total Money Income, Urban (by Size of Place) and Rural: 1948

[Data based on sample. See source for evaluation of sampling reliability. Includes data for families and individuals in quasi households, hotels, large rooming houses, etc., as well as households. For definitions of "family" and "individual" see headnote, table 322]

TOTAL MONEY INCOME	Total	URBAN						Rural-nonfarm	Rural-farm
		Total urban	Size of place of residence						
			1,000,000 and over	250,000 to 999,999	50,000 to 249,999	10,000 to 49,999	2,500 to 9,999		
FAMILIES AND INDIVIDUALS									
Number (thousands)	46,674	29,368	5,865	5,481	6,253	8,791	2,978	9,717	7,589
Percent	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under $500	8 7	6.6	5.5	4 7	7.1	8.1	6.5	8.4	17.0
$500 to $999	8.7	7 4	5.9	6.9	8.1	7.6	8.8	8 7	13.8
$1,000 to $1,499	8.2	6.9	6.5	7.2	6.1	7.2	8.3	8.2	12.7
$1,500 to $1,999	7 8	6.8	6.1	6.4	6.2	7.6	7.9	8.7	10.3
$2,000 to $2,499	10.2	9.8	9.2	9.3	10.3	9.7	10.8	11.6	9.9
$2,500 to $2,999	9.4	9.3	8 9	10 4	9.3	8.4	11.0	10.4	8.3
$3,000 to $3,499	10 5	11 1	11.8	11.6	11.4	10.2	10.7	10.7	7.9
$3,500 to $3,999	7 9	8 7	8.2	10 1	8.0	8.5	8 6	8.0	4.9
$4,000 to $4,499	6.6	7.5	7.5	7 0	7.6	7.2	8.7	6.6	3.2
$4,500 to $4,999	4.6	5.3	5.8	5.4	5.9	5.2	3.7	4.2	2.2
$5,000 to $5,999	6.9	8.1	9.0	8.9	8.0	7.8	6.0	6.0	3.3
$6,000 to $9,999	8.2	9.8	12.7	9 7	9.4	9.3	7.0	6.6	4.2
$10,000 and over	2.4	2.7	2.9	2.3	2.5	3.1	1.9	1.9	2.2
Median income [1]	$2,840	$3,142	$3,335	$3,219	$3,123	$3,065	$2,853	$2,717	$1,814
FAMILIES									
Number (thousands)	38,537	23,287	4,536	4,160	4,940	7,135	2,516	8,531	6,720
Percent	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under $500	4.8	2 6	2.4	1 5	2.7	3.2	3.4	4.4	12.2
$500 to $999	5.8	3 6	2.0	2 9	3 5	4.2	5.8	5 9	13.0
$1,000 to $1,499	7.1	5 0	3.7	4 3	4.7	5.7	7.0	8.0	13.1
$1,500 to $1,999	7.4	5.9	4.7	4.8	5.3	6.9	7.7	8.8	10.9
$2,000 to $2,499	10.4	9.4	8.2	8.7	9.6	10.1	10.4	12.5	10.8
$2,500 to $2,999	10.2	10.0	8.8	10.8	10.5	9.1	12.0	11.5	9.1
$3,000 to $3,499	11.6	12.5	13.0	13.2	13.0	11.6	11.9	11.7	8.6
$3,500 to $3,999	9.1	10.3	9.9	11.8	9.7	10.2	9.9	8.8	5.4
$4,000 to $4,499	7.6	8.9	9.2	8.6	9.5	8.3	9.8	7.3	3.6
$4,500 to $4,999	5.3	6.4	6.9	6.5	7.0	6.4	4.4	4.8	2.5
$5,000 to $5,999	8.1	9.9	11.5	11.3	9.7	9.4	7.0	6.8	3.7
$6,000 to $9,999	9.8	12.2	16.0	12 6	11.8	11.3	8.4	7.5	4.7
$10,000 and over	2.9	3.3	3.6	3.0	3.2	3.7	2.3	2.1	2.4
Median income [1]	$3,187	$3,551	$3,859	$3,660	$3,540	$3,466	$3,157	$2,954	$2,036
INDIVIDUALS NOT IN FAMILIES									
Number (thousands)	8,136	6,081	1,329	1,321	1,312	1,656	462	1,187	869
Percent	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under $500	27.6	21.7	16.1	14.9	23.9	29.7	22.4	36.6	54.5
$500 to $999	22.6	21.8	19.2	19 5	25 2	22.4	24.3	27.9	20.2
$1,000 to $1,499	13.0	14.2	15.7	16.1	11.4	13.5	15.4	9.5	9.6
$1,500 to $1,999	9.5	10.5	10.7	11.5	10.0	10.5	8.9	7.8	5.4
$2,000 to $2,499	9.3	11.1	12.5	10.9	12.8	8.2	12.7	5.3	2.9
$2,500 to $2,999	5.9	7.0	9.2	9.2	4.8	5.5	5.8	3.2	2.1
$3,000 to $3,499	5.2	5.8	7.8	6.5	5.4	4.3	4.6	4.1	2.5
$3,500 to $3,999	2.4	2.5	2.6	5.1	1.6	1.1	1.9	2.6	1.5
$4,000 to $4,499	1.6	1.8	1.7	2.1	.7	2.4	2.7	1.1	.4
$4,500 to $4,999	1.0	1.3	1.9	1.8	1.9	.1	.4	.5	-------
$5,000 to $5,999	1.0	1.1	.6	1.6	1.6	.9	.8	.6	.4
$6,000 to $9,999	.7	.8	1.4	.6	.7	.9	-------	.6	.2
$10,000 and over	.4	.3	.6	.3	-------	.6	-------	.5	.4
Median income [1]	$996	$1,225	$1,468	$1,485	$1,038	$954	$1,106	$739	$423

[1] For definition of median, see headnote, table 14, p. 13.

Source: Department of Commerce, Bureau of the Census; Income of Families and Persons in the United States: 1948, Series P-60, No. 6.

No. 324.—Distribution of Families and Individuals by Total Money Income by Size of Family, Urban and Rural: 1948

[See headnote, table 323]

TOTAL MONEY INCOME	Total	Individuals not in families	FAMILIES							Median size of family
			All families	Specified number of related persons						
				2	3	4	5	6	7 or more	
UNITED STATES										
Number (thousands)	46,674	8,136	38,537	12,010	10,047	7,956	4,221	2,190	2,113	3.22
Percent	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	
Under $500	8.7	27.6	4.8	8.7	3.2	2.5	2.5	3.7	4.6	2.38
$500 to $999	8.7	22.6	5.8	9.1	4.5	3.7	3.7	3.4	7.2	2.55
$1,000 to $1,499	8.2	13.0	7.1	9.3	6.6	5.6	5.5	5.8	8.2	2.90
$1,500 to $1,999	7.8	9.5	7.4	9.3	6.9	6.1	5.5	6.7	8.7	2.95
$2,000 to $2,499	10.2	9.3	10.4	10.8	10.8	9.9	10.1	9.4	9.2	3.15
$2,500 to $2,999	9.4	5.9	10.2	8.9	11.6	10.8	10.3	9.3	8.6	3.26
$3,000 to $3,499	10.5	5.2	11.6	10.6	12.7	12.2	11.9	10.8	9.9	3.26
$3,500 to $3,999	7.9	2.4	9.1	8.3	9.6	10.2	9.2	8.5	7.1	3.29
$4,000 to $4,499	6.6	1.6	7.6	6.0	8.7	8.6	8.8	8.1	5.2	3.36
$4,500 to $4,999	4.6	1.0	5.3	4.6	5.8	6.0	5.5	5.3	5.0	3.34
$5,000 to $5,999	6.9	1.0	8.1	6.4	8.7	9.1	9.6	8.0	8.0	3.41
$6,000 to $9,999	8.2	.7	9.8	6.4	8.6	11.6	13.8	16.0	13.4	3.78
$10,000 and over	2.4	.4	2.9	1.8	2.3	3.7	3.5	4.9	5.1	3.87
Median income [1]	$2,840	$996	$3,187	$2,659	$3,250	$3,468	$3,527	$3,547	$3,180	
URBAN										
Number (thousands)	29,368	6,081	23,287	7,767	6,241	4,864	2,361	1,176	877	3.12
Median income [1]	$3,142	$1,225	$3,551	$3,076	$3,608	$3,830	$4,048	$4,241	$4,363	
RURAL—NONFARM										
Number (thousands)	9,717	1,187	8,531	2,540	2,230	1,819	1,017	437	488	3.27
Median income [1]	$2,717	$739	$2,954	$2,277	$3,066	$3,282	$3,203	$3,323	$3,161	
RURAL—FARM										
Number (thousands)	7,589	869	6,720	1,703	1,576	1,273	843	576	748	3.55
Median income	$1,814	$423	$2,036	$1,378	$1,996	$2,393	$2,445	$2,424	$1,975	

[1] For definition of median, see headnote, table 14, p. 13.

Source: Department of Commerce, Bureau of the Census; Income of Families and Persons in the United States: 1948, Series P-60, No. 6.

No. 325.—Distribution of Persons 14 Years of Age and Over by Total Money Income in 1948 and Major Occupation Group in April 1949, by Sex

[Data based on sample. See source for evaluation of sampling reliability]

TOTAL MONEY INCOME AND SEX	Total	EMPLOYED AS CIVILIANS IN APRIL 1949								
		Total employed civilians	Professional workers			Semi-professional workers	Farmers and farm managers	Proprietors, managers, and officials, except farm		
			Total	Self-employed	Salaried			Total	Self-employed	Salaried
MALE										
Number of persons (thousands)	52,681	41,463	1,989	474	1,515	575	4,565	5,398	3,356	2,042
Number of persons with income (thousands)	47,370	40,219	1,933	471	1,462	570	4,502	5,361	3,327	2,034
Percent of those with income	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Loss	.5	.5				1.0	2.1	1.0	1.7	
$1 to $499	9.6	6.4	1.6	.9	1.8	1.0	20.0	2.5	3.6	.8
$500 to $999	10.4	7.3	3.1	.9	3.6	5.3	14.8	3.8	5.5	1.1
$1,000 to $1,499	9.8	8.7	4.9	3.2	5.3	5.0	14.9	4.5	6.0	2.2
$1,500 to $1,999	9.3	9.3	5.2	5.1	5.2	9.6	8.6	6.1	7.4	4.1
$2,000 to $2,499	13.2	14.2	7.3	2.3	8.6	9.9	9.5	9.0	9.5	8.3
$2,500 to $2,999	11.5	12.9	6.2	4.2	6.8	11.9	6.9	9.8	11.4	7.3
$3,000 to $3,499	12.2	13.8	10.6	2.3	12.8	15.6	6.1	12.4	11.2	14.4
$3,500 to $3,999	7.3	8.5	13.4	8.3	14.8	12.6	3.4	8.7	7.0	11.2
$4,000 to $4,499	5.1	5.8	9.8	12.0	9.2	8.3	2.6	8.2	7.3	9.8
$4,500 to $4,999	2.9	3.2	7.3	6.9	7.4	5.6	1.9	5.9	4.8	7.7
$5,000 to $5,999	3.6	4.1	9.4	6.9	10.0	7.6	2.7	9.7	8.3	11.9
$6,000 to $9,999	3.1	3.5	13.8	23.6	11.2	4.6	3.7	10.4	8.4	13.6
$10,000 and over	1.6	1.8	7.4	23.1	3.3	2.0	2.9	7.9	8.0	7.7
Median income for persons with income [1]	$2,396	$2,641	$3,913	$5,267	$3,699	$3,202	$1,441	$3,548	$3,225	$4,033

TOTAL MONEY INCOME AND SEX	EMPLOYED AS CIVILIANS IN APRIL 1949—continued								In armed forces or not employed in April 1949
	Clerical and kindred workers	Salesmen and saleswomen	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Domestic service workers	Service workers, except domestic	Farm laborers and foremen	Laborers, except farm and mine	
MALE									
Number of persons (thousands)	2,882	2,290	7,524	8,432	153	2,421	1,994	3,242	11,218
Number of persons with income	2,837	2,201	7,468	8,312	141	2,368	1,362	3,164	7,151
Percent of those with income	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Loss		.3	.2	.2	(2)		.1	.1	.3
$1 to $499	2.0	9.6	1.3	2.8	(2)	7.5	29.1	8.5	26.2
$500 to $999	3.2	4.8	3.5	4.7	(2)	9.1	29.2	13.5	27.0
$1,000 to $1,499	5.9	7.3	6.0	6.7	(2)	11.9	19.9	15.5	15.9
$1,500 to $1,999	8.5	8.4	7.2	10.7	(2)	15.1	12.1	14.8	9.3
$2,000 to $2,499	15.8	12.5	13.7	18.3	(2)	20.9	6.3	21.8	7.8
$2,500 to $2,999	16.6	12.4	15.0	17.9	(2)	13.3	2.1	13.5	4.4
$3,000 to $3,499	19.6	12.5	19.2	18.4	(2)	11.5	.9	7.3	3.8
$3,500 to $3,999	13.1	9.0	12.0	9.7	(2)	5.1		2.4	1.2
$4,000 to $4,499	7.4	6.0	9.2	5.4	(2)	2.8		1.4	1.0
$4,500 to $4,999	2.8	3.5	4.7	2.3	(2)	1.1		.9	.8
$5,000 to $5,999	2.8	5.9	5.6	2.2	(2)	1.0	.1	.3	1.1
$6,000 to $9,999	2.0	5.5	2.4	.8	(2)	.6		.1	.9
$10,000 and over	.2	2.4			(2)	.1	.1		.3
Median income for persons with income [1]	$2,940	$2,793	$3,081	$2,685	(2)	$2,154	$855	$1,918	$937

For footnotes see page 273.

No. 325.—Distribution of Persons 14 Years of Age and Over by Total Money Income in 1948 and Major Occupation Group in April 1949, by Sex—Con.

TOTAL MONEY INCOME AND SEX	Total	EMPLOYED AS CIVILIANS IN APRIL 1949								
		Total employed civilians	Professional workers			Semi-professional workers	Farmers and farm managers	Proprietors, managers, and officials, except farm		
			Total	Self-employed	Salaried			Total	Self-employed	Salaried
FEMALE										
Number of persons (thousands)	55,592	16,356	1,315	105	1,210	162	236	867	568	299
Number of persons with income (thousands)	22,725	13,940	1,146	94	1,052	143	196	745	471	274
Percent of those with income	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Loss	.1	.2	-------	(2)	-------	(2)	4.4	.8	1.2	-------
$1 to $499	28.9	16.7	7.6	(2)	7.1	(2)	30.7	10.6	13.7	5.1
$500 to $999	20.6	15.8	9.7	(2)	9.1	(2)	30.7	10.9	12.5	8.0
$1,000 to $1,499	14.5	16.5	12.4	(2)	12.1	(2)	10.5	16.9	19.4	12.4
$1,500 to $1,999	13.9	19.1	13.0	(2)	13.2	(2)	7.9	12.2	10.9	14.6
$2,000 to $2,499	11.6	17.0	19.2	(2)	19.5	(2)	11.4	15.3	13.7	18.2
$2,500 to $2,999	5.2	8.0	17.2	(2)	18.0	(2)	.9	10.6	8.5	14.6
$3,000 to $3,499	2.4	3.6	10.7	(2)	11.1	(2)	-------	10.9	7.3	17.5
$3,500 to $3,999	1.0	1.4	4.6	(2)	4.7	(2)	-------	3.9	4.0	3.6
$4,000 to $4,499	.5	.8	2.8	(2)	3.0	(2)	.9	2.1	3.2	-------
$4,500 to $4,999	.2	.3	.4	(2)	.5	(2)	.9	1.0	.4	2.2
$5,000 to $5,999	.3	.4	1.4	(2)	1.1	(2)	-------	1.0	1.2	.7
$6,000 to $9,999	.3	.3	1.0	(2)	.6	(2)	.9	2.6	2.4	2.9
$10,000 and over	.2	.1	-------	(2)	-------	(2)	.9	1.0	1.6	-------
Median income for persons with income [1]	$1,009	$1,522	$2,191	(2)	$2,217	(2)	$743	$1,941	$1,648	$2,270

TOTAL MONEY INCOME AND SEX	EMPLOYED AS CIVILIANS IN APRIL 1949—continued								In armed forces or not employed in April 1949
	Clerical and kindred workers	Salesmen and saleswomen	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Domestic service workers	Service workers, except domestic	Farm laborers and foremen	Laborers, except farm and mine	
FEMALE									
Number of persons (thousands)	4,542	1,386	165	3,199	1,666	1,911	821	85	39,236
Number of persons with income (thousands)	4,173	1,097	155	2,990	1,404	1,665	166	60	8,785
Percent of those with income	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Loss	-------	-------	(2)	.1	.1	.3	(2)	(2)	.1
$1 to $499	6.5	24.1	(2)	9.0	58.6	19.0	(2)	(2)	47.7
$500 to $999	9.5	15.7	(2)	14.9	27.3	28.3	(2)	(2)	28.2
$1,000 to $1,499	12.8	24.7	(2)	21.2	8.9	22.5	(2)	(2)	11.4
$1,500 to $1,999	23.9	19.1	(2)	27.5	3.8	16.9	(2)	(2)	5.9
$2,000 to $2,499	26.2	10.2	(2)	19.3	.5	8.5	(2)	(2)	3.4
$2,500 to $2,999	12.7	3.6	(2)	6.2	.6	2.1	(2)	(2)	1.0
$3,000 to $3,499	4.3	1.6	(2)	1.4	.3	1.3	(2)	(2)	.7
$3,500 to $3,999	2.3	.2	(2)	.2	-------	-------	(2)	(2)	.5
$4,000 to $4,499	1.0	.2	(2)	.2	-------	.6	(2)	(2)	.2
$4,500 to $4,999	.3	.3	(2)	.1	-------	.1	(2)	(2)	.2
$5,000 to $5,999	.5	.2	(2)	.1	-------	-------	(2)	(2)	.2
$6,000 to $9,999	.1	-------	(2)	-------	-------	.2	(2)	(2)	.4
$10,000 and over	-------	.2	(2)	-------	-------	.1	(2)	(2)	.3
Median income for persons with income [1]	$1,944	$1,208	(2)	$1,590	$425	$1,052	(2)	(2)	$539

[1] For definition of median, see headnote, table 14, p. 13.
[2] Percent and median not shown where there were less than 100 cases in sample reporting on income.

Source: Department of Commerce, Bureau of the Census; Income of Families and Persons in the United States: 1948, Series P-60, No. 6.

No. 326.—Distribution of Persons 14 Years of Age and Over by Total Money Income, by Sex, Urban and Rural: 1945 to 1948

[Data based on sample. See source for evaluation of sampling reliability]

TOTAL MONEY INCOME	MALE				FEMALE			
	1945	1946	1947	1948	1945	1946	1947	1948
UNITED STATES								
Total persons	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percent with income	89.5	(1)	88.9	89.9	45.1	(1)	39.2	40.9
Percent without income	10.5	(1)	11.1	10.1	54.9	(1)	60.8	59.1
Percent of those with income	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Loss	.6	(1)	.4	.5	.1	(1)	.2	.1
$1 to $499	11.6	(1)	9.8	9.6	30.3	(1)	29.8	28.9
$500 to $999	16.5	(1)	11.1	10.4	24.3	(1)	19.5	20.6
$1,000 to $1,499	13.8	(1)	10.5	9.8	19.4	(1)	16.0	14.5
$1,500 to $1,999	12.2	(1)	11.3	9.3	13.8	(1)	15.6	13.9
$2,000 to $2,499	13.2	(1)	14.9	13.2	7.0	(1)	10.4	11.6
$2,500 to $2,999	10.7	(1)	11.3	11.5	2.7	(1)	3.8	5.2
$3,000 to $3,499	8.4	(1)	10.9	12.2	1.1	(1)	2.1	2.4
$3,500 to $3,999	4.8	(1)	5.9	7.3	.3	(1)	.9	1.0
$4,000 to $4,499	2.3	(1)	4.3	5.1	.2	(1)	.6	.5
$4,500 to $4,999	1.5	(1)	2.1	2.9	.2	(1)	.3	.2
$5,000 to $5,999	2.4	(1)	3.0	3.6	.1	(1)	.3	.3
$6,000 to $9,999	1.3	(1)	3.0	3.1	.1	(1)	.3	.3
$10,000 and over	.8	(1)	1.6	1.6	.1	(1)	.3	.2
Median income for persons with income [2]	$1,811	(1)	$2,230	$2,396	$901	(1)	$1,017	$1,009
URBAN								
Total persons	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percent with income	90.6	91.8	89.7	91.1	49.9	50.5	43.9	44.7
Percent without income	9.4	8.2	10.3	8.9	50.1	49.5	56.1	55.3
Median income for persons with income [2]	$2,135	$2,188	$2,431	$2,679	$1,010	$985	$1,193	$1,236
RURAL-NONFARM								
Total persons	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percent with income	90.1	90.4	89.2	90.6	45.1	41.6	33.3	38.2
Percent without income	9.9	9.6	10.8	9.4	54.9	58.4	66.7	61.8
Median income for persons with income [2]	$1,744	$1,885	$2,191	$2,324	$818	$659	$794	$803
RURAL-FARM								
Total persons	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Percent with income	85.3	(1)	85.8	85.5	27.6	(1)	28.6	29.7
Percent without income	14.7	(1)	14.2	14.5	72.4	(1)	71.4	70.3
Median income for persons with income [2]	$904	(1)	$1,360	$1,385	$431	(1)	$483	$467

[1] Comparable figures not available.
[2] For definition of median, see headnote, table 14, p. 13.

Source: Department of Commerce, Bureau of the Census; Income of Families and Persons in the United States: 1948, Series P–60, No. 6.

No. 327.—Distribution of Persons 14 Years of Age and Over With Wage or Salary Income, by Wage or Salary Income, by Sex and Receipt of Nonwage Income, for the United States: 1939 and 1948

[Data based on sample. See source for evaluation of sampling reliability]

Wage or salary income	Total persons						Without nonwage income					
	Both sexes		Male		Female		Both sexes		Male		Female	
	1939	1948	1939	1948	1939	1948	1939	1948	1939	1948	1939	1948
Total persons with wage or salary income	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
$1 to $99	5.4	2.0	3.7	1.1	9.9	3.9	5.1	1.8	3.3	.8	9.7	3.7
$100 to $199	7.3	4.4	5.9	2.7	11.1	7.9	7.0	4.0	5.5	1.9	10.7	7.7
$200 to $399	14.1	6.8	12.7	4.6	17.7	11.4	13.5	6.4	12.0	3.7	17.2	11.2
$400 to $599	11.9	6.1	10.8	4.6	14.6	9.1	11.9	5.6	10.7	3.7	14.7	9.0
$600 to $799	12.0	4.0	10.8	2.9	15.1	6.1	12.4	3.8	11.1	2.5	15.6	6.2
$800 to $999	9.3	3.9	8.9	3.0	10.6	5.7	9.7	3.8	9.2	2.7	11.0	5.7
$1,000 to $1,199	8.2	4.3	8.7	3.4	7.0	6.3	8.6	4.3	9.1	3.2	7.4	6.4
$1,200 to $1,399	7.8	4.7	8.8	3.9	5.1	6.3	8.1	4.6	9.2	3.6	5.3	6.4
$1,400 to $1,599	6.1	4.4	7.2	3.6	3.1	6.0	6.3	4.3	7.6	3.3	3.1	6.1
$1,600 to $1,799	3.3	4.0	4.0	3.1	1.5	5.8	3.4	4.2	4.2	3.2	1.5	6.0
$1,800 to $1,999	3.8	5.0	4.7	4.1	1.4	6.9	3.9	5.2	4.9	4.2	1.3	7.1
$2,000 to $2,499	5.3	14.5	6.8	14.8	1.6	14.1	5.3	15.1	6.9	15.6	1.5	14.3
$2,500 to $2,999	2.0	10.5	2.6	12.7	.5	6.0	2.0	10.8	2.6	13.5	.5	6.1
$3,000 to $4,999	2.4	21.3	3.1	29.6	.6	4.2	2.2	22.0	2.8	31.9	.5	4.0
$5,000 and over	1.0	4.2	1.4	6.1	.1	.3	.7	4.0	.9	6.1	.1	.2
Median wage or salary income	$789	$2,017	$939	$2,445	$555	$1,189	$804	$2,064	$962	$2,555	$568	$1,204

Source: Department of Commerce, Bureau of the Census; Income of Families and Persons in the United States. 1948, Series P-60, No 6.

No. 328.—Median Wage or Salary Income of Persons 14 Years of Age and Over with Wage or Salary Income, by Color and Major Industry Group, by Sex: 1939 and 1948

[Data based on sample (see source for evaluation of sampling reliability), and restricted to persons who were wage or salary workers at time of survey. Wage or salary income includes all money received in compensation for work or services performed as employees, including commissions, tips, piece-rate payments, bonuses, armed forces pay, etc., as well as receipts commonly referred to as wages or salaries. Excludes value of income in kind, such as living quarters, meals, clothing, etc. In 1940 census persons were classified as with or without other income on basis of answers to inquiry as to whether $50 or more of income was received from sources other than money wages or salaries. A similar classification was made in 1947 data by comparing amounts of money wage or salary income and total money income. In addition, farmers were classified as with nonwage income on the assumption that they had at least $50 of income in kind. Median wage or salary income based on number of persons reporting $1 or more of wage or salary income. For definition of median, see headnote, table 14, p. 13.]

Color and major industry group	Both sexes		Male		Female	
	1939	1948	1939	1948	1939	1948
Color						
White	$956	$2,323	$1,112	$2,711	$676	$1,615
Nonwhite	364	1,210	460	1,615	246	701
Major industry group in survey week [1]						
Agriculture, forestry, and fishery	292	840	301	892	154	(2)
Mining	957	3,077	956	3,097	1,077	(2)
Construction	777	2,251	777	2,255	804	(2)
Manufacturing	988	2,470	1,141	2,839	646	1,773
Transportation, communication, and other public utilities	1,365	2,759	1,425	2,961	1,068	1,911
Wholesale trade	1,215	2,527	1,326	2,816	828	1,885
Retail trade	793	1,743	969	2,229	599	1,230
Finance, insurance, and real estate	1,257	2,236	1,487	2,967	977	1,804
Business and repair services	971	2,259	995	2,373	838	(2)
Personal services	360	753	738	1,603	292	553
Amusement, recreation, and related services	814	1,733	888	1,863	639	(2)
Professional and related services	995	1,969	1,235	2,246	896	1,761
Government	1,492	2,795	1,625	3,022	1,233	2,297

[1] Except emergency workers.
[2] Median not shown where there were fewer than 100 cases in sample reporting on income.

Source: Department of Commerce, Bureau of the Census; Income of Families and Persons in the United States: 1948, Series P-60, No. 6.

12. Prices

The indexes issued by the Bureau of Labor Statistics have been, since the beginning of the century, the major source of price statistics in summarized form. This agency prepares weekly and monthly indexes of wholesale prices, a daily index based on spot market prices of 28 commodities; indexes of food prices at retail in 56 large cities; and indexes of consumers' prices for moderate-income families in 34 large cities.

The **wholesale price index** measures average changes in commodity prices of about 850 commodities at the primary market level—usually the level at which the commodity is first sold commercially in substantial volume. The prices are ordinarily those charged by representative manufacturers or producers to the types of distributors or industrial consumers who are characteristic buyers of the product. Wherever feasible the prices are f. o. b. point of production or sale. In the case of some commodities, prices quoted in organized commodity markets are used.

Commodities are priced in terms of a given specification at stated terms of trade. Most of the commodities are represented by a single quotation. In computing the index the price of each article is weighted by the quantities marketed during a representative period—since 1934, the period 1929–1931. Indexes are computed for 10 major commodity groups, 49 subgroups and 5 economic groups.

Beginning with 1921, in computing indexes for commodity groups, articles falling under more than one group are included under each classification. For example, articles produced on the farm which reach the consumer practically unchanged in form, such as potatoes, milk, and eggs, are included among both farm products and foods. Duplication also occurs between the metals and metal products and building materials groups. However, in computing the index for all commodities, such articles are counted only once.

The **consumers' price index** measures average changes in retail prices of goods, rents and services, weighted by quantities bought in 1934–36 by families of wage-earners and lower-salaried clerical workers in large cities, whose annual incomes averaged $1,524 in 1934–36. It does not measure changes in the total amount families spend for living or relative differences in prices or living costs between cities. The list of items priced for the index includes approximately 192 goods and services. For many goods a number of different articles or qualities of articles are included in the index. Sales taxes are reflected wherever applicable, but income taxes, social security deductions, and bond deductions are not included. Since March 1943, food indexes have been based upon changes in food prices in 56 cities. Indexes for the major groups other than food have been compiled since September 1940, from price data collected in 34 cities. Since July 1947, the following schedule has been in effect:

Food prices and indexes, for 56 cities each month;
Fuel prices and indexes for 34 cities each month;
Commodities (other than food and fuel) and services indexes for 10 cities monthly and for 24 additional cities quarterly on a rotating cycle; beginning in September 1949, quarterly in 24, monthly in 10 cities;
Rents quarterly for 34 cities, on a rotating cycle;
All items and group indexes for 10 cities monthly, and for 24 additional cities quarterly on a rotating cycle;
National indexes (average of large cities) for all items and groups, monthly, based upon prices in the cities surveyed and estimated changes in the unpriced cities.

The weights used in calculating the index are based on studies of actual expenditures by families of wage-earners and lower-salaried workers. A study conducted in 1917–19 provided the weights used from 1913 to 1935. Since 1935 the index has been based on 1934–36 expenditure patterns.

The **retail food price indexes** presented in this section for periods from January 1935 to March 1943 are based on the distribution of expenditures as shown by the 1934–36 study of expenditures of wage earners' and lower-salaried clerical workers' families. In March 1943, the weights for this index were revised to take account of changes in food purchases due to wartime shortages and rationing. In January 1946, these wartime weight adjustments were eliminated and certain other revisions made in the calculating procedures. The indexes are computed from prices of 54 foods for the period from January 1935 to March 1943, 61 foods for the period March 1943 to June 1947, and 50 foods thereafter. Aggregate costs of these foods in each of 56 cities (51 cities prior to March 1943), weighted to represent total purchases, have been combined for the United States with the use of population weights. Indexes for all periods prior to January 1935 are converted from indexes computed for corresponding periods on the 1923–25 base.

The Bureau of Agricultural Economics prepares currently **indexes of prices received for farm products and of prices paid by farmers.** (See text, p. 601, and tables 692 and 693, p. 582.)

In comparing the **movement of the indexes of consumers' prices and of the prices paid by farmers** for commodities bought for family living (table 692), it should be noted that the consumers' price index includes rents and other services and the farm index does not, and that the list of commodities included in the two indexes and their geographic coverage differs because farm family buying differs considerably from that of city families, and farm and city workers are located in different parts of the country.

A number of **privately compiled indexes of wholesale and retail prices** provide some groupings not found in the official indexes. For example, the National Industrial Conference Board prepared current indexes for both a prewar and a wartime budget. Special purpose indexes have not been included in this section.

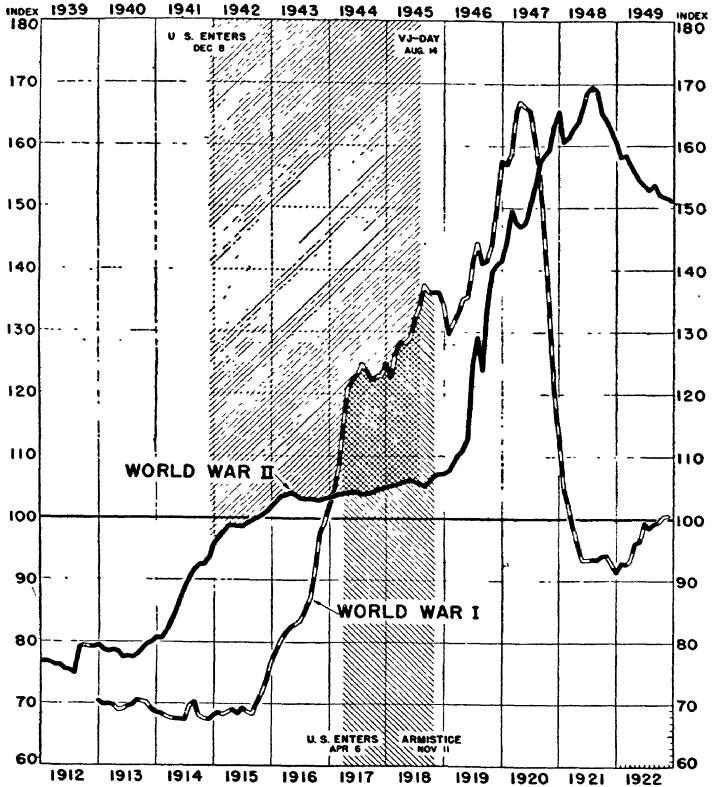
The user of price indexes is reminded that the margin of error in price statistics due to unrecorded changes in quality, in discounts, and in undercover charges is greater in war than in peacetime.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series L 15–25") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

FIGURE L.—PRICE INDEXES IN TWO WORLD WARS

L–1.—Wholesale Prices—All Commodities

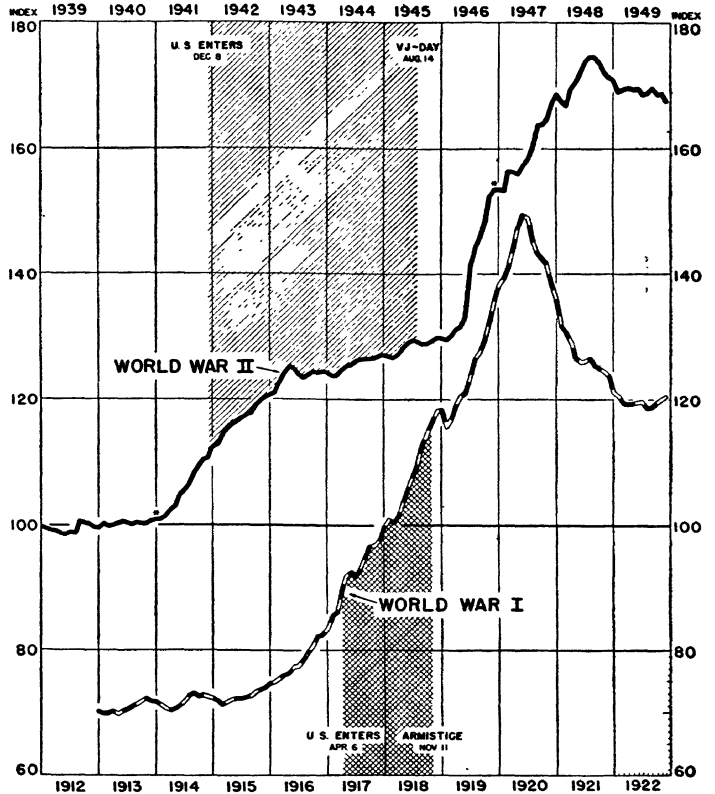
[1926=100. Prices in primary markets. See table 329]



Source: Department of Labor, Bureau of Labor Statistics.

L–2.—Consumers Price Index

[1935–39=100. See table 336]



*Estimates of World War II and postwar understatement by the index were not included. See Monthly Labor Review for March 1947.

No. 329.—Wholesale Prices—Indexes, by Major Commodity Groups, 1890 to 1949, and by Months, 1930 to 1949

[1926=100. See general note, p. 276. For index numbers (based on 1910–14 as 100) showing price changes in farm products and foods compared with all other commodities combined, see table 692, p. 582. See also *Historical Statistics*, series L 15–25, and for monthly data, series App. 23]

PERIOD	All commodities	Farm products	Foods	Hides and leather products	Textile products	Fuel and lighting	Metals and metal products	Building materials	Chemicals and allied products [1]	House furnishing goods	Miscellaneous
1890	56.2	50.4	55.5	47.5	57.8	38.1	105.3	46.5	73.2	49.9	97.9
1895	48.8	43.9	47.3	49.4	44.3	40.3	70.4	38.8	64.7	43.5	88.9
1900	56.1	50.5	50.8	49.4	53.3	46.3	98.0	46.2	82.1	48.9	102.0
1905	60.1	56.4	55.1	53.9	54.1	49.6	89.1	48.1	82.3	49.7	117.4
1910	70.4	74.3	64.9	60.2	58.4	47.6	85.2	55.3	82.0	54.0	152.7
1915	69.5	71.5	65.4	75.5	54.1	51.8	86.3	53.5	112.0	56.0	86.9
1920	154.4	150.7	137.4	171.3	164.8	163.7	149.4	150.1	164.7	141.8	167.5
1925	103.5	109.8	100.2	105.3	108.3	96.5	103.2	101.7	101.8	103.1	109.0
1929	95.3	104.9	99.9	109.1	90.4	83.0	100.5	95.4	94.0	94.3	82.6
1932	64.8	48.2	61.0	72.9	54.9	70.3	80.2	71.4	73.9	75.1	64.4
1935	80.0	78.8	83.7	89.6	70.9	73.5	86.4	85.3	79.0	80.6	68.3
1939	77.1	65.3	70.4	95.6	69.7	73.1	94.4	90.5	76.0	86.3	74.8
1940	78.6	67.7	71.3	100.8	73.8	71.7	95.8	94.8	77.0	88.5	77.3
1941	87.3	82.4	82.7	108.3	84.8	76.2	99.4	103.2	84.4	94.3	82.0
1942	98.8	105.9	99.6	117.7	96.9	78.5	103.8	110.2	95.5	102.4	89.7
1943	103 1	122.6	106.6	117.5	97.4	80.8	103.8	111.4	94.9	102.7	92.2
1944	104 0	123 3	104.9	116.7	98.4	83.0	103.8	115.5	95 2	104.3	93.6
1945	105 8	128.2	106 2	118.1	100.1	84.0	104.7	117.8	95.2	104.5	94.7
1946	121.1	148.9	130.7	137.2	116.3	90.1	115.5	132.6	101.4	111.6	100.3
1947	152.1	181.2	168.7	182.4	141.7	108.7	145.0	179.7	127.3	131.1	115.5
1948	165 1	188.3	179 1	188 8	149 8	134.2	163.6	199.1	135.7	144.5	120 5
March	161 6	186.0	173.8	186.3	151.1	130.9	155.9	193.9	137.2	142.0	120.8
June	166 4	196 0	181 4	187.7	151.4	133.1	158 6	197.4	137.2	143.2	121 5
September	168 9	189.9	186.9	187.4	149.3	136.9	172.0	204.1	134.5	146.6	119.9
December	162 4	177.3	170.2	185 3	146.7	137.2	173 8	202 2	131.1	148.4	118.5
1949	155 0	165.6	161 6	180 4	140.4	131.7	170.2	193 3	118.6	145.2	112.3
March	158 4	171.5	162.9	180.4	143 8	134 3	174 4	200 0	121.1	148.0	115 7
June	154 5	168 8	162.4	178 8	139 2	129 9	167 5	191 4	116.8	145.1	111 0
September	153 6	163.1	162.0	181 1	139 0	130 0	168.2	189 4	117.7	142.9	109.6
December	151 3	155.3	155.7	179.9	138.4	130.8	167.8	190.3	115.3	144.1	110.7

YEAR	Yearly average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1930	86.4	92.5	91.4	90.2	90.0	88.8	86.8	84.4	84.3	84.4	83.0	81.3	79.6
1931	73.0	78.2	76.8	76.0	74.8	73.2	72.1	72.0	72.1	71.2	70.3	70.2	68.6
1932	64.8	67.3	66.3	66.0	65.5	64.4	63.9	64.5	65.2	65.3	64.4	63.9	62.6
1933	65.9	61.0	59.8	60.2	60.4	62.7	65.0	68.9	69.5	70.8	71.2	71.1	70.8
1934	74.9	72.2	73.6	73.7	73.3	73.7	74.6	74.8	76.4	77.6	76.5	76.5	76.9
1935	80.0	78.8	79.5	79.4	80.1	80.2	79.8	79.4	80.5	80.7	80.5	80.6	80.9
1936	80.8	80.6	80.6	79.6	79 7	78.6	79.2	80.5	81.6	81.6	81.5	82.4	84.2
1937	86.3	85.9	86.3	87.8	88.0	87.4	87.2	87.9	87.5	87.4	85.4	83.3	81.7
1938	78.6	80.9	79.8	79.7	78.7	78.1	78.3	78.8	78.1	78.3	77.6	77.5	77.0
1939	77.1	76.9	76.9	76.7	76.2	76.2	75.6	75.4	75.0	79.1	79.4	79.2	79.2
1940	78.6	79.4	78.7	78.4	78.6	78.4	77.5	77.7	77.4	78.0	78.7	79.6	80.0
1941	87.3	80.8	80.6	81.5	83.2	84.9	87.1	88.8	90.3	91.8	92.4	92.5	93.6
1942	98.8	96.0	96.7	97.6	98.7	98.8	98.6	98.7	99.2	99.6	100.0	100.3	101.0
1943	103.1	101.9	102.5	103.4	103.7	104.1	103.8	103.2	103.1	103.1	103.0	102.9	103.2
1944	104.0	103.3	103.6	103.8	103.9	104.0	104.3	104.1	103.9	104.0	104.1	104.4	104.7
1945	105.8	104.9	105.2	105.3	105.7	106.0	106.1	105.9	105.7	105.2	105.9	106.8	107.1
1946	121.1	107.1	107.7	108.9	110.2	111.0	112.9	124.7	129.1	124.0	134.1	139.7	140.9
1947	152.1	142.0	145.2	150.0	148.0	147.3	147.7	150.6	153.7	157.4	158.5	159.6	163.2
1948	165.1	165.9	161.0	161.6	163.0	164.2	166 4	168 8	169.8	168.9	165 4	164 0	162.4
1949	155.0	160.6	158.1	158.4	156.9	155.7	154.5	153.5	152.9	153.6	152.2	151.6	151.3

[1] Prior to 1926 "chemicals and drugs." Indexes for the 2 groups are not strictly comparable.

Source: Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics; annual report, Wholesale Prices; and Monthly Labor Review.

No. 330.—Wholesale Prices—Indexes, by Groups and Subgroups of Commodities: 1929 to 1949

[1926=100. See general note, p. 276, regarding commodities included in 2 groups]

Commodity group	1929	1932	1939	1941	1947	1948			1949		
						Average	June	Dec.	Average	June	Dec.
All commodities	95.3	64.8	77.1	87.3	152.1	165.1	166.4	162.4	155.0	154.5	151.3
Farm products	104.9	48.2	65.3	82.4	181.2	188.3	196.0	177.3	165.6	168.8	155.3
Grains	97.4	39.4	58.6	76.9	210.8	199.2	209.2	171.1	158.3	154.9	160.9
Livestock and poultry	106.1	48.2	72.2	91.6	210.4	225.1	239.2	204.6	185.8	193.3	168.2
Other farm products	106.6	51.4	62.6	77.8	154.6	162.1	165.4	161.4	154.4	156.7	145.0
Foods	99.9	61.0	70.4	82.7	168.7	179.1	181.4	170.2	161.6	162.4	155.7
Dairy products	105.6	61.3	69.5	87.3	161.0	179.3	181.3	171.2	152.9	145.5	154.4
Cereal products	88.0	66.4	74.8	80.7	155.8	155.8	155.1	150.0	145.3	145.6	144.6
Fruits and vegetables	97.8	58.0	62.0	67.5	136.8	143.4	147.7	139.8	143.6	157.5	132.5
Meats, poultry, and fish	109.1	58.2	77.2	90.4	213.2	236.5	241.3	220.8	210.2	215.5	193.4
Other foods	93.9	60.7	64.1	78.9	148.1	147.6	148.0	140.9	132.3	127.8	132.6
Hides and leather products	109.1	72.9	95.6	108.3	182.4	188.8	187.7	185.3	180.4	178.8	179.9
Shoes	106.3	86.1	102.6	113.5	177.4	189.7	185.8	188.0	185.1	184.1	184.3
Hides and skins	112.7	42.1	84.6	108.4	209.8	209.8	215.2	197.2	192.2	186.0	192.8
Leather	113.2	65.1	87.5	97.9	190.9	188.2	186.9	186.5	178.0	177.1	178.1
Other leather products	106.4	90.1	97.1	104.7	139.3	149.5	150.9	148.6	143.2	144.4	141.1
Textile products	90.4	54.9	69.7	84.8	141.7	149.8	151.4	146.7	140.4	139.2	138.4
Clothing	90.0	63.0	82.0	92.6	135.6	147.5	146.8	148.8	145.6	145.6	144.0
Cotton goods	98.8	54.0	67.2	94.2	200.6	207.1	213.1	189.2	176.1	169.7	178.4
Hosiery and underwear	88.5	51.6	61.4	63.1	100.6	104.7	105.4	103.7	99.5	99.6	98.4
Rayon and nylon	68.4	35.4	28.8	29.7	37.0	41.2	40.7	41.8	40.5	39.6	39.6
Silk	82.7	29.5	46.1	(1)	73.3	46.4	46.4	46.4	49.6	49.2	49.9
Woolen and worsted goods	88.3	57.7	79.8	96.6	130.5	155.6	156.4	159.6	155.2	159.7	146.9
Other textile products	93.1	67.9	69.2	90.7	174.3	182.9	183.1	190.0	179.5	177.7	171.5
Fuel and lighting materials	83.0	70.3	73.1	76.2	108.7	134.2	133.1	137.2	131.7	129.9	130.8
Anthracite	90.1	88.4	75.8	82.7	117.6	130.9	127.1	136.4	137.0	134.2	139.3
Bituminous coal	91.3	82.0	97.5	104.3	157.6	187.0	182.7	195.4	192.0	188.6	195.2
Coke	84.6	77.7	105.6	119.3	166.6	207.1	206.6	219.0	222.2	222.4	222.2
Electricity	94.5	104.7	78.6	68.3	65.0	66.3	65.7	67.7	------	68.9	------
Gas	93.1	101.3	84.1	78.6	85.0	89.2	90.7	91.1	------	90.1	------
Petroleum and products	71.3	45.4	52.2	57.0	90.2	122.1	122.1	122.0	112.2	110.4	108.5
Metals and metal products	100.5	80.2	94.4	99.4	145.0	163.6	158.6	173.8	170.2	167.5	167.8
Agricultural machinery and equipment	98.7	84.9	93.4	93.5	121.1	134.9	132.2	144.0	144.0	144.3	143.3
Iron and steel	94.9	79.4	95.8	96.4	133.7	155.1	149.5	165.4	165.7	164.7	165.4
Motor vehicles	100.0	87.1	93.4	103.3	153.6	168.0	163.9	175.7	176.9	177.1	176.7
Nonferrous metals	106.1	49.8	78.0	84.4	140.3	157.5	152.1	172.5	144.3	128.8	129.2
Plumbing and heating	95.0	66.8	79.2	84.8	125.4	147.8	145.5	157.3	154.8	154.7	154.6
Building materials	95.4	71.4	90.5	103.2	179.7	199.1	197.4	202.2	193.3	191.4	190.3
Brick and tile	94.3	77.3	91.4	93.7	140.0	156.3	153.8	160.5	161.7	160.8	161.9
Cement	89.0	74.3	91.3	92.0	115.7	130.4	128.8	133 4	133.8	134.3	134.5
Lumber	93.8	58.5	93.2	122.5	277.6	313.0	315.5	305.9	286.0	280.7	285.1
Paint and paint materials	94.9	71.1	82.8	91.4	162.6	159.6	158.6	161.2	151.1	153.6	139.3
Plumbing and heating	95.0	66.8	79.2	84.8	125.4	147.8	145.5	157.3	154.8	154.7	154.6
Structural steel	98.1	80.9	107.3	107.3	134.5	163.7	153.3	178.8	179.3	178.8	185.2
Other building materials	97.7	79.5	90.3	98.3	147.4	167.6	163.4	176.9	171.7	168.5	169.2
Chemicals and allied products	94.0	73.9	76.0	84.4	127.3	135.7	137.2	131.1	118.6	116.8	115.3
Chemicals	99.7	88.8	84.7	87.2	118.7	126.7	127.2	123.4	117.4	116.9	114.6
Drugs and pharmaceuticals	66.8	55.0	78.2	102.6	159.1	153.4	153.8	151.5	129.1	124.3	121.6
Fertilizer materials	95.6	63.7	67.9	73.5	105.6	116.1	113.9	120.1	119.7	117.5	117.9
Mixed fertilizers	95.2	68.4	73.0	76.0	97.5	105.0	103.2	108.3	107.9	108.3	106.3
Oils and fats	89.0	40.0	48.4	77.6	187.9	206.5	219.8	179.4	123.8	116.9	118.2
Housefurnishing goods	94.3	75.1	86.3	94.3	131.1	144.5	143.2	148.4	145.2	145.1	144.1
Furnishings	93.6	75.4	91.1	99.9	137.6	148.3	146.7	153.6	151.3	150.9	151.2
Furniture	95.0	75.0	81.3	88.4	130.5	140.8	139.9	143.1	139.0	139.3	136.8
Miscellaneous	82.6	64.4	74.8	82.0	115.5	120.5	121.5	118.5	112.3	111.0	110.7
Auto tires and tubes	54.5	41.1	58.6	55.4	63.6	64.8	63.5	66.2	62.9	62.1	64.3
Cattle feed	121.6	46.0	83.3	101.2	249.9	253.6	292.4	217.1	200.7	199.3	192.3
Paper and pulp	88.9	75.5	82.4	98.2	155.1	168.5	167.3	169.5	160.8	159.6	156.0
Rubber, crude	42.3	7.3	37.2	46.1	44.2	44.9	47.1	38.9	37.0	34.5	37.8
Other miscellaneous	98.4	83.7	82.6	87.8	123.9	130.6	129.8	129.5	123.0	121.9	121.1

[1] Not available.

Source: Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics; annual report, Wholesale Prices; and Monthly Labor Review.

No. 331.—Wholesale Prices—Indexes, All Commodities and by Economic Classes: 1930 to 1949

[**Figures in column heads indicate current number of quotations.** Indexes of National Bureau of Economic Research are weighted arithmetic means for 680 price series, weights being based upon average value of production in 1927 and 1931. For method of computing Department of Labor index, see general note, p. 276. For Department of Labor publications in which data appear, see source note, table 330]

YEAR	DEPARTMENT OF LABOR 1929=100				NATIONAL BUREAU OF ECONOMIC RESEARCH 1929=100				
	All commodities 877	Raw materials 106	Semi manufactures 94	Manufactured products 677	All commodities 680 [2]	Producers' goods 418 [2]	Consumers' goods 292 [2]	Durable goods 222 [2]	Nondurable goods [1] 469 [2]
1930	90.7	86.5	87.1	93.1	90.5	88.4	93.2	93.0	89.1
1931	76.6	67.3	73 5	81.5	76.5	73 1	80.7	84.7	72.7
1932	68.0	56.5	63.2	74 4	67 4	64.9	70.6	78.5	61.5
1933	69.2	57.9	69.6	74.6	69.4	68 3	70.9	80.2	64.1
1935	83.9	79.1	78.4	87.0	83.4	83.1	83.9	86.5	81.2
1937	90.6	87.0	90.8	92.3	90.8	93.1	88 0	98.7	87.2
1939	80.9	72.0	82.0	85 1	80.6	82.1	78.6	95.4	74.0
1940	82.5	73.7	84.2	86 3	82.8	84.5	80 8	98.7	76.3
1941	91.6	85.6	92.5	94.3	92.1	94.3	89.6	104.2	87.2
1942	103.7	103.2	98.6	104 3	104.5	105.8	103.2	110.3	102.9
1943	108.2	115.0	98.9	105 9	109 4	110.3	108.4	110.6	109.5
1944	109.1	116.1	100 2	106.7	110.4	112.5	108.0	112.2	110 2
1945	111.0	119.8	102.1	107 7	112 6	115 4	109.1	113.8	112.6
1946	127.1	138 2	118 0	122 9	129.1	131.2	126.5	124.6	131.8
1947	159.6	169.8	158.1	154.5	162.3	168.0	155.3	157.8	165.8
1948	173.1	183.0	166.8	168 7	175.5	182.7	166.6	176.5	174.8
1949	155 0	163 9	150.2	151 2	165.5	171.4	158.1	180.4	159 0

[1] Perishable and semidurable.

[2] Sum of number of quotations for producers' and consumers' goods and for durable and nondurable goods is greater than number of all commodities owing to duplication of certain price series in classifications. For example, identical price quotations on flour are used in both producers' goods and consumers' goods.

No. 332.—Indexes of Spot Market Prices of 28 Commodities: 1939 to 1949

[**August 1939=100.** Figures in column heads represent number of commodities. Index is computed daily; represents unweighted geometric average of daily price quotations of 28 commodities, traded on organized exchanges. The index is much more sensitive to changes in market conditions than is monthly or weekly wholesale price index]

PERIOD	General Index (28)	IMPORT AND DOMESTIC		Domestic agricultural (7)	FOODSTUFFS AND INDUSTRIAL	
		Import commodities (11)	Domestic commodities (17)		Foodstuffs (11)	Raw industrial (16)
1939—Average	109.2	110.1	108.6	109.4	111.2	107.7
1940—Average	114.3	117.2	112.4	119.7	110.6	116.9
1941—Average	143.9	147.8	141.5	147.8	150.5	139.1
1942—Average	167.6	162.4	171.0	183.8	186.9	154.2
1943—Average	176.7	167.2	183.2	210.0	201.7	159.9
1944—Average	181.5	168.4	190.5	222.7	207.3	164.1
1945—Average	184.4	168.9	195.2	227.6	209.5	167.4
1946—Average	228.2	209.7	241.0	274.7	273.8	198.8
1947—Average	322.7	290.1	345.6	362.7	393.9	276.1
1948—Average	321.2	282.0	349.4	364.4	391.3	278.0
March	318.0	275.9	348.6	371.5	394.1	268.9
June	329.7	285.2	362.2	394.8	421.8	276.5
September	311.9	280.6	334.0	339.7	369.5	277.8
December	299.3	270.4	319.6	314.7	333.3	278.9
1949—Average	253.1	251 7	254.0	295.6	294.0	236.3
March	264 7	252 2	273.1	294.2	286.0	259.8
June	231.9	237.0	228.7	294.1	280.2	211.6
September	249.9	248 5	250 7	300 0	297.1	229.3
December	248.1	257.7	242.1	297.5	303.5	224.6

Source: Department of Labor, Bureau of Labor Statistics; annual report, Wholesale Prices; also published daily and weekly in mimeographed reports.

No. 333.—Wholesale Prices of Important Commodities: 1929 to 1949

[Represents selection from among commodities entering into general index of wholesale prices of Department of Labor as of December 1947 (see general note, p. 276). For weights of bushel and barrel except as noted, see Appendix II]

COMMODITY	Unit	AVERAGE PRICE (DOLLARS)						
		1929	1932	1939	1941	1947	1948	1949
FARM PRODUCTS								
Barley, No. 2, malting, Minneapolis	Bushel			0.552	0.622	2.214	2.049	1.434
Corn, No. 3, yellow, Chicago	do	0.938	0.307	.499	.706	2.069	2.039	1.325
Oats, No. 2, white, Chicago [1]	do	.486	.209	.345	.425	1.057	1.033	
Rye, No. 2, Minneapolis	do			.488	.586	2.956	2.065	1.396
Wheat, No. 2, red winter, Chicago [1]	do	1.304	.531	.803	1.046	2.689	2.461	
Wheat, No. 2, hard, Kansas City	do	1.180	.494	.755	.993	2.603	(2)	2.149
Cattle, steers, good to choice, Chicago	100 lbs	13.493	7.799	10.438	12.102	29.188		
Cattle steers, good 900–1,100 lbs., Chicago	do					26.548	31.490	26.716
Hogs good to choice, light, Chicago	do	10.666	4.117	7.098	9.859	26.373		
Barrows and gilts, good and choice, 200–240 lbs., Chicago	do					26.422	25.578	20.005
Lambs, native, good to choice, Chicago	do	14.509	6.224	9.345	11.239	23.255		
Lambs, good and choice, Chicago	do					23.443	25.941	25.556
Poultry, live fowls, Chicago	Pound	.273	.148	.154	.190	.252	.302	.278
Cotton, middling, Galveston [1]	do	.187	.063	.089	.136	.328	.312	(2)
Eggs, firsts, Chicago	Dozen	.354	.177	.175	.254	.433	.441	(2)
Eggs, firsts, New York	do	.368	.193	.184	.266			
Eggs, standards, New York	do					.459	(2)	(2)
Apples, medium grade, Portland, Oreg.	Box			1.331	1.433	(2)	(2)	(2)
Oranges, average grade, California, Chicago	do	6.540	3.819	3.239	3.379	4.909	(2)	(2)
Hay, alfalfa, Nos. 1 and 2, Kansas City	Ton [3]					31.863	29.691	27.683
Milk, fluid, Chicago	100 lbs			1.764	2.381	4.157	4.782	3.768
Milk, fluid, New York	do	3.997	2.379	2.837	3.357	5.786	6.672	6.142
Peanuts, shipping point	Pound			.054	.066	.162	.167	.170
Flaxseed, Minneapolis	Bushel	2.766	1.181	1.824	1.872	6.848	6.141	4.402
Tobacco, leaf, warehouse sales	100 lbs	20.125	8.464	19.205	18.309	43.619	44.395	47.593
Potatoes, white, Boston	do	1.802	.863	1.580	1.499	(2)	(2)	3.758
Wool, domestic, scoured, staple, fine and medium fine, Boston	Pound	.987	.459	.822	1.091	1.215	(2)	1.662
FOODS								
Butter, creamery, extra:								
Chicago	Pound	.437	.200	.253	.337	.702	.746	.610
New York	do	.449	.210	.260	.343	.712	.755	.615
San Francisco	do	.458	.219	.277	.359	.738	.797	.637
Cheese, whole milk, Chicago	do	.221	.120	.142	.204	.384	.428	.323
Milk, evaporated, New York	Case [4]	3.867	2.528	2.950	3.541	5.658	6.492	5.481
Bread, Chicago	Pound	.075	.070	.058	.059	[5].116	[5].126	[5].122
Bread, New York	do	.066	.060	.062	.066	[5].121	[5].133	(2)
Flour, short patents, Kansas City	100 lbs					6.369	5.582	5.232
Flour, standard patents, Minneapolis	do					6.757	5.980	5.495
Rice, Blue Rose, New Orleans	Pound	.038	.022	.034	.046	.106	.130	(2)
Raisins, seedless, packers	do	.046	.048	.039	.049	(2)	.086	.087
Bananas, Honduras, Guatemala, etc., f. o. b. port of entry	100 lbs					5.747	6.250	6.986
Beef, fresh, carcass, steer, Chicago	Pound	.231	.130	.163	.177	.423	(2)	
Lamb, fresh, Chicago	do	.256	.134	.167	.184	.418		
Lamb, good, 40–45 lbs. (composite)	100 lbs					43.178	49.488	49.760
Hams, smoked, loose, Chicago	Pound	.244	.133	.200	.254	(2)		
Hams, smoked, No. 1, skinned, 12–16 lbs. (composite)	do					.593	.600	.550
Bacon, Chicago	do	.263	.124	.173	.223	.611		
Bacon, 8–10 lbs. (composite)	do					.624	.594	.493
Pork loins, fresh, Chicago	do	.246	.115	.176	.207	.509		
Pork loins, 10–12 lbs. (composite)	do					.531	.553	.493
Poultry, dressed, New York	do			.192	.232	.360	.400	.382
Coffee, Santos 4, New York	do	.221	.107	.075	.114	.264	.268	.318
Salmon, canned, pink, No. 1, tall, Seattle	Dozen cans			1.174	1.692	3.835	5.444	4.913
Lard, prime, contract, New York	Pound	.120	.050	.069	.092			
Lard, 50-pound cartons, Chicago	do					.240	.217	.133
Oleomargarine, vegetable fat, delivered	do	.174	.106	.145	.156	.331	.342	.240
Salt, American, medium, Chicago	100 lbs					.947	.960	.983
Sugar, cane, granulated, New York	Pound	.051	.040	.046	.049	.081	.076	.078
Sugar, cane, raw 96°, New York	do	.038	.029	.030	.034	.062	.056	.058
Cottonseed oil, New York	do	.097	.038	.066	.104	.274	[1].269	.181
HIDES AND LEATHER PRODUCTS								
Hides, packers, heavy native steers, Chicago	do	.171	.061	.123	.145	.275	.275	(2)
Calfskins, packers, Chicago	do	.209	.064	.179	.223	.607	.425	(2)
Goat skins, India, New York	do					.954	.946	.998
Leather:								
Calf, chrome, B and C grade (composite)	Sq. ft			.393	.488	1.110	1.036	.976
Glazed kid, top grade, Boston [1]	do	.725	.436	.579	.594	1.256	(2)	(2)
Side, black, chrome tanned, B-grade, Boston [1]	do	.288	.162	.219	.288	.522	.516	(2)
Sole, oak, scoured backs, Boston	Pound	.529	.291	.320	.390	(2)		
Bellies, cow and steer hide, New York	do						.387	.375

For footnotes, see p. 284.

No. 333.—Wholesale Prices of Important Commodities: 1929 to 1949—Con.

COMMODITY	Unit	AVERAGE PRICE (DOLLARS)						
		1929	1932	1939	1941	1947	1948	1949
HIDES AND LEATHER PRODUCTS—con.								
Shoes, oxford, factory:								
Men's, black, calf tip	Pair	3.467	3.092	4.019	4.327	6.351	6.844	6.649
Women's, black, calf, blucher	do			2.563	2.607	(2)		
Women's, brown, calf, blucher	do						4.177	4.141
TEXTILE PRODUCTS								
Cotton goods, mill:								
Damask, table, mercerized, mill, 58-inch	Yard	.370	.292	.400	.475	.790	.790	.790
Denims, 28-inch	do	.181	.091	.106	.154	.338	.338	.310
Drillings, brown, 30-inch	do			.084	.134	.280	.290	.243
Gingham, 35-inch-36-inch	do					.441	.466	.412
Muslin, bleached, series 1	do	.174	.103	.130	.160	(2)	.351	.288
Print cloth, 27-inch	do	.052	.026	.036	.055	(2)	(2)	(2)
Print cloth, 39-inch	do					.333	.265	.198
Sheeting, bleached, series 2	do	.506	.296	.323	.381	(2)	(2)	(2)
Sheeting, brown, series 1	do			.067	.115	.264	.242	.212
Yarn, carded, Southern, 22/1 cones	Pound				.355	.708	.749	.625
Hosiery and underwear:								
Hosiery, men's cotton, seamless	Dozen pair					2.036	2.155	2.030
Men's union suits, knit, ribbed	Dozen					15.901	17.136	15.972
Rayon, fil. yarn, viscose, 100 den. skeins	Pound	2.027	.836	.686	.709	(2)		
Rayon, fil. yarn, viscose, 100 den. cones	do					.862	.952	.921
Silk, raw, Japan, 20–22 yellow, New York	do	4.880	1.540	2.615	(3)	(3)		
Silk, raw, Japan, 20–22, white, New York	do						2.750	2.910
Woolen and worsted goods, mill:								
Suiting, serge, 15–15½-ounce	Yard					3.383	3.991	3.900
Flannel, 54-inch	do					1.721	(2)	2 599
Yarn, fine, weaving, 2/50's	Pound	1.967	1.186	1.656	2.098	3.056	3.693	3.850
Thread, cotton, 6-cord	100 yds	.037	.035	.023	.027	.044	.053	.056
FUEL AND LIGHTING								
Coal, anthracite, chestnut	Ton [3]	11.505	10.879	9.143	10.006	14.108	(2)	15.928
Coal, bituminous, mine run	do	3.953	3.638	4.311	4.560	6 873	(2)	(2)
Coke, Connellsville, beehive, furnace	do	2.780	2.123	4.091	5.851	10.500	13.447	13.788
Coke, Newark, byproduct, foundry	do	9.200	8.654	11.230	12.565	16.995	21.152	22.647
Electricity, average price in U. S.	100 kw. hr			1.717	1.475	1.407	(2)	(2)
Gas, manufactured and mixed, average realized price	Dekatherm					.997	1.102	(2)
Gas, natural, average realized price	do					.181	.188	(2)
Fuel oil, refinery, Pennsylvania	Gallon	.048	.032	.042	.051	.081	.110	(2)
Gasoline, 74–76 oct., refinery, Pennsylvania	do					.066	.088	.117	(2)
Gasoline, 73–75 oct., refinery, north Texas	do	.072	.044	.049	.054	.082	.107	(2)
Petroleum, crude, Kansas-Oklahoma	Barrel [6]	1.233	.811	.954	1.060	1.843	2.510	(2)
METALS AND METAL PRODUCTS								
Iron ore, non-Bessemer	Ton [7]	4.443	4.500	4.950	4.450	5.550	6.050	7.200
Pig iron, Basic, furnace	do	18.189	13.981	21.077	23.500	33.942	(2)	46.000
Pig iron, Bessemer, Neville Island	do			22.115	24.500	34.923	(2)	47.000
Nails, wire, base price, Pittsburgh	100 lbs	2.579	1.950	2.461	2.550	3.971	(2)	6.136
Pipe, cast iron, 4-inch, Birmingham	Ton [3]				51.540	96.818	(2)	(2)
Skelp, grooved, Pittsburgh	100 lbs	1.859	1.567	1.900	1.900	2.450	(2)	3.246
Steel billets, rerolling, Pittsburgh	Ton [7]	34.642	26.519	34.000	34.000	43.327	(2)	52.038
Steel plates, basing point	Pound	.019	.016	.021	.021			
Steel plates, hot rolled, ¼-inch thick, 24–72 inches wide basing point	100 lbs					2.893	(2)	[8] 3.510
Steel rails, mill	Ton [7]	43.000	42.377	40.000	40.000	[9] 2.606	[9] 2.938	[9] 3.208
Steel sheets, No. 27, basing point	Pound	.030	.023	.031	.032			
Steel sheets, hot rolled, No. 11, 36–48 inches wide, 10 feet long, basing point	100 lbs					2.883	(2)	[8] 3.540
Steel, structural shapes, mill	do	1.921	1.584	2.100	2.100	2.633	(2)	3.510
Tin plate, Pittsburgh	do			5.000	5.000	5.750	(2)	7.750
Aluminum, 99 percent plus, New York	Pound	.243	.233	.200	.165	.150	.158	.170
Copper, electrolytic, delivered	do	.184	.058	.112	.120	.213	.223	.195
Lead, pig, desilverized, New York	do	.068	.032	.051	.058	.147	.181	.153
Silver, bar, fine, New York	Ounce	.533	.283	.395	.351	.717	.744	.719
Tin, pig, New York	Pound	.452	.219	.504	.520	.780	.994	.992
Zinc, pig, slab, New York	do	.068	.032	.055	.079	.110	.142	.128
Agricultural implements, factory:								
Cultivator, 1- and 2-row, riding	Each					87.892		
Harrow, spike tooth	do					17.677	(2)	
Plow, 2-horse	do					16.380	(2)	
Separator, cream	do						(2)	
Tractor, 2-plow	do			691.708	665.694	(2)		
Bearings, ball, S.A.E. No. 208, factory [4]	do			2.051	2.051	1.497	1.563	(2)
Bearings, roller, S.A.E. No. 220, factory [4]	do			14.820	14.820	18.379	18.915	(2)

For footnotes, see p. 284.

No. 333.—Wholesale Prices of Important Commodities: 1929 to 1949—Con.

Commodity	Unit	(Average price dollars)						
		1929	1932	1939	1941	1947	1948	1949
BUILDING MATERIALS								
Douglas fir boards, No. 1, mill	1,000 ft	17.961	9.395	19.336	26.017	64.026	69.509	60.133
Maple, flooring, second grade, Cadillac	do	67.775	33.890	56.669	72.537	(2)	184.942	178.203
Oak, White, No. 1, common, mill	do	43.365	30.135	30.184	35.275			
Oak, White, No. 1, common and selects, mill	do					89.224	101.690	95.188
Pine, White, No. 3, Chicago	do	37.730	25.480	35.172	45.184	(2)		
Pine, White, No. 3, common, Chicago	do					86.601	93.750	93.821
Pine, Yellow boards [10]	do		12.353	22.438	31.781	69.971	74.076	63.055
Shingles, cedar, red, No. 1, mill [11]	Square	2.740	1.490	2.814	3.130	10.111	19.376	7.383
Brick, common, building, plant	1,000		10.694	12.046	12.585	20.503	22.860	(2)
Cement, Portland, delivered, New York	Barrels	1.779	1.390	1.870	1.870	2.396	2.821	(2)
Linseed oil, raw, New York	Pound	.123	.063	.092	.106	.343	.297	.245
White lead, in oil, New York	do	.138	.120	.123	.131	.265	(2)	
Plaster, f. o. b. cars, destination	Ton [3]	9.976	12.260	11.947	11.886	14.903	15.854	16.149
Glass, window, single B, New York	50 sq. ft			2.736	2.940	4.602	4.784	4.990
Lime, building, common, plant	Ton [3]	7.987	6.933	7.097	7.093	8.851	9.351	(2)
CHEMICALS AND ALLIED PRODUCTS								
Acetone, C. P., delivered, East	Pound		.098	.047	.066	.071	.082	.076
Acid, acetylsalicylic, U. S. P., f. o. b. New York	do	.850	.744	.450	.400	.450	.454	.480
Acid, sulfuric, 66°, Eastern works	Ton [3]	15.500	15.500	16.500	16.500	16.471	15.528	17.000
Alcohol, S. D. 1, Eastern works	Gallon	.480	.304	.205	.265	.910	.803	.294
Ammonia, anhydrous, New York	Pound	.140	.155	.160	.160	.156	.160	.170
Benzene, pure 90 percent nitration	Gallon	.227	.200	.160	.140	.185	.209	.210
Calcium arsenate, drums, works	Pound				.065	.094	.096	.101
Calcium carbide, drums, delivered	do	.050	.050	.048	.048	.045	.053	(2)
Chlorine, liquid, tanks, works	100 lbs	2.954	1.690	1.779	1.750	2.062	2.326	2.400
Formaldehyde, tanks, f. o. b. works	Pound			.045	.040	.036	.040	.037
Glycerine, U. S. P., C. P., drums	do	.144	.106	.125	.151	.420	.394	.274
Phenol, U. S. P., drums, works	do	.138	.142	.138	.123	.114	.130	.135
Phthalic anhydride, drums, works	do	.191	.150	.145	.145	.152	.197	.220
Potash, muriate, 60 percent, New York	Ton [3]				31.285	29.641	28.444	28.512
Soda ash, 58 percent, light, f. o. b. works	100 lbs	1.345	1.182	1.050	1.050	1.225	1.351	1.362
Soda, caustic, 76 percent, solid, f. o. b. works	Pound	2.950	2.609	2.300	2.300	2.605	2.952	3.050
Soybean oil, crude, mill	do					.230	.220	.109
Sulfate of ammonia, domestic, bulk, Inland producing ovens	Ton [3]					31.538	40.585	45.000
Superphosphate, 16 percent, Baltimore	do	9.731	7.274	7.654	8.750	11.908	12.183	15.200
Tallow, packer's prime, Chicago	Pound	.085	.032	.054	.076	.191	.161	.063
HOUSEFURNISHING GOODS								
Blankets, all wool, factory	Each					9.996	10.640	10.878
Axminster rugs, 9 by 12	do					37.073	40.678	41.920
Vacuum cleaners, electric, without attachment	do					39.865	40.002	41.475
Washing machines, electric, 2-speed, 6-sheet capacity, factory	do			29.453	(2)	(2)	(2)	(2)
MISCELLANEOUS								
Cottonseed meal, bagged, Memphis	Ton [3]					78.625	77.784	60.882
Middlings, standard, Minneapolis	do	27.741	9.815	19.728	24.690	61.700	62.957	48.692
Paper, newsprint, rolls, destination, New York basis	do	62.000	50.385	50.000	50.000	88.615	97.692	100.000
Paper, wrapping, standard, kraft	100 lbs			3.572	4.429	6.035	6.714	6.714
Wood pulp, sulfite, domestic, unbleached, delivered	Ton					113.519	123.788	107.912
Rubber, plantation, ribbed, New York	Pound	.206	.035	.179	.223	.208	.219	.176
Oil, bright stock, mid-Continent	Gallon	.266	.174	.147	.175	.280	.317	(2)
Neutral oil, Pennsylvania	do	.269	.164	.189	.285	.380	.363	.185
Soap, laundry, bars, white, destination	Pound					.096	.117	.154
Soap, toilet, bars or cakes	do					(2)	(2)	.279
Tobacco, smoking, 2-ounce package, destination	Dozen	1.487	1.398	1.306	1.284	1.441	1.452	1.472
Cigarettes, destination	1,000	5.398	6.042	5.513	5.760	6.509	6.658	6.862

[1] Not included in wholesale price index. [2] Insufficient data. [3] Ton of 2,000 pounds.
[4] Case of 4 dozen 14½-ounce cans. Price for 1929 computed from price of 16-ounce cans.
[5] Baked weight. Prices not comparable to earlier years.
[6] Barrel of 42 gallons. [7] Ton of 2,240 pounds. [8] F.o.b. producing point. [9] Price per 100 pounds.
[10] 1932–41 data based on reports of a single company.
[11] 1947 and 1948 data not strictly comparable to earlier years; does not include green and/or dry shingles.

Source: Department of Labor, Bureau of Labor Statistics. Average prices are published in annual report, Wholesale Prices, and monthly releases.

No. 334.—Cost of Living Index: 1820 to 1913

[1913=100. See also *Historical Statistics*, series L 36, for complete presentation of series and for detailed references to basic sources]

YEAR	Index	YEAR	Index	YEAR	Index	YEAR	Index
1820	65	1870	91	1896	74	1906	90
1825	58	1875	86	1897	75	1907	95
1830	54	1880	80	1898	75	1908	91
1835	60	1885	75	1899	77	1909	91
1840	60	1890	78	1900	80	1910	96
1845	54	1891	76	1901	82	1911	96
1850	54	1892	77	1902	84	1912	102
1855	67	1893	75	1903	88	1913	100
1860	61	1894	73	1904	87		
1865	102	1895	73	1905	87		

Source: Federal Reserve Bank of New York, Index of Estimated Cost of Living in the U. S. (1938 revision)

No. 335.—Consumers' Price Index for Moderate-Income Families in Large Cities: 1913 to 1949

[1935-39=100. For detailed explanation, see general note p. 276. See also *Historical Statistics*, series L 41-47]

YEAR AND MONTH	All items	Food	Apparel	Rent	FUEL, ELECTRICITY, AND REFRIGERATION				House-furnish-ings	Miscel-laneous[1]
					Total	Gas and electric-ity	Other fuels	Ice		
1913	70.7	79.9	69.3	92.2	61 9				59.1	50.9
1914	71.8	81.8	69.8	92.2	62 3				60.7	51.9
1915	72.5	80 9	71.4	92.9	62 5				63.6	53 6
1916	77.9	90 8	78.3	94.0	65 0				70.9	56.3
1917	91.6	116.9	94.1	93.2	72 4				82.8	65.1
1918	107.5	134 4	127.5	94 9	84 2				106.4	77.8
1919	123 8	149.8	168 7	102.7	91.1				134.1	87.6
1920	143.3	168.8	201.0	120.7	106.9				164.6	100 5
1921	127.7	128.3	154.8	138.6	114.0				138.5	104.3
1922	119.7	119.9	125.6	142.7	113.1				117.5	101.2
1923	121.9	124 0	125.9	146.4	115 2				126.1	100.8
1924	122.2	122.8	124.9	151.6	113 7				124.0	101.4
1925	125.4	132.9	122.4	152.2	115 4				121 5	102 2
1926	126 4	137.4	120.6	150 7	117.2				118.8	102.6
1927	124.0	132.3	118.3	148.3	115.4				115.9	103.2
1928	122.6	130.8	116.5	144.8	113 4				113.1	103.8
1929	122.5	132 5	115.3	141.4	112 5				111.7	104.6
1930	119.4	126 0	112.7	137.5	111.4				108 9	105.1
1931	108 7	103.9	102.6	130.3	108.9				98.0	104.1
1932	97 6	86 5	90.8	116.9	103.4				85.4	101.7
1933	92.4	84 1	87.9	100.7	100 0				84.2	98.4
1934	95 7	93.7	96 1	94 4	101 4				92.8	97.9
1935	98.1	100 4	96.8	94.2	100.7	102.8	98.8		94.8	98.1
1936	99.1	101.3	97.6	96.4	100.2	100.8	99 9		96.3	98.7
1937	102.7	105.3	102.8	100.9	100.2	99.1	101.3		104.3	101.0
1938	100 8	97.8	102.2	104.1	99 9	99 0	100 8		103.3	101.5
1939	99.4	95.2	100.5	104.3	99.0	98.9	99.1	100.2	101.3	100 7
1940	100.2	96.6	101.7	104.6	99.7	98.0	101.9	100.4	100.5	101.1
1941	105 2	105.5	106.3	106 2	102.2	97.1	108.3	104.1	107.3	104.0
1942	116.5	123 9	124.2	108.5	105.4	96.7	115.1	110.0	122.2	110 9
1943	123.6	138.0	129.7	108.0	107.7	96.1	120.7	114.2	125.6	115.8
1944	125.5	136.1	138.8	108.2	109.8	95.8	126.0	115.8	136.4	121 3
1945	128.4	139.1	145 9	108.3	110.3	95.0	128.3	115.9	145.8	124 1
1946	139.3	159.6	160 2	108.6	112.4	92.4	136.9	115.9	159.2	128.8
1947	159.2	193.8	185.8	111.2	121.2	92.0	156.1	125.9	184.4	139.9
1948	171.2	210.2	198.0	117.4	133.9	94.3	183.4	135.2	195.8	149.9
Mar. 15	166.9	202.3	196.3	116.3	130.3	93.8	175.5	132.2	194.9	146.2
June 15	171.7	214.1	196.9	117.0	132.6	94.2	180.6	134.2	194.8	147.5
Sept 15	174.5	215.2	201.0	118.5	137.3	94.6	191.0	137.6	198.1	152.7
Dec. 15	171.4	205.0	200.4	119.5	137.8	95.3	191.3	138.4	198.6	154.0
1949	169.1	201.9	190.1	120.8	137.5	96.7	187.7	141.7	189.0	154.6
Mar. 15	169.5	201.6	193.9	120.1	138 9	96 1	192.5	140.4	193.8	154.4
June 15	169.6	204.3	190.3	120.6	135.6	96.9	183.0	140.0	187.3	154.2
Sept. 15	169.6	204.2	187.2	121.2	137.0	97.1	185.9	141.5	185.6	155 2
Dec. 15	167.5	197.3	185.8	122.2	139.7	97.2	191.6	145 5	185.4	155 5

[1] Includes transportation, medical care, recreation, household operation, and personal care.

Source: Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics, 1947, and Monthly Labor Review.

No. 336.—Consumers' Price Index for Moderate-Income Families in 34 Large Cities: 1929 to 1949

[1935-39 average=100. For detailed explanation, see general note, p. 276]

City	December 15, index of consumers' prices—all items						December 15, 1949, index for—						
	1929	1932	1939	1941	1947	1948	All items	Food	Apparel	Rent	Fuel, electricity, refrigeration	House furnishings	Miscellaneous
U. S. (34 cities)[1]	122.8	93.5	99.6	110.5	167.0	171.4	167.5	197.3	185.8	122.2	139.7	185.4	155.5
Atlanta	124.6	91.8	98.7	110 6	[2]167.5	[2]173.7	[2]170.5	194.7	[2] 192.1	[2] 126.2	151.2	[2] 187.8	[2]159.8
Baltimore	118.2	93.3	98.9	112.4	171.3	174.0	170.9	208.1	180.7	119.1	151.1	192.9	153.2
Birmingham	128.1	90.1	99.5	113.9	173.8	174.8	168.4	190.5	194.6	143.1	135.5	178.7	150.3
Boston	124.0	95.8	97.9	108.2	160.4	164.7	162.7	189.5	176.3	118.1	154.5	178.1	153.3
Buffalo	121.8	92.9	99.7	113.3	[3]162.6	[3]172.7	[3]167.4	189.3	[3] 185.3	[3] 124.5	146.0	[3] 183.8	[3]158.4
Chicago	129.3	93.8	99.8	110.6	170.1	175.4	173.2	202.2	189.6	141.3	133 6	170.7	159.3
Cincinnati	122.2	92.0	98.2	110.3	170.3	172.2	167.8	197.3	186.3	115.6	148.3	177.6	155.4
Cleveland	118.1	90.4	100.9	113.3	[2]166.9	[2]176.2	[2]170.3	203.2	[2] 185.2	[2] 127.8	146 7	[2] 168 6	[2]153.0
Denver	117.0	91.3	99.7	109.4	[3]160.4	[3]171 0	[3]164.6	196 2	[3] 182.9	[3] 125.3	112.2	[3] 203 5	[3]151.6
Detroit	124.7	86.2	99.8	112.7	169.0	172.8	169.1	193.4	181.9	129.4	148.7	196.0	166.5
Houston	120.7	89.3	101.3	111.4	169.3	173.8	173.2	210.5	197.9	138.7	98.1	185.9	157.8
Indianapolis	122.4	91.3	99.6	113.3	[3]167.8	[3]178.0	[3]172.1	194.5	[3] 182.9	[3] 132.4	161.7	[3] 175.7	161.0
Jacksonville	123.7	92.8	99.3	114.3	173.9	176.2	175.5	202.8	186.1	143.4	146.4	183.0	163.6
Kansas City	117.9	94 6	99.3	108.7	[3]157.9	[3]167.5	[3]161.1	184.5	[3] 178.0	[3] 125.9	126.1	[3] 176.8	[3]155.1
Los Angeles	124.4	95.0	100.4	112.3	166.0	172.7	165.4	197.2	180.7	126.5	95.1	183.2	154.6
Manchester	(4)	(4)	99.0	110.7	[3]166.1	[3]176.5	[3]169 3	192.9	[3] 180.7	[3] 114.0	155.3	[3] 193.6	[3]146.9
Memphis	121.5	90.7	98 9	111.1	173.5	174.3	170.8	206.9	203.3	131.6	140.3	169.5	145.3
Milwaukee	(4)	(4)	98.1	109.4	[2]164.0	[2]171.2	[2]168.4	196.1	[2] 184.2	[2] 131.9	147.3	[2] 184.9	[2]148.1
Minneapolis	117.2	92.8	101.1	110.7	166.2	170.8	167.4	188.7	190.3	134.4	140.6	176.6	161.0
Mobile	124.7	93.0	99.7	116.4	170.3	173.5	167.4	201.3	186.3	126.7	129.1	166.7	146.2
New Orleans	119.6	92.4	100.4	113.5	[2]173.2	[2]176.6	[2]173.3	211.7	[2] 199.3	[2] 115.0	113.1	[2] 191.3	[2]145.6
New York	123.0	97.3	100.1	108.7	164.9	169.2	164.9	198.8	183.0	108 9	139.6	174.7	158.0
Norfolk	122.4	93.6	98.5	115.3	[2]168.2	[2]174.0	[2]168.2	198.0	[2] 180.6	[2] 116.4	157.8	[2] 184.2	[2]152.8
Philadelphia	123.4	93.4	98.6	108.8	166.3	170.6	167.3	193.5	184.4	121.3	145.9	191.6	152.4
Pittsburgh	124.9	93.8	98.8	110.8	170.2	174.9	170.3	200.8	214.9	121.4	138.2	188.3	150.2
Portland, Maine	119.0	95.8	97.6	108.7	162.0	167.1	162.8	187.2	187.9	115.0	151.1	181.7	152.6
Portland, Oreg	117.8	91.8	100.9	113.7	[3]166.5	[3]180.1	[3]173.6	206.3	[3] 186.0	[3] 127.8	131.7	[3] 177.6	[3]159.8
Richmond	118.3	92 9	98.8	110 1	[3]161.7	[3]170.0	[3]164.9	191.3	[3] 187.2	[3] 114.9	149.6	[3] 196.1	[3]146.2
St. Louis	123.6	92.3	99.1	110.6	167.9	171.1	167.8	206.2	188.9	120.6	136.8	167.0	146.3
San Francisco	118.1	95.2	100.2	111.3	168.9	176.7	171.5	210 1	181.3	116.9	84.5	158.7	166.3
Savannah	124.4	94.1	99.7	113.9	[3]171.5	[3]178.4	[3]173.4	201.8	[3] 185.2	[3] 118.0	152.4	[3] 193 3	[3]159.6
Scranton	126.9	96.1	97.4	108.3	[2]165.2	[2]169.4	[2]166.3	193.2	[2] 194.3	[2] 111 8	147 1	[2] 163.1	[2]144.2
Seattle	119.7	92 8	100.9	114.7	[2]166.2	[2]174.3	[2]171 6	203 1	[2] 184.2	[2] 124.9	123.3	[2] 185.9	[2]160.0
Washington, D. C	114.5	94.1	98.9	109.7	[2]161.7	[2]167.1	[2]166.2	196.1	[2] 210.3	[2] 106.4	142.9	[2] 195.4	[2]156.9

[1] Indexes for food based on prices in 51 cities through 1942, 56 cities thereafter. Data for Milwaukee, except for food, not included prior to December 1940.
[2] November.
[3] October.
[4] Not available.

Source: Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics, Bulletin 699, and Monthly Labor Review.

No. 337.—Consumers' Price Indexes in Selected Cities: 1939 to 1948

[January 1939=100. Data cover prices of important commodities and services entering into family living expense, i. e., food, housing, clothing, fuel, light, housefurnishings, medical fees, automobile purchase and operation, carfare, etc.]

City	1939	1940	1941	1942	1943	1944	1945	1946 [1]	1947 [2]	1948
Akron	99.9	102.3	109.2	121.0	126.5	127 9	129.2	138.4	155.7	165.6
Atlanta	99.3	98.9	104.0	115.2	122.0	124.1	126.1	134.1	153.1	159.8
Baltimore	99.9	100.6	106.5	118.7	126.5	128.5	130.2	137.7	156.3	165.6
Birmingham	99.5	100.0	106.5	118.4	124.2	127.1	128.8	136.6	153.4	161.1
Boston	99.6	100.6	104.8	116.5	122.5	122.6	124.5	135.1	151.7	161.8
Bridgeport	100.0	101.2	106.7	119.0	124.9	126.8	127.1	136.2	154.4	166.3
Buffalo	100.7	102.5	109.0	121.6	128.3	128.3	129.4	137.4	156.5	167.4
Chattanooga	99.0	98.3	103.4	115.0	123.0	126.6	128.1	137.2	154.8	161.1
Chicago	99.5	100.3	105.6	116.1	122.1	123.5	125.6	134.5	154.5	166.4
Cincinnati	99.3	100.3	105.2	116.7	123.1	124.0	125.9	134.9	154.9	165.6
Cleveland	99.5	100.4	105.4	116.8	122.9	125.4	127.8	135.9	154.6	165.2
Dallas	99.4	99.2	103.9	115.6	121.8	124.2	127.3	133.8	149.1	159.0
Dayton	98.6	99.3	105.9	116.5	122.6	124.2	126.6	133.8	151.8	160.7
Denver	100.0	99.5	103.7	114.4	120.5	123.3	125.0	133.7	151.0	160.6
Des Moines	100.4	100.3	106.0	117.2	122.8	123.8	124.8	132.6	151.0	161.1
Detroit	99.5	100.9	107.0	119.7	126.9	128.5	131.2	139.3	156.9	166.6
Duluth	100.1	99.6	104.8	115.9	122.6	122.6	125.9	135.5	154.3	165.0
Erie, Pa	100.6	102.4	108.4	122.9	131.0	131.6	133.8	143.4	164.5	174.0
Fall River	99.9	100.7	105.9	118.2	123.7	124.8	126.7	134.6	150.5	160.9
Grand Rapids	99.7	101.4	108.1	119.2	126.9	128.8	131.6	139.6	157.4	167.1
Green Bay, Wis	[3]	[3]	[3]	113.7	119.2	122.0	125.1	132.4	151.2	159.8
Houston	99.4	100.0	104.4	115.1	120.0	122.5	124.4	132.0	149.0	159.0
Huntington, W. Va	[3]	[3]	[3]	[3]	124.9	126.3	131.4	139.8	158.0	163.6
Indianapolis	99.8	101.2	107.1	118.1	124.2	127.2	130.1	140.5	156.9	166 8
Kansas City, Mo	99.9	99.4	103.7	114.8	120.8	123.5	125.7	133.1	149.1	158.0
Lansing	[3]	[3]	107.2	120.1	128.1	130.7	133.4	141.3	158.8	166.6
Los Angeles	99.5	99.5	104.8	117.1	123.9	125.6	128.0	135.3	150.1	158.7
Louisville	99.9	100.7	106.4	117.7	123.0	124.1	127.8	138.8	161.4	171.5
Macon	99.8	101.0	106.5	120.6	128.8	131.1	132 1	138.8	156.6	163 5
Memphis	100.0	100.3	106.1	118.8	125.7	126.5	127.9	136.5	153.1	159.5
Milwaukee	99.5	100.7	105.6	115.9	122.4	124.4	126.6	134.6	151.5	164.0
Minneapolis	100.6	101.0	106.0	116.5	123.6	125.8	127.9	137.1	157.0	168.9
Muskegon	[3]	[3]	110.4	121.7	128.9	130.8	133.8	144.5	164.5	172.2
Newark	99.6	100.2	104.6	114.6	123.3	123.1	124.6	133.1	149.4	160 5
New Haven	99.9	100.8	105.2	114.6	119.2	119.7	120.9	129.5	148.0	155.8
New Orleans	100.4	101.8	107.6	119.4	128.1	128.2	130.6	139.8	159.7	168.3
New York	100.0	101.2	105.7	115.6	122.8	124.6	126 1	134.6	151.5	161.2
Omaha	100.6	101.3	105.6	116.8	122.9	125.3	128 2	136 8	156.3	167.3
Philadelphia	99.8	100.1	105.8	118.7	123.9	125.3	127.3	136.1	153.1	160.9
Pittsburgh	99.7	101.3	106.8	118.0	123.3	124.0	125.8	134.7	153.4	163.6
Portland, Oreg	100.2	100.2	105.7	120.1	125.7	127.3	128.4	137.2	153.8	164.0
Providence	100.1	101.1	104.6	115.1	122.1	124.4	127.9	136.5	153.1	163.0
Richmond	99.7	100.0	105.0	117.5	124.1	126.7	129.3	138.1	158.6	166 9
Roanoke, Va	[3]	[3]	[3]	121.9	128.0	129.9	131 1	140.0	159.6	168.7
Rochester	100.0	103.0	108.1	119.6	126.2	127.4	129.5	138.8	157.1	164.9
Rockford, Ill	[3]	[3]	[3]	123.3	130.6	131.9	134.0	143.1	163.6	174.6
Sacramento	100.4	100.3	104.3	115.7	123.5	126.6	128.5	136.6	153.5	163.2
St. Louis	99.5	100.5	105.3	116.8	123.9	125.0	126.6	134.3	152.1	161.8
St. Paul	100.5	101.2	105.7	114.8	121.2	122.6	123.9	133.9	154.2	165.6
San Francisco—Oakland	99.4	99.1	103.7	116.3	123.2	125.8	128.1	138.2	155.5	165.9
Seattle	100.4	101.3	106.6	119.8	126.2	127.3	128.9	137.9	154.8	164.1
Spokane	100.0	100.8	105.7	118.0	124.5	125.2	127.5	136.7	151.9	160.9
Syracuse	[3]	[3]	106.3	119.9	126.6	126.5	127.9	135.7	153.6	161.4
Toledo	98.9	98.4	104.7	117.9	123.6	127.3	130.9	140.2	158.0	168.7
Wausau, Wis	100.1	101.6	107.2	118.3	124.4	125.9	128.4	137.7	157.0	168.0
Wilmington, Del	100.0	100.3	106.2	118.7	124.2	124.1	125.1	134.3	150.9	159.2
Youngstown	99.7	101.6	107.4	118.7	126.1	127.3	130.5	138.2	154.5	163.8

[1] Average of four quarterly indexes.
[2] Weighted average of two quarterly indexes and six monthly indexes.
[3] Not available.

Source: National Industrial Conference Board, New York, N. Y.; The Management Almanac.

No. 338.—Indexes of Retail Prices of Foods, by Group: 1929 to 1949

[1935-39 average=100. See general note, p. 276]

Year and month	All foods	Cereals and bakery products	Meats, poultry, and fish	Dairy products	Eggs	Fruits and vegetables				Beverages	Fats and oils	Sugar and sweets
						Total	Fresh	Canned	Dried			
1929	132.5	107.6	127.1	131.0	143.8	169.0	173.5	124.3	171.0	164.8	127.2	114.3
1930	126.0	104.3	119.1	121.0	121.4	177.5	185.7	118.6	158.7	143.4	119.2	107.4
1931	103 9	91.4	101.1	102.8	95.6	125.7	128.7	103.3	118.7	124.6	96.0	99.1
1932	86.5	82.6	79.3	84.9	82.3	103.5	105.9	91.1	91.2	112.6	71.1	89.6
1933	84.1	84.7	68.9	82.8	77.9	113.8	118.9	87.9	88.4	102.4	66.4	94.3
1934	93.7	98.3	78.9	90.9	88.6	119.1	122.3	103.9	101.1	107.6	76.4	97.9
1935	100.4	101 8	99.9	97.5	104.2	99.7	98.8	106.2	100.8	104.0	110.3	100.7
1936	101.3	100.7	98.9	101.6.	103.3	104.8	106.2	100.9	96.6	99.4	102.8	99.6
1937	105.3	103.3	105.8	105.4	101.2	107.9	108.6	103.2	116.0	103.6	105.8	101.2
1938	97.8	99.8	98.9	99.6	100.3	93.2	92.1	97.4	93.3	97.7	93.5	97.9
1939	95.2	94.5	96.6	95.9	91.0	94.5	95.1	92.3	93.3	95.5	87.7	100.6
1940	96 6	96.8	95.8	101.4	93.8	96.5	97.3	92.4	100.6	92.5	82.2	96.8
1941	105.5	97.9	107.5	112.0	112.2	103.2	104.2	97.9	106.7	101.5	94.0	106.4
1942	123.9	105.1	126.0	125.4	136.5	130.8	132.8	121.6	136.3	122.1	119.6	126.5
1943	138.0	107.6	133.8	134.6	161.9	168.8	178.0	130.6	158.9	124.8	126.1	127.1
1944	136.1	108.4	129.9	133.6	153.9	168.2	177.2	129.5	164.5	124 3	123.3	126.5
1945	139.1	109.0	131.2	133.9	164.4	177.1	188.2	130.2	168.2	124.7	124.0	126.5
1946	159.6	125.0	161.3	165.1	168.8	182.4	190.7	140.8	190.4	139.6	152.1	143.9
Jan. 15	141.0	109.4	131.4	136 4	172.4	180.8	192.7	130.5	169.0	124.9	125.5	126.5
Feb. 15	139.6	109.8	131.3	136.6	144.2	181.1	193.0	130.9	169.8	124.9	125.4	126.9
Mar. 15	140.1	110.3	131 3	137.0	139.0	183.4	196.3	129.6	168.9	124.9	125.9	132.4
Apr. 15	141.7	113.3	132.8	137.4	137.7	185.9	199.8	128.7	169.5	124.9	126.1	135.3
May 15	142.6	115.2	133.4	138.6	140.3	185.7	199.6	127.8	171.9	125.4	126.1	135.9
June 15	145.6	122.1	134.0	147.8	147.1	183.5	196.7	127.5	172.5	125.4	126.4	136.2
July 15	165.7	126.1	173.7	179.1	161.0	188.4	202.1	130.9	175.9	126.0	137.9	138.5
Aug. 15	171.2	135.4	186.6	180.1	173.6	178 3	185.8	140.7	183.0	126.6	180.3	140.3
Sept. 15	174.1	137.3	188.5	186.6	193.3	176.4	181.1	148.7	185.6	162.0	151.4	141.5
Oct. 15	180 0	138 5	190.7	202.4	214.6	176.5	178.8	154.6	198.7	166.5	147.9	167.5
Nov. 15	187.7	140.6	203.6	198.5	201.6	184.5	182.3	167.7	251.6	167.8	244.4	170.5
Dec. 15	185.9	141.6	197.8	200.9	201.1	185.0	180.6	172.6	268.0	176.2	207.3	175.3
1947	193.8	155.4	217.1	186.2	200.8	199.4	201.5	166.2	263.5	186.8	197.5	180.0
Jan. 15	183.8	143.4	199.0	190.1	181.7	187.9	184.1	173.6	269.2	178.3	201.9	176.2
Feb. 15	182.3	144.1	196.7	183.2	169.9	191.7	189.3	172.6	269.9	182.8	201.3	178.1
Mar. 15	189.5	148.1	207.6	187.5	174.7	199.6	199.4	172.9	271.3	186.9	219.1	178.6
Apr. 15	188.0	153.4	202.6	178.9	176.3	200.4	200.7	172.6	269.7	189.5	227.8	179.3
May 15	187.6	154.2	203.9	171.5	178.9	207.0	209.5	172.3	268.1	188.9	200.5	179.3
June 15	190.5	154.6	216.9	171.5	183.0	205 0	208.0	169.7	262.6	181.3	188.3	179.7
July 15	193.1	155.0	220.2	178.8	203.0	202.0	204.2	168.5	263.6	180.8	182.0	179.7
Aug. 15	196.5	155.7	228.4	183.8	212.3	199.8	202.1	165.7	263.4	181.7	178.5	179.8
Sept. 15	203.5	157.8	240.6	195.2	235.9	198.2	202.4	157.3	261.2	187.0	176.6	181.1
Oct. 15	201.6	160.3	235 5	190.1	232.7	196.6	201.1	155.2	255.6	190.8	190.0	181.8
Nov. 15	202.7	167.9	227.0	198.4	224.7	199.6	205.0	156.5	251.7	194.7	196.4	183.2
Dec. 15	206.9	170.5	227.3	204.9	236.1	205.3	212.1	157.3	255.4	198.5	208.2	183.7
1948	210.2	170.9	246.5	204.8	208.7	205.2	212.4	158.0	246.8	205.0	195.5	174.0
Jan. 15	209.7	172.7	237.5	205.7	213.6	208.3	215.7	158.0	256.8	201.9	209.3	183.4
Feb. 15	204.7	171.8	224.8	204.4	189.2	213.0	222.0	157.7	256.0	204.0	194.2	176.8
Mar. 15	202.3	171.0	224.7	201.1	186.3	206.9	214.2	157.7	253.9	204.4	191.7	174.4
Apr. 15	207.9	171.0	233.8	205.8	184.7	217.4	228.4	156.4	252.1	204.4	191.4	173.6
May 15	210.9	171.1	244.2	204.8	184.9	218.0	229.4	156.4	250.0	204.6	196.6	173.0
June 15	214.1	171.2	255.1	205.9	194.2	214.9	225.2	157.4	248.0	205.1	200.5	170.6
July 15	216.8	171.0	261.8	209.0	204.3	213.4	223.2	157.7	248.0	205.2	200.8	170.9
Aug. 15	216.6	170.8	267.0	211.0	220.2	199.6	204.8	157.8	249.2	205.3	197.8	172.3
Sept. 15	215.2	170.7	265.3	208.7	226.6	195.8	199.6	159.0	249.1	205.6	196.8	173.2
Oct. 15	211.5	170.0	256.1	203.0	239.0	193.5	197.3	158.9	238.1	205.9	193.0	173.1
Nov. 15	207.5	169.9	246.7	199.5	244.3	189.4	192.4	159.4	230.6	206.4	189.4	173.3
Dec. 15	205.0	170.2	241.3	199.2	217.3	192.3	196.2	159.4	229.8	207.8	184.4	173.0
1949	201.9	169.7	233.4	186.7	201.2	208.1	218.8	152.9	227.4	220.7	148.4	176.4
Jan. 15	204 8	170.5	235.9	196.0	209.6	205.2	213.3	159.2	228.4	208.7	174.7	173.4
Feb. 15	199.7	170.0	221.4	192.5	179.6	213.7	224.9	158.6	224.6	209.0	159.8	174.3
Mar. 15	201.6	170.1	229.6	190.3	180.1	214.5	226.0	158.0	227.9	208.5	155.1	175.6
Apr. 15	202.8	170.3	234.4	184.9	183.8	218.6	231.5	157.1	228.3	208.2	149.8	176.2
May 15	202.4	170.1	232.3	182.6	190.9	220.7	234.6	156.3	227.5	207.2	144.4	176.1
June 15	204.3	169.7	240.6	182.0	198.0	217.9	231.1	155.3	227.3	207.6	142.9	176.5
July 15	201.7	169.5	236.0	182.2	204.1	210.2	221.2	154.2	228.1	208.2	141.0	176.2
Aug. 15	202.6	169.4	239.5	184.9	222.2	201.9	211.4	149.7	229.6	208.8	144.0	176.5
Sept. 15	204.2	169.7	243.6	185.3	232.6	199.8	209.0	148.0	230.1	211.0	148.3	176.8
Oct. 15.	200.6	169.1	235.1	186.7	227.8	194.5	202.3	147.0	228.5	213.8	144.5	177.5
Nov. 15	200.8	169.2	229.1	186.4	207.8	202.0	212.7	146.2	224.7	265.3	139.7	178.9
Dec. 15	197.3	169.2	223.2	186.2	178.0	198.2	208.0	145.1	224.3	292.5	136.7	178.8

Source: Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics, Serial No.R1172, and Monthly Labor Review.

No. 339.—Indexes of Retail Prices of Foods, by City: 1929 to 1949

[1935–39 average=100. Sales taxes included wherever applicable. See general note, p. 276]

Region and city	1929	1932	1939	1941	1945	1947	1948			1949		
							Avg.	June	Dec.	Avg.	June	Dec.
United States [1]	**132.5**	**86.5**	**95.2**	**105.5**	**139.1**	**193.8**	**210.2**	**214.1**	**205.0**	**201.9**	**204.3**	**197.3**
New England:												
Boston	137.1	89.3	95.3	103.2	133.6	184.0	194.1	204.1	194.2	192.9	195.9	189.5
Bridgeport	127.3	88.1	94.8	104.9	135.9	188.2	200.0	210.3	201.0	200.0	205.0	197.0
Fall River	130.8	84.6	96.0	104.9	132.9	188.4	199.8	211.3	200.4	198.8	201.1	193.8
Manchester	127.0	82.9	96.1	104.8	135.2	191.6	201.8	213.0	203.6	199.4	205.2	192.9
New Haven	128.4	88.2	94.7	103.9	136.0	186.6	195.1	205.4	194.5	195.3	198.5	193.1
Portland, Maine	137.3	90.9	95.1	103.8	133.6	186.3	194.3	204.1	195.0	191.9	197.2	187.2
Providence	132.9	86.6	94.9	104.6	138.1	195.9	210.1	222.0	209.2	207.1	208.9	201.3
Middle Atlantic:												
Buffalo	132.6	85.7	95.9	108.5	136.8	187.0	197.9	211.6	200.0	196.2	199.6	189.3
Newark	127.2	89.3	96.7	105.7	141.4	187.8	200.1	209.9	201.2	198.6	199.6	196.1
New York	133.4	92.5	96.5	106.0	140.1	193.1	205.3	213.9	204.3	202.7	203.4	198.8
Philadelphia	130.3	86.5	94.4	102.4	137.1	189.3	200.4	209.4	199.3	197.4	198.7	193.5
Pittsburgh	135.4	83.9	93.5	106.2	138.6	197.9	208.0	219.6	208.0	205.8	208.8	200.8
Rochester	131.8	84.6	94.9	106.9	135.6	186.5	195.5	208.8	196.5	195.5	199.3	192.0
Scranton	140.6	88.7	94.8	104.9	139.4	194.9	201.6	216.1	201.1	201.4	204.1	193.2
East North Central:												
Chicago	133.2	87.5	94.9	106.2	137.8	197.5	207.3	221.3	208.2	207.4	211.6	202.2
Cincinnati	135.6	83.9	92.3	105.0	137.6	195.5	205.5	216.3	205.2	201.5	204.2	197.3
Cleveland	131.1	82.4	96.3	107.7	143.2	200.1	212.8	223.7	213.0	209.0	211.2	203.2
Columbus	131.5	83.6	92.3	102.2	131.5	181.7	188.6	199.2	189.4	184.3	185.4	179 3
Detroit	133.9	78.8	93.7	104.9	135.6	189.2	197.3	211.3	198.7	196.6	201.5	193.4
Indianapolis	138.3	85.5	93.5	106.3	135.4	193.1	200.9	211.5	204.8	197.9	200.5	194.5
Milwaukee	131.6	87.1	93.7	104.0	137.4	191.8	206.5	215.3	205.0	202 2	205.6	196.1
Peoria	128.6	81.8	96.0	108.2	143.3	204.1	215.7	227.3	216.8	212.4	218.9	206.5
Springfield	131.7	81.7	95.5	105.6	144.2	206.1	214.0	224.4	214.4	208.0	214.0	201.6
West North Central:												
Cedar Rapids [2]	(3)	(3)	(3)	104.1	142.5	201.9	211.5	224.3	211.8	206.1	211.2	200.3
Kansas City	129.8	84.2	94.3	101.2	133.0	185.1	194.6	204.4	194.7	188.9	190.5	184.5
Minneapolis	125.0	80.3	97.2	106.6	132.0	185.5	195.3	206.2	195.6	192 0	194.3	188.7
Omaha	128.8	81.4	94.7	103.7	131.9	189.0	198.0	210.1	203.1	196.4	201.1	190.9
St. Louis	128.1	80.4	95.7	107.5	141.4	201.4	212.4	222.0	212.2	208.9	212.8	206.2
St. Paul	128.3	82.5	96.1	104.1	130.9	182.4	192.9	203.7	192.1	189.7	192.3	186.0
Wichita [2]	(3)	(3)	(3)	105.9	149.6	203.1	219.0	226.4	220.4	213.1	216.4	207.8
South Atlantic:												
Atlanta	141.8	86.1	94.3	103.8	140.0	198.7	202.1	209.9	203.3	199.3	200.5	194.7
Baltimore	124.1	83.0	96.7	107.0	147.4	203.7	213.5	225.3	214.6	212.8	216.2	208.1
Charleston	128.0	84.9	96.4	104.7	136.9	191.4	196.9	208.1	197.1	192.3	195.4	187.9
Jacksonville	131.8	84.8	96.7	108.6	148.2	202.6	210.6	222.9	209.9	206.3	208.3	202.8
Norfolk	138.0	88.6	94.2	107.4	143.8	202.9	208.7	214.4	209.8	204 2	206.9	198.0
Richmond	133.9	85.4	92.9	103.4	136.4	192.8	200.3	205.3	201.5	196.8	197.5	191.3
Savannah	133.4	84.1	96.7	109.8	153.7	212.3	215.3	224.5	216.0	211.4	217.1	201.8
Washington	134.6	89.2	95.0	105.4	139.9	193.7	202.4	215.4	201.8	200.5	202.2	196.1
Winston-Salem [2]	(3)	(3)	(3)	102.0	140.8	199.3	203.7	209.5	206.6	198.8	200.6	196.3
East South Central:												
Birmingham	143.5	86.3	92.4	103.3	143.4	203.5	202.0	212.7	204.8	198.2	201.4	190.5
Jackson [2]	(3)	(3)	(3)	111.4	149.7	207.3	209.5	216.7	213.8	205.6	205.5	204.5
Knoxville [2]	(3)	(3)	(3)	105.8	159.3	226.8	230.0	238.4	233.9	223.8	226.0	220.0
Louisville	132.9	80.8	93.9	105.2	132.8	187.5	193.9	203.8	196.6	190.1	194.1	185.0
Memphis	138.0	86.8	92.7	103.8	148.1	211.6	217.1	226.7	217.9	213.2	215.3	206.9
Mobile	136.5	85.5	96.7	109.0	147.1	200.2	214.5	219.8	211.8	206.2	207.9	201.3
West South Central:												
Dallas	137.2	85.1	92.5	101.0	135.9	195.4	207.1	210.8	208.2	204.4	204.9	201.9
Houston	130.1	80.3	97.8	108.9	138.7	201.2	215.7	220.0	218.1	211.6	211.8	210.5
Little Rock	135.5	79.9	94.8	104.3	138.6	195.0	199.8	210.0	201.6	199.7	204.2	197.0
New Orleans	124.3	84.0	98.1	110.7	153.3	209.0	214.4	227.3	216.1	212.6	215.2	211.7
Mountain:												
Butte	133.2	84.6	96.0	105.0	136.6	187.7	205.0	214.7	205.7	201.7	206.7	194.1
Denver	120.6	81.6	94.6	103.2	138.8	194.0	209.6	216.5	211.0	203.4	208.2	196.2
Salt Lake City	128.9	81.7	95.8	106.1	142.9	194.0	211.8	215.8	209.8	204.8	207.5	196.6
Pacific:												
Los Angeles	136.2	86.5	96.2	107.7	145.6	198.6	215.5	212.1	214.9	205.8	206.6	197.2
Portland, Oreg	128.1	84.7	98.3	111.5	149.5	203.6	224.2	228.2	223.5	215.6	219.4	206.3
San Francisco	127.8	89.5	96.0	107.0	148.2	202.8	223.2	221.6	221.1	215.3	215.5	210.1
Seattle	129.6	87.4	97.2	110.2	144.4	198.7	214.4	220.3	211.8	208.9	208.5	203.1

[1] Based on costs in 51 cities prior to March 1943, 56 cities thereafter.
[2] Based on June 1940=100.
[3] Not available.

Source: Dept. of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics and Monthly Labor Review.

No. 340.—Average Retail Prices of Selected Foods: 1913 to 1949

[**Prices in cents per pound except for milk (cents per quart), eggs and oranges (cents per dozen), and tomatoes (cents per No. 2 can).** Data are averages of prices as reported by retail dealers in 51 large cities prior to 1943 and in 56 cities thereafter. Prices for individual cities combined with use of population weights]

YEAR AND MONTH	Wheat flour	Corn meal	Bread, white	Round steak	Chuck roast	Pork chops	Bacon, sliced	Ham, whole	Lamb, leg	Chickens, roasting	Butter	Cheese
1913	3.3	3.0	5.6	22.3	16.0	21.0	27.0	-------	18.9	21.3	38.3	22.1
1920	8.1	6.5	11.5	39.5	26.2	42.3	52.3	-------	39.3	44.7	70.1	41.6
1922	5.1	3.9	8.7	32 3	19.2	33.0	39.8	-------	36.6	36 0	47.9	32.9
1929	5.1	5.3	8.8	46.0	31.4	37.5	43.9	------	40.2	41.2	55.5	39.5
1932	3.2	3.6	7.0	29.7	18.5	21.5	24.2	-------	23.8	25.6	27.8	24.4
1939	3.8	4.0	7.9	36.0	23.4	30.4	31.9	27.5	28.2	30.6	32.5	25.3
1941	4.5	4.3	8.1	39.1	25.5	34.3	34.3	30.4	29.7	32.6	41.1	30.0
1942	5.3	4.8	8.7	43.5	29.3	41.4	39.4	37.4	35.3	39.1	47.3	34.8
1943	6.1	5.6	8.9	43 9	30.2	40.3	56.2	37.7	40 3	44.9	52.7	37.4
1944	6.5	6.2	8.8	41.4	28.8	37.3	41.1	35.4	40.0	45.1	50.0	36.0
1945	6.4	6.4	8.8	40.6	28.1	37.1	41.1	34.7	40.0	46.6	50.7	35.6
1946	7.1	7.5	10.4	52.1	36.6	48.5	53.3	47.8	48.7	52.6	71.0	50.1
1947	9.6	9.8	12.5	75.6	51.5	72.1	77.7	67.5	64.2	55.3	80.5	59.0
Mar. 15	8.9	9.0	12.1	68.2	46.4	72.1	77.0	70.9	62.0	53.8	82.9	61.1
June 15	9.8	9.1	12.5	78 0	50.6	74.2	72.3	66.9	66.3	55 0	70.7	55.2
Sept. 15	9.8	10.5	12.6	86.7	58.1	85.0	85.6	75.5	70.3	57.7	91.6	57.5
Dec. 15	10.8	11.2	13.6	79.9	56.4	68.0	87.2	65.6	63.8	57.5	95.4	61.4
1948	9.8	10.9	13.9	90.5	64.4	77.2	76.9	68 0	71.1	61.3	86.7	65.6
Mar. 15	9.9	11.1	13.9	79 1	56.0	69.9	70 8	62.8	62 5	58.7	86.4	63.4
June 15	9.7	11.0	13.9	97.2	69.5	78.5	76.9	68.0	78.2	62 6	91.0	66 2
Sept. 15	9.6	11.0	13.9	98.9	70.7	91.8	79.0	74.4	74 0	63.2	84.7	68.7
Dec. 15	9.6	10.0	13.9	88.3	62.1	67.4	74.6	65.6	68.8	62.8	75.6	64.2
1949	47.9	9.1	14.0	85.3	55.5	74.3	66.5	63.4	72.5	(1)	72.5	(1)
Mar. 15	48.1	9.5	14 0	79 2	52.7	73.7	68.1	63.8	69 4	59.9	73.4	60.0
June 15	47.7	9 3	14 0	89 4	56 5	83 2	64.1	64.2	80.2	(2)	70.3	58.8
Sept. 15	47.5	8.7	14 0	90.9	56.9	87.0	67.6	68 5	73.3	(2)	72.8	[3] 52.0
Dec. 15	48.1	8.5	14.0	87.0	57.0	60.2	61.2	57.1	68 0	(2)	73.5	52.5

YEAR AND MONTH	Milk, fresh (delivered)	Eggs	Bananas	Oranges	Cabbage	Onions	Potatoes	Tomatoes	Prunes, dried	Coffee	Lard	Sugar
1913	8.9	34.5	-------	-------	-------	-------	1.7	-------	-------	29.8	15.8	5.5
1920	16.7	68.1	12.6	63.2	6.4	7.1	6.3	14.8	28.1	47.0	29.5	19.4
1922	13.1	44.4	10.3	57 4	4.6	7.9	2.8	13.4	20.1	36.1	17.0	7.3
1929	14.4	52 7	9.7	44 7	5.3	6.7	3.2	12.8	15.3	47.9	18.1	6.4
1932	10.7	30.2	6.5	30.2	4.1	5.0	1.7	9.3	9.2	29.4	8.7	5.0
1939	12.2	32.1	6.3	28.9	3.6	3.8	2.5	8.6	8.9	22.4	11.0	5.4
1941	13.6	39.7	7.2	31.0	4.2	5.0	2.4	9.1	9.8	23.6	12.7	5.7
1942	15.0	48.4	10.2	35.7	4.3	5.9	3.4	11.7	13.3	28.3	17.2	6.8
1943	15.5	57.2	11.7	44.3	7.1	7.5	4.6	15.0	16.6	30.0	19.0	6.8
1944	15.6	54.5	11.3	46 0	5.3	6.9	4.7	12.0	17.0	30.1	18.7	6.7
1945	15.6	58.1	10.4	48.5	6.1	6.9	4.9	12.2	17.5	30.5	18.8	6.7
1946	17.6	58.6	11.6	49.9	5.9	6.9	4.7	15.0	19.1	34.4	26.3	7.7
1947	19.6	69.6	15.1	43.4	7.3	7.4	5.0	19.3	24.7	46.9	31.5	9.7
Mar. 15	19.3	60.6	14.9	43.4	6.6	5.2	4.5	21.0	26.3	47.0	38.7	9.7
June 15	18.5	63.4	15.1	42.8	7.8	7.4	5.8	20.3	24.9	45.5	27.1	9.7
Sept. 15	19.8	81.8	15.2	49.2	6.5	7.8	4.9	17.2	24.1	46.9	27.0	9.8
Dec. 15	20.8	81.8	15.6	37.7	9.0	10.8	5.3	16.7	22.3	49.8	36.2	9.9
1948	21.8	72.3	15.9	44.7	6.6	10 6	5.6	16.5	21.4	51.4	29.6	9.4
Mar. 15	21.2	64.6	15 4	41.0	6.7	16.0	5 9	16.7	21.5	51.3	28.6	9.4
June 15	21.2	67.3	15.8	43 8	6.9	10.8	6.3	16.6	20.8	51.4	29.6	9.2
Sept. 15	22.7	78.4	16.3	52.9	5.2	6.4	5.0	16.5	20.9	51.6	29.6	9.3
Dec. 15	22.6	75.2	16.3	43.4	5.4	6.5	5.0	16.2	22.1	52.1	27.0	9.3
1949	21.1	69.6	16.6	51.8	6.7	7.4	5.5	15.2	23.1	55.4	19.2	9.5
Mar. 15	21.6	62.4	16.6	49.7	8.1	6.1	5.7	15 9	22.8	52.3	19.6	9.5
June 15	20.6	68.6	17.2	59.1	6.5	8.4	6.2	15.7	23.1	52.1	18.1	9.5
Sept. 15	20.8	80.5	16.4	52.0	6.4	7.4	5.0	14.3	23 5	52.9	20.0	9.5
Dec. 15	21.0	61.6	16.5	41.6	6.2	9.1	4.7	14.2	23.6	73.4	17.0	9.7

[1] Not available.
[2] Pricing discontinued. Fryers substituted April 1949.
[3] Revised July 1949 from no. 1 mild cheddar in bulk to process American cheese.

Source: Department of Labor, Bureau of Labor Statistics; Handbook of Labor Statistics, Serial No. R1172, and Monthly Labor Review.

No. 341.—Coal—Average Retail Prices and Indexes for Large Cities Combined: 1929 to 1949

[Unweighted average for bituminous; weighted average for anthracite. Prices not directly comparable because of change in number of dealers reporting number of quotations received or number of cities from which prices are collected over period c vered. See also *Historical Statistics*, series L 50-51]

Year and month	Average price per ton of 2,000 pounds			Index (October 1922–September 1925=100)		
	Bituminous	Pennsylvania anthracite		Bituminous	Pennsylvania anthracite	
		Stove	Chestnut		Stove	Chestnut
1929	$8.85	$14.14	$13.70	91.5	100.5	97.7
1932	7 71	12.55	12.45	79.7	89.2	88.7
1935	8 29	11.38	11.14	85.7	80.9	79 4
1938	8.61	10.96	11.11	88.7	77.9	79.1
1941	9 10	11.92	11.97	92 6	84.7	85.2
1945	10 49	14.36	14.43	106.5	102.1	102.7
1946	10 95	15 96	15.97	112.5	113.4	113.8
1947	12 99	17.23	17 11	131.0	123.0	123 7
1948	15.40	19.24	19.10	153.4	137.8	138.3
1949 (preliminary)	15.83	20 34	20.13	157.9	145.6	145.7
1948: September	15.98	20.26	20 09	159.1	145.1	145.4
December	15.96	20.28	20 10	159.2	145.2	145.5
1949· March	16 04	20.81	20 59	160.0	149 0	149 1
June	15 52	19.86	19.65	154.8	142 2	142.3
September	15.69	20.30	20.08	156.4	145 4	145.4
December (preliminary)	16.32	20.69	20.49	162.7	148.2	148.4

Source: Department of Labor, Bureau of Labor Statistics; data through 1941 from Bulletin No. 707. Later data published currently in monthly releases and in Monthly Labor Review.

No. 342.—Average Typical Bills for Specified Quantities of Electric Energy in Cities of 50,000 Population or More: 1930 to 1950

[25,100, and 250 kilowatt-hour consumptions were chosen to represent the typical usage, respectively, of residential consumers who use electricity for lighting and the operation of small appliances only; for lighting, small appliances, and refrigeration; and for lighting, small appliances, refrigeration, and cooking]

Date	Average bill in dollars for—			Average bill in cents per kilowatt-hour for—			Index of average bill (Jan. 1, 1935=100) for—		
	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.
Oct. 1, 1930	1. 70	4. 98	10. 38	6. 8	5. 0	4. 2	108. 3	111. 9	115. 8
Oct. 1, 1931	1. 69	4. 72	9. 58	6. 8	4. 7	3. 8	107. 6	106. 1	106. 9
Oct. 1, 1932	1. 67	4. 65	9. 42	6. 7	4. 7	3. 8	106. 4	104. 5	105. 1
Oct. 1, 1933	1. 63	4. 58	9. 26	6. 5	4. 6	3. 7	103. 8	102. 9	103. 3
Oct. 1, 1934	1. 58	4. 47	8. 98	6. 3	4. 5	3. 6	100. 6	100. 4	100. 2
Jan. 1, 1935 [1]	1. 57	4. 45	8. 96	6. 3	4. 5	3. 6	100. 0	100. 0	100. 0
Jan. 1, 1935 [2]	1. 60	4. 47	8 90	6. 3	4. 5	3. 6	100. 0	100. 0	100. 0
Jan. 1, 1936	1. 53	4. 21	7. 85	6. 1	4. 2	3. 1	95. 6	94. 2	88. 2
Jan. 1, 1937	1. 45	4. 10	7. 51	5. 8	4. 1	3. 0	90 6	91. 7	84. 4
Jan. 1, 1938	1. 43	4. 03	7. 34	5. 7	4. 0	2. 9	89. 4	90. 2	82. 5
Jan. 1, 1939	1. 40	3. 96	7 21	5. 6	4. 0	2. 9	87. 5	88. 6	81. 0
Jan. 1, 1940	1. 36	3. 88	7. 05	5. 4	3. 9	2. 8	85. 0	86. 8	79. 2
Jan. 1, 1941	1. 34	3. 83	6. 98	5. 4	3. 8	2. 8	83. 8	85. 7	78. 4
Jan. 1, 1942	1. 34	3. 80	6. 95	5. 4	3. 8	2. 8	83. 8	85. 0	78. 1
Jan. 1, 1943	1. 33	3. 80	6. 94	5. 3	3. 8	2. 8	83. 1	85. 0	78. 0
Jan. 1, 1944	1. 33	3. 78	6. 92	5. 3	3. 8	2. 8	83. 1	84. 6	77. 8
Jan. 1, 1945	1. 32	3. 76	6. 89	5. 3	3. 8	2. 8	82. 5	84. 1	77. 4
Jan. 1, 1946	1. 28	3. 73	6. 86	5. 1	3. 7	2 7	80. 0	83. 4	77. 1
Jan. 1, 1947	1. 23	3. 64	6. 78	4. 9	3 6	2 7	76 9	81. 4	76. 2
Jan. 1, 1948	1. 24	3. 64	6. 79	5. 0	3. 6	2. 7	77 5	81. 4	76. 3
Jan. 1, 1949	1. 25	3. 68	6. 87	5. 0	3. 7	2. 7	78. 1	82. 3	77. 2
Jan. 1, 1950	1. 24	3. 64	6. 81	5. 0	3. 6	2. 7	77. 5	81. 4	76. 5

[1] Average bills for 1935 and prior years are for 150 cities of 50,000 population or more. The index numbers are adjusted to be comparable with subsequent years.
[2] Average bills for 1935 and subsequent years are for all cities of 50,000 population or more.

Source: Federal Power Commission; annual report, Typical Electric Bills, Including Residential, Commercial and Industrial Service, Cities of 50,000 Population and More.

No. 343.—Lowest and Highest Net Monthly Residential Electric Bills for 100 Kilowatt-Hours Use, Based on Rates as of Jan. 1, 1949, for Communities of 2,500 Population and More, by States

Division and State	Served by privately-owned utilities		Served by publicly-owned utilities*		Communities of 50,000 population and more		Communities of 10,000 to 50,000 population		Communities of 2,500 to 10,000 population	
	Utilities	Communities	Utilities	Communities	Lowest bills	Highest bills	Lowest bills	Highest bills	Lowest bills	Highest bills
New England:										
Maine	7	40	3	3	[1] $4.70	[1] $4.70	$4.20	$4.70	*$3.60	$5.40
New Hampshire	6	22	1	1	[1] 4.16	[1] 4.16	3.93	5.03	4.05	5 03
Vermont	4	15	1	1	(2)	(2)	*4 07	4.98	4 00	5 00
Massachusetts	36	122	23	25	3.15	4.78	*2.93	5 77	*3 40	7.04
Rhode Island	3	25	1	1	4.60	4.61	4.58	4.61	4.58	*5.10
Connecticut	8	59	7	8	3.60	3.98	*3.28	*4.44	3.60	4.60
Middle Atlantic:										
New York	23	218	23	25	2.78	5.10	*2.41	5.12	*2.40	5.69
New Jersey	6	185	7	8	3.83	4.62	3.83	*5.67	3.83	*5.90
Pennsylvania	26	372	23	23	3.37	4.74	3.55	5.04	3.55	5.90
East North Central:										
Ohio	11	151	48	49	*2.65	4.38	2 50	4.28	3.00	*6.00
Indiana	7	71	30	30	*2.75	3.95	*3 20	*4.45	*3 05	*4 90
Illinois	16	185	31	31	2 85	3 85	2 85	4.55	2.85	*6 50
Michigan	14	106	29	30	*2.40	3.41	*2 96	4.15	*2.56	5.53
Wisconsin	12	66	27	28	2.40	3.23	*2.15	4.60	*2.50	4.83
West North Central:										
Minnesota	7	38	41	41	3.56	3.96	*2.10	4.14	3.15	*6.25
Iowa	14	63	26	26	3 00	4.44	2.85	*5.25	3.00	*6.08
Missouri	11	62	35	35	2 85	3.25	2 85	*4.50	2.85	*6.00
North Dakota	3	10	2	2	(2)	(2)	3 75	4.25	*3 05	4 49
South Dakota	6	14	6	6	(2)	(2)	*3 60	*5.48	3 75	*5.00
Nebraska			28	36	*2.45	*3.20	*2.64	*4.03	*3.20	*4.98
Kansas	8	35	29	29	*2.80	3.50	*2.60	*5.10	*3.25	*6.25
South Atlantic:										
Delaware	1	4	5	5	[1] 4.50	[1] 4.50	(2)	(2)	4.55	*5.94
Maryland	6	29	3	3	[1] 3.44	[1] 3.44	2.74	4.96	2.74	5 98
Virginia	5	55	11	11	3.10	3.82	3 40	4 25	*2 50	*5 23
West Virginia	7	50	1	1	3.82	3.82	3.82	4.25	3 75	4.41
North Carolina	6	46	31	31	3.20	3.40	3.00	*5.10	3 20	*5.50
South Carolina	8	42	17	17	3 75	3.92	3.20	*4 00	*2 56	*4.32
Georgia	6	47	34	34	3.35	4 40	*3.00	*4 95	*2 50	*4.90
Florida	5	57	20	20	3.75	*4.60	4.00	*6.10	4.00	*6.84
District of Columbia	1	1			[1] 2.74	[1] 2.74				
East South Central:										
Kentucky	4	44	15	15	2.50	2.75	*2.25	*4.50	2.50	*5.47
Tennessee	3	3	52	58	*2.50	*2.50	*2.00	*3.75	*2.00	*4 65
Alabama	3	41	25	24	2.75	3.10	*2.00	*4.55	*2 00	*5 00
Mississippi	2	27	21	21	[1] 3.95	[1] 3.95	*2.00	*4.38	*2.00	*6.45
West South Central:										
Arkansas	6	41	13	13	[1] 3.75	[1] 3 75	3.69	4.12	*3.22	*5.50
Louisiana	7	39	20	20	3.68	4 05	3.68	*5.25	3.68	*6 50
Oklahoma	3	50	26	26	3.57	3.69	3 69	*5.50	3.57	*7.10
Texas	12	175	43	47	2.84	4.05	3.19	*5.20	*2.15	5.75
Mountain:										
Montana	3	22	2	2	(2)	(2)	3.83	3.83	3.14	*5.00
Idaho	7	22	4	4	(2)	(2)	3.11	*3.40	*2.79	4.36
Wyoming	8	12	1	1	(2)	(2)	3 35	4.48	3.58	5.55
Colorado	7	22	9	9	3.30	4.07	*3 35	4.37	*3.38	9.00
New Mexico	5	16	6	6	(2))	(2)	3 56	5.98	3.56	*6.33
Arizona	7	20	2	2	[1] 3.14	[1] 3.14	[1] 3 17	[1] 3.17	2.97	*5.40
Utah	3	12	14	14	[1] 3 10	[1] 3.10	*2 79	*3.10	*3.06	3.90
Nevada	5	7	1	1	(2)	(2)	[1] 3.51	[1] 3.51	2.16	5.70
Pacific:										
Washington	3	23	16	19	*1.70	2.76	*2.60	*3.09	*2.45	*3.50
Oregon	6	32	3	3	[1] 2 85	[1] 2 85	*1.80	3.35	*2.50	*3.65
California	10	216	22	25	*2.50	3.39	2.45	*4.69	2.82	5.08

*Publicly owned utility.
[1] Only 1 community in this population group.
[2] No community in this population group.

Source: Federal Power Commission; annual report on typical residential electric bills, Jan. 1, 1949.

No. 344.—Gas Prices—Net Monthly Bills for Specified Quantities, by Cities

[Based on rates as of Dec. 15, 1948 and 1949. One therm = 100,000 British thermal units]

City and kind of gas	Heating value per cubic foot in British thermal units (Dec. 15, 1949)	Net monthly bills							
		10.6 therms		19.6 therms		30.6 therms		40.6 therms	
		1948	1949[1]	1948	1949[1]	1948	1949[1]	1948	1949[1]
Atlanta—natural	1,021	$1.47	$1.48	$2.02	$2.04	$2.61	$2.63	$3.15	$3.17
Baltimore[2]—manufactured	500	2.88	2.94	4.67	4.69	6.51	6.44	8.18	8.04
Birmingham—do	520	1.62	1.62	2.66	2.66	3.75	3.75	4.52	4.52
Boston—do	530	3.58	3.69	5.65	5.76	7.99	8.09	10.10	10.20
	536	3.52	3.25	6.18	5.67	8.46	7.67	10.76	9.70
Buffalo[3]—mixed	900	.78	1.19	1.44	1.94	2.23	2.85	2.96	3.68
Chicago—do	800	1.65	1.65	2.68	2.68	3.47	3.47	4.17	4.17
Cincinnati—natural	1,050	1.01	1.01	1.61	1.61	2.29	2.29	2.92	2.92
Cleveland—do	1,075	[4].88	[4].88	1.33	1.33	1.90	1.90	2.41	2.41
Denver[5]—do	840	1.56	1.56	2.23	2.23	2.90	2.90	3.40	3.40
Detroit[6]—do	991	1.29	1.31	2.21	2.24	3.13	3.21	3.96	4.13
Houston—do	1,077	.92	.93	1.42	1.45	2.03	2.08	2.58	2.65
	1,081	.93	.93	1.43	1.43	2.04	2.04	2.60	2.60
	1,097	.87	.86	1.34	1.31	1.90	1.86	2.41	2.36
Indianapolis—manufactured	570	1.58	1.58	2.92	2.92	4.57	4.57	6.05	6.05
Jacksonville—do	525	4.09	4.09	7.00	7.00	10 49	10.49	13.53	13.53
Kansas City[2]—natural	1,019	.68	.68	1.08	1.08	1.58	1.58	2.02	2.03
Los Angeles—do	1,100	1.18	1.18	1.66	1.66	2.20	2.20	2.67	2.67
Manchester—manufactured	524	3.60	3.54	5.57	5.46	7.61	7.43	9.42	9.18
Memphis—natural	980	1.39	1.39	2.26	2.26	3.28	3.28	3.83	3.83
Milwaukee—manufactured	[6]	2.27	2.54	3.62	3.98	5.27	5.74	6.77	7.34
Minneapolis—natural	1,000	1.48	1 50	2.05	2.10	2.74	2.82	3.37	3.48
Mobile—do	1,075	1.59	1.59	2.30	2.29	3.17	3.17	3.68	3.68
New Orleans—do	1,071	1.07	1.07	1.58	1.58	2.20	2.20	2.75	2.75
New York:[2]									
3 boroughs—manufactured	540	2.30	2.88	4.26	4.72	6.65	6.80	8.82	8.54
Brooklyn—do	587	2.80	2.86	4.69	4.80	6.68	6 84	8.32	8.53
	537	3.05	3.24	5.08	5.44	7.07	7.64	8.80	9.56
	541	3.24	3.23	5.49	5.46	7.89	7.86	9.78	9.73
Richmond—do	[7] 1,028	3.19	[7] 3.31	5.27	[7] 5.52	7.35	[7] 7.69	9.24	[7] 9.27
Norfolk[8]—do	530	2.86	2.86	5.25	5.25	8.03	8.03	10.38	10.38
Philadelphia—do	530	2.21	2.21	3.85	3.85	5.67	5.67	7.34	7.34
Pittsburgh—natural	1,115	[4] 1.00	[4] 1.00	1.06	1.06	1.64	1.64	2 18	2.18
	1,033	1.22	1.23	1.78	1.80	2.46	2 48	3.09	3.11
	1,100	1.18	1.18	1.72	1.72	2.37	2.37	2.96	2.96
Portland, Maine—manufactured	581	3.98	3.69	6.52	6.02	8.18	7.62	10.16	9.42
Portland, Oreg—do	571	3.01	2.61	5.12	4.38	6.88	5.72	8.61	7.08
Richmond—do	530	2.73	[9] 3.56	4.98	[9] 5.70	6.29	[9] 7.85	8.08	[9] 9.47
St. Louis[2]—mixed	[10] 800	1.74	[10] 1.74	2.93	[10] 2.93	4.38	[10]4.38	5.44	[10] 5.44
St. Paul—natural	987	1.77	1.77	2.56	2.57	3.47	3.48	4.20	4.20
San Francisco—do	1,100	.90	.95	1.21	1.27	1.59	1.66	1.93	2.01
Savannah—manufactured	500	3.32	3.32	5.75	5.75	8.33	8.33	10.33	10.33
Scranton—do	521	2.87	2.87	4.56	4.56	5.76	5 76	7 58	7.58
Seattle[5]—do	500	4.62	4.72	7.86	7.92	7.95	7.28	10.01	9.16
Washington, D. C—natural	1,100	1.52	[11] 1.75	2.66	[11] 2.90	3.98	[11] 4.22	5.11	[11] 5.31

[1] Preliminary.
[2] Bills include 2% State sales tax.
[3] Bills include 1% county sales tax.
[4] Minimum bill.
[5] Bills include 3% State state tax.
[6] 67% natural at 951 B. t. u.; 33% manufactured at 614 B. t. u.
[7] Manufactured gas change to natural gas Nov. 1, 1949.
[8] Bills include 8% city utility tax effective Feb. 1, 1948.
[9] Bills include 5% city utility tax effective Feb. 1947.
[10] Mixed gas changed to natural gas effective Dec. 6, 1949.
[11] Bills include 2% sales tax effective Aug. 16, 1949.

Source: Department of Labor, Bureau of Labor Statistics; published annually in Monthly Labor Review.

No. 345.—Annual Average Unit Values of Important Articles Imported: 1922 to 1948

[Values required by law to represent values *in foreign markets* whence exported to United States. "Ton" signifies long ton of 2,240 pounds. Averages obtained by dividing total value of imports of specified article by total quantity. Where, as in some commodities considerable price variations may exist between different grades, methods of packing, etc., and proportions of grades, etc., may vary from year to year, such averages may show actual price movements only roughly]

Year	Cheese, per pound	Fish, cured, per barrel (200 pounds)		Hides and skins, per pound		Wheat, per bushel	Bananas, per bunch	Cocoa, per pound	Coffee, per pound	Tea, per pound
		Herring	Mackerel	Cattle	Goat					
	Cents	*Dollars*	*Dollars*	*Cents*	*Cents*	*Dollars*	*Cents*	*Cents*	*Cents*	*Cents*
1922	31.4	10.18	17.34	14.5	40.5	1.15	42.46	9.3	12.9	24.5
1923	32.4	9.95	15.91	16.0	43.9	.99	44.91	8.2	13.5	28.2
1924	29.2	12.09	17.37	13.1	39.3	1.00	46.59	7.8	17.5	29.3
1925	27.8	13.30	15.60	16.0	40.7	1.39	53.52	10.0	22.3	31.2
1926	26.9	12.09	12.05	14.7	44.6	1.39	56.33	10.0	21.6	32.7
1927	30.7	12.69	13.10	17.4	43.6	1.31	56.17	13.4	18.4	31.6
1928	30.3	13.15	13.96	23.1	46.0	1.17	55.02	12.4	21.3	30.3
1929	29.2	12.54	15.45	16.0	47.4	1.11	55 34	9.8	20.4	28 9
1930	26.7	14.13	12.40	13.0	40.7	.98	55.46	8.4	13.1	26.6
1931	23.8	12.39	9.30	8 4	31.6	.64	52.69	5.6	10 0	21.6
1932	22.5	9.32	6.66	5.6	20.0	.53	49.94	4.1	9.1	13.1
1933	21.9	8.94	8.11	7.8	21.0	.56	51.00	4.0	7.8	14.2
1934	22.4	10.02	9.82	7.9	26 4	.78	50.55	4.4	8.7	21.3
1935	22.9	10.66	10.56	8.6	24.3	.78	50.95	4.4	7.8	19.9
1936	21.2	9.64	10.52	9.9	28.7	.91	49.18	5.2	7.7	21.7
1937	21.1	8.38	12.67	12.6	33.0	1.12	47.22	8.5	8.9	22.5
1938	21.2	8.74	10.35	8.7	22.6	.67	48.61	4.4	6.9	22.5
1939	21.7	9 30	9.45	9.0	23.3	.56	50.91	4.2	6.9	21.6
1940	23.0	9.63	10.17	8.8	23.1	.68	55.57	4.4	6.2	22.9
1941	19.5	9.63	15.70	10.4	23.0	.72	57.54	5.6	7.9	27.2
1942	18.9	12 87	18.95	12.7	29.7	.72	59.49	7.7	12.0	37.0
1943	17.4	14.43	27.21	13.3	30.2	1.12	62.26	6.8	12.4	32.4
1944	21.6	18.59	28.45	13.9	33.3	1.34	66.45	6.8	12.5	33.5
1945	25 1	18.80	27.43	13.1	40.2	1.34	69.32	7.4	12 7	34 9
1946 (prel.)	39.4	18.76	30.06	20.7	54.7	1.44	78.77	9 5	17.2	36.3
1947 (prel.)	53.9	20.35	31.60	25.4	67 7	1.45	82.50	25.5	24.1	40 7
1948 (prel.)	54.0	21.75	32.18	24.7	72.7	1.12	84.20	35.4	25.1	49.3

Year	Cane sugar, per pound	Whiskey, per proof gallon	Wines, per gallon [1]	Rubber, crude, pound	Shellac, per pound	Copra, per pound	Flaxseed, per bushel	Tobacco, leaf, per pound		Cotton, unmanufactured, per pound
								Cigar wrappers	Other leaf	
	Cents	*Dollars*	*Dollars*	*Cents*	*Cents*	*Cents*	*Dollars*	*Dollars*	*Cents*	*Cents*
1922	2.59	4.73	-------	15.1	59.3	3.7	2.09	2.04	74.39	25.6
1923	4.93	3.93	2.10	26.7	59.7	4.0	2.01	2.35	80.18	26.4
1924	4.39	3.75	1.65	23.7	53.5	4.4	1.81	2.56	97.87	30.3
1925	2.76	3.47	1.93	48.4	51.0	5.0	2.40	2.34	80.27	33.7
1926	2.47	[2]	2.76	54.6	33.6	5.1	1.84	2.25	75.88	25.5
1927	3.06	[2]	2.32	35.6	41.4	4.6	1.74	2.15	64.90	22.2
1928	2.68	[2]	2.44	25.0	42.4	4.5	1.78	2.06	62.02	24.9
1929	2.14	[2]	2.40	19.1	38.4	4.2	1.92	1.84	65.37	23.9
1930	1.85	[2]	2.62	12.9	27.3	3.7	2.11	1.60	52.99	19.7
1931	1.77	[2]	2.56	6.6	16.3	2.4	.98	1.47	45.92	9.9
1932	1.63	[2]	2.23	3.5	13.3	1.8	.65	1.33	39.22	9.9
1933	1.87	[2]	3.75	4.9	9.9	1.4	.98	1.82	34.11	10.6
1934	1.96	4.95	3.42	9.8	17.7	1.2	1.06	2.00	39.32	13.4
1935	2.26	4.53	3.17	11.4	13.6	2.1	.89	2.18	36.65	14.0
1936	2.66	4.18	3.15	14.5	11.7	2.1	1.15	2.19	38.65	13.2
1937	2.60	3.76	2.73	18.5	10.8	3.3	1.26	1.97	46.08	12.4
1938	2.19	4 15	2.48	14.1	8.9	1.8	1.29	2.03	52.70	9.0
1939	2.15	4.22	2.30	16.0	8.0	1.6	1.15	1.67	51.54	8.0
1940	1.94	3.98	2.24	17.4	11.9	1.3	1.19	1.56	49.88	8.1
1941	2.05	4.03	2.46	18.2	13.6	1.7	.74	1.51	50.69	7.3
1942	2.70	4.43	2.49	18.9	25.1	3.3	1.30	1.72	49.26	12.2
1943	2.76	4.34	2.25	27.1	28.9	3.6	2.18	1.76	56.15	15.6
1944	2.75	4 26	2.35	31.2	29.0	3.4	2.91	2.03	82.24	15.8
1945	3.07	4.00	3.02	31.4	29.6	3.0	2.54	2.38	98.69	11.2
1946 (prel.)	3.70	4 16	3.95	27.3	42.1	3.8	2.33	3.21	104.73	18.9
1947 (prel.)	4.92	4 68	4.05	20.1	48.7	7.9	6.75	3.12	100.84	25 8
1948 (prel.)	4.88	5.09	4.09	18.8	49.3	12.3	5.85	3.83	90.35	27.2

[1] Statistics not available prior to 1923.

[2] No importations.

No. 345.—ANNUAL AVERAGE UNIT VALUES OF IMPORTANT ARTICLES IMPORTED: 1922 TO 1948—Continued

YEAR	Jute and jute butts, per ton	Jute burlaps, per pound	Flax, per ton	Sisal, per ton	Manila, per ton	WOOL, PER POUND			Silk, raw, per pound
						Carpet	Clothing	Combing	
	Dollars	*Cents*	*Dollars*	*Dollars*	*Dollars*	*Cents*	*Cents*	*Cents*	*Dollars*
1922	107 38	9.4	575.03	103.33	124.89	17	25	29	7.21
1923	128.33	11.2	511.09	109 19	130.32	21	37	38	7.92
1924	114.02	10.3	515.19	142.98	175.54	24	46	47	6.39
1925	190.69	13.6	680.59	170.79	290.51	30	46	53	6.21
1926	215.06	13.7	478.07	182.86	263.92	26	35	39	5.91
1927	131.52	11.8	479.08	153.32	255.49	26	34	37	5.27
1928	129.45	12.9	698.47	145.10	202.65	25	44	44	4.87
1929	128.35	12.0	579.24	156.58	186.95	27	38	38	4.91
1930	107.76	9.1	429.26	138.50	138.08	20	26	25	3.57
1931	69.71	6.7	222.45	83.44	95.60	12	24	20	2.28
1932	64.19	5.0	216 50	50.10	62 91	9	14	15	1.54
1933	56.27	6.1	276.17	56.89	56.99	10	19	18	1.52
1934	62.95	7.4	374.08	70.91	66.31	13	24	23	1.27
1935	72.82	7.0	490.07	71.03	80.52	14	23	21	1.42
1936	82.09	6.4	442.68	104.45	144.99	18	26	27	1.70
1937	83.69	6.3	442.63	115.06	177.95	27	33	33	1.84
1938	84.35	5.6	613.35	88.43	115.58	19	32	30	1.61
1939	100.90	6.3	454.34	72.90	90.83	18	25	24	2.34
1940	126.65	9.0	504.55	84.25	94.99	23	22	24	2.79
1941	104.78	9.7	495.57	77.62	133.10	21	25	27	2.67
1942	157.21	12.2	558.96	117.09	167.22	21	31	29	2.83
1943	146.01	12.0	825.38	142.82	213.00	24	31	31	1.75
1944	160.53	13.4	639.65	148.79	224.83	19	31	31	----
1945	167.82	14.2	315.20	151.17	225.18	21	32	32	10 41
1946 (prel.)	160.16	13.8	523.03	173 85	198.34	21	29	30	7.58
1947 (prel.)	261.83	20.1	596.03	269 33	377.35	23	30	38	6.39
1948 (prel.)	348.99	25.9	786.31	303.00	547.12	27	39	54	2.72

YEAR	Boards, planks, deals, per M feet [3]	Pulpwood, per cord	Wood pulp, per ton	Newsprint paper, per pound	Petroleum, crude, per gallon	Manganese ore, per pound	Copper, pigs, ingots, bars, per pound [4]	Nickel, pigs, ingots, bars, per pound	Tin, bars, blocks, pigs, per pound	Sodium nitrate, per ton
	Dollars	*Dollars*	*Dollars*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Dollars*
1922	29. 54	10. 53	56 31	3. 5	1. 3	.39	12. 5	30. 31	30. 26	48. 21
1923	31. 75	9. 95	60. 52	3. 7	1. 6	.90	14. 3	21. 70	39 56	47. 05
1924	30. 10	10. 24	55. 71	3. 7	2. 3	1. 00	12. 6	20. 05	47. 32	47. 81
1925	30. 33	10. 20	55. 09	3. 6	2. 9	1. 17	12. 9	20. 49	55. 40	47. 23
1926	28. 79	10. 25	59. 01	3. 3	3. 1	1. 41	12. 6	26. 75	60. 63	46. 79
1927	27. 82	10. 32	57. 37	3. 3	3. 2	1. 36	11. 8	26. 42	63. 30	40. 24
1928	26 98	10. 45	53. 27	3. 2	2. 7	1. 13	12. 4	25. 20	49. 80	35 81
1929	27. 52	10. 81	52. 75	3. 0	2. 4	1. 15	16. 1	25. 53	47. 06	37. 52
1930	23. 84	10. 76	49. 63	2. 9	2. 5	1. 08	13. 2	25. 05	33. 31	37. 71
1931	20. 86	10. 97	42. 72	2. 7	2. 0	.99	8. 5	25. 33	24. 82	38. 34
1932	19. 29	8. 61	35. 45	2. 4	1. 6	.96	5. 7	25. 06	21. 12	29. 19
1933	22. 03	7. 41	33. 09	1. 9	1. 3	.95	6. 2	24. 83	36. 36	19. 07
1934	25. 39	7. 54	38. 34	1. 7	1. 7	.95	7. 0	25. 36	50. 02	19. 32
1935	24. 54	7. 48	[5] 36. 59	1. 7	1. 7	.99	6. 9	25. 28	48. 50	20. 32
1936	24. 01	7. 84	[5] 36. 37	1. 8	1. 7	.95	8. 3	25. 16	44. 30	19. 39
1937	27. 45	8. 14	[5] 41. 04	1. 8	1. 8	1. 03	11. 7	24. 83	52. 84	18. 53
1938	24. 65	8. 53	[5] 42. 55	2. 2	1. 7	1. 30	9. 2	25. 07	40. 30	18. 59
1939	26. 86	8. 34	[5] 37. 45	2. 2	1. 6	1. 19	9. 6	25. 09	44. 95	18. 55
1940	31. 45	8. 49	[5] 49. 15	2. 3	1. 8	1. 31	10. 0	25. 00	45. 89	18. 74
1941	33. 37	8. 85	[5] 57. 03	2. 2	2. 0	1. 52	9. 9	25. 04	47. 40	[6] 17. 80
1942	36. 11	9. 98	[5] 58. 72	2. 2	2. 3	1. 50	9. 9	25. 18	48. 91	[6] 19. 11
1943	45. 30	11. 33	[5] 59. 05	2. 5	2. 5	1. 60	10. 4	25. 18	49. 00	[6] 19. 95
1944	50. 28	12. 29	[5] 67. 47	2. 7	2. 6	1. 95	10. 7	25. 87	50. 37	[6] 21. 52
1945	52. 15	13. 47	[5] 66. 00	2. 8	2. 5	2. 00	10. 8	27. 30	48. 43	[6] 21. 84
1946 (prel.)	61. 41	14. 59	[5] 75. 21	3 5	2. 7	2. 00	11. 7	27. 16	53. 23	[6] 21. 61
1947 (prel.)	74. 20	16. 67	[5] 110. 42	4 4	3. 9	1. 70	18. 8	30. 13	76. 53	[6] 27. 23
1948 (prel.)	78. 92	17. 64	125. 18	4. 7	5. 2	1. 66	20. 2	33. 13	93. 75	[6] 32. 47

[3] Excludes cabinet woods; includes clapboard beginning 1939.
[4] Unrefined copper.
[5] Tons of 2,000 pounds, air-dry weight.
[6] Short tons.

Source: Dept. of Commerce, Bureau of Census; basic data through 1945 published in annual report, Foreign Commerce and Navigation of the United States.

No. 346.—Annual Average Unit Values of Important Domestic Articles Exported: 1926 to 1948

[Values of goods required by law to represent market value at port of exportation. See headnote, table 345]

Year	Lard, per lb.	Milk, condensed and evaporated, per lb.	Cheese, per lb.	Eggs, per doz.	Corn, per bu.	Rice, per lb.	Wheat, per bu.	Wheat flour, per bbl.	Sugar, per lb.[1]	Tobacco leaf, per lb.	Cotton, per lb.[2]	Boards, planks, and scantlings, per M board feet: Softwoods	Boards, planks, and scantlings, per M board feet: Hardwoods
	Cts.	*Cts.*	*Cts.*	*Cts.*	*Dols.*	*Cts.*	*Dols.*	*Dols.*	*Cts.*	*Cts.*	*Cts.*	*Dols.*	*Dols.*
1926	15.5	12.1	28.6	28.8	.86	4.2	1.46	7 02	3.5	28.5	17.5	33 18	70.90
1927	13.5	12.3	30.1	27.0	.85	3.8	1.42	6.65	4.1	27.5	17.3	33.01	67.90
1928	13.0	12.2	30.7	30.4	1.02	3.5	1.25	6.23	3.5	26.8	20.4	31.20	63.68
1929	12.7	12.1	27.8	33.8	1.01	3.7	1.24	5.91	3.0	26 2	19.7	32.27	66.45
1930	11.4	11.5	25.7	27.2	.94	3 8	1.00	5.31	2.4	25.8	14.4	29.45	62 50
1931	9.0	10.5	22.4	22.7	.69	2.7	.62	3.57	2.1	21.8	9 0	22.91	50.96
1932	5.8	8.5	18.3	21.7	.36	1.9	.60	3 19	1.6	16 8	7.3	20.35	41 09
1933	5.9	6.8	18.5	20.6	.49	2.4	.54	3.49	1.6	19.5	9.0	22 16	43.98
1934	6.1	7.4	19.5	24.1	.76	3 2	.60	4.04	1.5	29 7	11.8	27 93	54.54
1935	12 3	7.4	22 0	29.7	1.50	3.0	.91	4.53	2.3	35.1	12.4	28.41	50.46
1936	12.1	7.8	23.5	28.0	1.05	3.1	.99	4.78	2.2	33.6	12.5	32 30	50.08
1937	11.8	8.5	24.2	27 4	.67	3.1	1.11	5.67	2.2	32.1	11.9	35 50	54.38
1938	8.9	7.8	20.9	29.7	.64	2.6	.90	4.44	2.1	32.8	9.8	33.78	51.45
1939	7.3	7.0	21.2	25.8	.62	3.0	.58	3.17	2.8	23.5	9.9	33.50	51.87
1940	6 3	7.4	22 2	23.3	.67	2 9	.78	3.70	3.1	20.1	10.9	35.01	57.73
1941	9 8	8 0	20 7	27.2	.87	3.9	.85	4.13	3.1	24.8	13 5	41.21	69.30
1942	13.3	9.5	25.1	38.4	.92	6.1	1.03	4.75	4.6	28.5	18.4	53 88	94.41
1943	16.4	9.9	26.9	48.1	1.20	6.4	1.37	5.87	4.4	43 3	22.4	80.79	109.82
1944	16.8	12.1	30.3	39.9	1.42	6.9	1.63	6.92	5.7	52.5	22.4	66.93	105.16
1945	16 1	13.1	31 9	46.4	1.42	6.8	1.87	7.15	6.1	50 7	21.9	61.53	96.30
1946	19 1	12 4	32.7	44 6	1 80	7.8	2.09	8 63	5 4	54.6	26 0	64.55	116 55
1947	25 8	14 6	38.1	50 2	1.89	9 5	2 56	11.93	7.4	54.7	30.8	81.91	131.19
1948 (prel.)	25.9	16.4	45.5	52.4	1.82	9.7	2.78	12 64	7.7	51.5	35.6	88.66	150.12

Year	Coal, per ton: Anthracite	Coal, per ton: Bituminous	Petroleum, crude, per gal.	Motor fuel, gasoline, and naphtha, per gal.[3]	Kerosene, per gal.	Lubricating oils, per gal.	Iron and steel scrap, per ton	Tin plate, terneplate, and taggers' tin, per lb.	Copper, refined, per lb.	Motortrucks, busses, and chassis, per unit	Passenger cars, per unit
	Dols.	*Dols.*	*Cts.*	*Cts.*	*Cts.*	*Cts.*	*Dols.*	*Cts.*	*Cts.*	*Dols.*	*Dols.*
1926	11.42	4.95	4.4	14.8	10.9	22.3	17.11	5.1	14.2	705	740
1927	11.09	4.44	3.9	11.5	9.8	22.2	15.74	5.1	13.6	665	746
1928	10.96	4.12	3.4	10.7	10.2	20.3	12.82	4.7	14.8	658	716
1929	10.71	4.22	3.4	10.6	10.1	23.2	13.91	4.9	18.0	566	690
1930	10.76	4.17	3.2	9.4	9.0	21.9	15.51	5.0	13.4	661	692
1931	10.75	4.01	1.9	5.9	6.6	18.9	14.38	4.1	9.4	521	611
1932	10.37	3.77	2.4	5.6	5.2	17.1	8 17	3.7	6.1	469	573
1933	9.79	3.54	2.1	5.3	5.2	16.3	8.89	3.6	6.8	462	499
1934	9.57	4.16	2.9	5.6	5.2	18.5	10.46	4.1	7.6	477	540
1935	9.18	4.05	2.8	5.7	5.6	17 7	10.15	4.3	7.7	511	548
1936	9.19	4.06	3.1	6.1	5.3	18.1	11.60	4.4	9.2	518	572
1937	8.66	4.16	3.4	6.7	5.7	19.0	18.91	4.9	13.0	605	587
1938	8.59	4.07	3.4	6.0	5.3	17.6	15.10	5.3	10.0	624	624
1939	8.61	4.13	3.1	6.2	4.7	18.3	15.40	4.7	11.0	606	614
1940	8.91	4.14	3.1	7.7	6.1	21.8	16.87	5.2	11.5	850	645
1941	9.18	4.64	3.4	[4] 8.5	5.5	21.4	18.74	5.4	11.3	1,007	743
1942	9.66	5.18	3.5	[4] 9.9	5.5	26.8	23.39	5.3	11.3	1,649	946
1943	10.24	5.43	3.7	[4] 11.8	6.5	28.4	18.66	5.2	10.5	1,061	1,159
1944	10.86	5.69	4.0	[4] 15.2	6.3	28 0	18.12	5.3	10.0	2,284	1,689
1945	11.06	5.93	3.9	[4] 13.5	4.6	30.3	17.38	5.3	10.7	2,448	1,200
1946	11.01	6.47	4.1	[4] 6.6	5.9	25.1	19.17	5.5	13.5	1,351	1,047
1947	10.60	7.70	5.1	[4] 8.7	7.6	33.0	29.18	7.0	20.4	1,617	1,256
1948 (prel.)	12.91	8.55	7.0	[4] 11.7	9.5	36.8	36.24	7.9	22.2	1,696	1,352

[1] Refined sugar only beginning 1945.
[2] Excludes linters.
[3] Including natural gasoline.
[4] Includes mineral spirits not reported separately since 1940.

Source: Department of Commerce, Bureau of Census; basic data through 1945 published in annual report, Foreign Commerce and Navigation of the United States.

13. Elections

The conduct of elections in the United States for Federal, State, and local offices and on State and local issues, is regulated by State laws or, in some cities and a few counties, by local charters. An important exception is that the United States Constitution prescribes the basis of representation in Congress and the manner of electing the President of the United States and grants to Congress the right to regulate the times, places, and manner of electing Federal officers. Almost all of the more than 155 thousand governmental units in the United States conduct elections at various intervals—annual, biennial, quadrennial, or longer—for different types of offices and other purposes. No regular and complete system exists for reporting either the number of elections held or the numbers of votes cast for the multitude of candidates, except for Federal offices, and in most States, for State offices. Few States require central reporting on local elections. The numbers of governments holding elections and the numbers of voters participating vary between Presidential and the intervening Congressional election years, and between even-numbered and odd-numbered years.

The tables in this section give summary data, by State, on elections to Federal offices. The number of registered voters in 1942 in each city of 25,000 inhabitants or more is given in the Cities Supplement to the Statistical Abstract.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series P 27–31) provide cross-references, where applicable, to *Historical Statistics of the United States 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 347.—Vote for Presidential Electors, by Major Political Parties: 1888 to 1948

[See also *Historical Statistics*, series P 27–31]

Year	Total [1]	Republican	Democratic	Socialist and Socialist-Labor	Miscellaneous independent [2]	Prohibition	Communist
1888	11,381,408	5,444,337	5,540,050	----------	146,807	250,124	----------
1892	12,043,603	5,190,802	5,554,414	----------	1,027,329	271,058	----------
1896	13,813,243	7,035,638	[3] 6,467,946	[4] 36,454	131,529	141,676	----------
1900	13,964,518	7,219,530	6,358,071	127,519	50,232	209,166	----------
1904	13,523,519	7,628,834	5,084,491	436,184	114,753	259,257	----------
1908	14,887,133	7,679,006	6,409,106	434,645	111,693	252,683	----------
1912	15,031,169	3,483,922	6,286,214	926,090	4,126,020	208,923	----------
1916	18,528,743	8,538,221	9,129,606	598,516	41,894	220,506	----------
1920	26,705,346	16,152,200	9,147,353	950,974	265,411	189,408	----------
1924	29,058,647	15,725,003	8,385,586	[4] 27,650	4,826,471	57,551	[5] 36,386
1928	36,811,717	21,391,381	15,016,443	289,023	45,994	20,106	[5] 48,770
1932	39,751,438	15,761,841	22,821,857	918,057	64,823	81,869	102,991
1936	45,647,117	16,679,583	27,476,673	196,832	1,176,788	37,082	80,159
1940	49,820,312	[6] 22,304,400	[7] 26,826,742	110,428	[6 7] 472,431	57,732	48,579
1944	47,976,263	22,006,285	[8] 24,776,864	106,442	[8] 1,011,918	74,754	----------
1948	48,833,680	21,969,170	[9] 24,105,695	168,070	[9] 2,487,529	103,216	----------

[1] Totals for years prior to 1928 exclude votes cast for names not appearing on electoral tickets for parties specified. Totals for 1928–44 exclude void and blank ballots.

[2] For 1888, Union Labor Party; 1892, 1900, and 1904, Populist; 1896, National Democrat; 1908, Populist and Independent; 1912 and 1916, Progressive; 1920, Farmer-Labor; 1928 to 1948, miscellaneous. For 1924, votes for La Follette-Wheeler electors, variously designated as Independent Progressive, Progressive, Socialist, Socialist and Independent, Farmer-Labor, etc. [3] Democrat-Populist.

[4] Socialist-Labor only. In 1924 practically all Socialist votes cast for La Follette and Wheeler, official candidates of both Socialist and Independent Progressive parties. (See note 2.) [5] Workers.

[6] Included with miscellaneous are 798 Union votes cast in endorsement of Republican candidate.

[7] Included with miscellaneous are 417,418 American Labor votes cast in endorsement of Democratic candidate.

[8] Included with miscellaneous are 496,405 American Labor and 329,235 Liberal votes cast in endorsement of Democratic candidate.

[9] Included with miscellaneous are 1,169,021 votes for Thurmond (States' Rights Democrats) and 1,156,103 votes cast for Wallace (Progressives, etc.); included with Democratic are 222,562 Liberal votes cast for Democratic nominees.

Sources: 1888–1920, reports of State officials on file in Department of State. 1924 and 1948, U. S. Congress, Clerk of the House; Statistics of Presidential and Congressional Election. 1928–44, Dept. of Commerce, Bureau of Census; Elections, 1944: No. 5, Vote Cast in Presidential and Congressional Elections, 1928–44.

No. 348.—Vote for Presidential Electors, by Major Political Parties, by States: 1944 and 1948

State	1944				1948			
	Total	Democratic	Republican	Other parties	Total	Democratic	Republican	Other parties
Total	**47,976,263**	[1] **24,776,864**	**22,006,285**	[1]**1,193,114**	**48,833,680**	**24,105,695**	**21,969,170**	**2,758,815**
Alabama	244,743	198,918	44,540	1,285	214,980	----------	40,930	174,050
Arizona	137,634	80,926	56,287	421	177,065	95,251	77,597	4,217
Arkansas	212,956	148,965	63,551	440	242,475	149,659	50,959	41,857
California	3,520,875	1,988,564	1,512,965	19,346	4,021,538	1,913,134	1,895,269	213,135
Colorado	505,039	234,331	268,731	1,977	515,237	267,288	239,714	8,235
Connecticut	831,990	435,146	390,527	6,317	883,518	423,297	437,754	22,467
Delaware	125,361	68,166	56,747	448	139,073	67,813	69,588	1,672
Florida	482,592	339,377	143,215	----------	577,643	281,988	194,280	101,375
Georgia	328,109	268,187	56,507	3,415	418,760	254,646	76,691	87,423
Idaho	208,321	107,399	100,137	785	214,816	107,370	101,514	5,932
Illinois	4,036,061	2,079,479	1,939,314	17,268	3,984,046	1,994,715	1,961,103	28,228
Indiana	1,672,091	781,403	875,891	14,797	1,656,214	807,833	821,079	27,302
Iowa	1,052,599	499,876	547,267	5,456	1,038,264	522,380	494,018	21,866
Kansas	733,776	287,458	442,096	4,222	788,819	351,902	423,039	13,878
Kentucky	867,921	472,589	392,448	2,884	822,658	466,756	341,210	14,692
Louisiana	349,383	281,564	67,750	69	416,326	136,344	72,657	207,325
Maine	296,400	140,631	155,434	335	264,787	111,916	150,234	2,637
Maryland	608,439	315,490	292,949	----------	596,735	286,521	294,814	15,400
Massachusetts	1,960,665	1,035,296	921,350	[1]4,019	2,155,347	1,151,788	909,370	[2]94,189
Michigan	2,205,223	1,106,899	1,084,423	13,901	2,109,609	1,003,448	1,038,595	67,566
Minnesota	1,125,529	589,864	527,416	8,249	1,212,226	692,966	483,617	35,643
Mississippi	180,080	158,515	3,742	17,823	192,190	19,384	5,043	167,763
Missouri	1,571,677	807,356	761,175	3,146	1,578,628	917,315	655,039	6,274
Montana	207,355	112,556	93,163	1,636	224,278	119,071	96,770	8,437
Nebraska	563,126	233,246	329,880	----------	488,939	224,165	264,774	----------
Nevada	54,234	29,623	24,611	----------	62,117	31,291	29,357	1,469
New Hampshire	229,625	119,663	109,916	46	231,440	107,995	121,299	2,146
New Jersey	1,963,761	987,874	961,335	14,552	1,949,555	895,455	981,124	72,976
New Mexico	152,225	81,389	70,688	148	185,767	105,464	80,303	----------
New York	6,316,790	[3] 2,478,598	2,987,647	[3]850,545	6,274,527	[4] 2,780,204	2,841,163	[5]653,160
North Carolina	790,554	527,399	263,155	----------	791,209	459,070	258,572	73,567
North Dakota	220,171	100,144	118,535	1,492	220,716	95,812	115,139	9,765
Ohio	3,153,056	1,570,763	1,582,293	----------	2,936,071	1,452,791	1,445,684	37,596
Oklahoma	722,636	401,549	319,424	1,663	721,599	452,782	268,817	----------
Oregon	480,147	248,635	225,365	6,147	524,080	243,147	260,904	20,029
Pennsylvania	3,794,793	1,940,479	1,835,054	19,260	3,735,149	1,752,426	1,902,197	80,526
Rhode Island	299,276	175,356	123,487	433	326,098	188,619	134,892	2,587
South Carolina	103,375	90,601	4,547	8,227	142,571	34,423	5,386	102,762
South Dakota	232,076	96,711	135,365	----------	250,105	117,653	129,651	2,801
Tennessee	510,692	308,707	200,311	1,674	550,283	270,402	202,914	76,967
Texas	1,150,326	821,605	191,425	137,296	1,147,245	750,700	282,240	114,305
Utah	248,319	150,088	97,891	340	276,305	149,151	124,402	2,752
Vermont	125,361	53,820	71,527	14	123,382	45,557	75,926	1,899
Virginia	388,485	242,276	145,243	966	419,256	200,786	172,070	46,400
Washington	856,328	486,774	361,689	7,865	905,059	476,165	386,315	42,579
West Virginia	715,596	392,777	322,819	----------	748,750	429,188	316,251	3,311
Wisconsin	1,339,152	650,413	674,532	14,207	1,276,800	647,310	590,959	38,531
Wyoming	101,340	49,419	51,921	----------	101,425	52,354	47,947	1,124

[1] Excludes 49,328 blanks.
[2] Includes 48,201 blanks and 633 scattering.
[3] Excluded from Democratic and included in "Other" are 496,405 American Labor and 329,235 Liberal votes cast in endorsement of Democratic candidate in New York State.
[4] Includes 222,562 Liberal Party votes.
[5] Includes 97,119 blanks, 128 scattering, and 71 void.

Sources: Department of Commerce, Bureau of the Census; Elections: 1944, No. 5, Vote Cast in Presidential and Congressional Elections, 1928–1944; and U. S. Congress, Clerk of the House; Statistics of the Presidential and Congressional Election of November 2, 1948, corrected to January 29, 1949.

No. 349.—Electoral Vote for President, by Major Political Parties, by States: 1920 to 1948

[See also *Historical Statistics*, series P 27-31]

State	1920		1924		1928		1932		1936		1940		1944		1948 [1]	
	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.
Total	**404**	**127**	**382**	**136**	**444**	**87**	**59**	**472**	**8**	**523**	**82**	**449**	**99**	**432**	**189**	**303**
Plurality	277		246		357			413		515		367		333		114
Ala		12		12		12		11		11		11		11		
Ariz	3		3		3			3		3		3		4		4
Ark		9		9		9		9		9		9		9		9
Calif	13		13		13			22		22		22		25		25
Colo	6		6		6			6		6	6		6			6
Conn	7		7		7		8			8		8		8	8	
Del	3		3		3		3			3		3		3	3	
Fla		6		6	6			7		7		7		8		8
Ga		14		14		14		12		12		12		12		12
Idaho	4		4		4			4		4		4		4		4
Ill	29		29		29			29		29		29		28		28
Ind	15		15		15			14		14	14		13		13	
Iowa	13		13		13			11		11	11		10			10
Kans	10		10		10			9		9	9		8		8	
Ky		13	13		13			11		11		11		11		11
La		10		10		10		10		10		10		10		
Maine	6		6		6		5		5		5		5		5	
Md	8		8		8			8		8		8		8	8	
Mass	18		18			18		17		17		17		16		16
Mich	15		15		15			19		19	19			19	19	
Minn	12		12		12			11		11		11		11		11
Miss		10		10		10		9		9		9		9		
Mo	18		18		18			15		15		15		15		15
Mont	4		4		4			4		4		4		4		4
Nebr	8		8		8			7		7	7		6		6	
Nev	3		3		3			3		3		3		3		3
N. H	4		4		4		4			4		4		4	4	
N. J	14		14		14			16		16		16		16	16	
N. M	3		3		3			3		3		3		4		4
N. Y	45		45		45			47		47		47		47	47	
N. C		12		12	12			13		13		13		14		14
N. Dak	5		5		5			4		4	4		4		4	
Ohio	24		24		24			26		26		26	25			25
Okla	10			10	10			11		11		11		10		10
Oreg	5		5		5			5		5		5		6	6	
Pa	38		38		38		36			36		36		35	35	
R. I	5		5			5		4		4		4		4		4
S. C		9		9		9		8		8		8		8		
S. Dak	5		5		5			4		4	4		4		4	
Tenn	12			12	12			11		11		11		12		11
Tex		20		20	20			23		23		23		23		23
Utah	4		4		4			4		4		4		4		4
Vt	4		4		4		3		3		3		3		3	
Va		12		12	12			11		11		11		11		11
Wash	7		7		7			8		8		8		8		8
W. Va	8		8		8			8		8		8		8		8
Wis	13		(2)	(2)	13			12		12		12	12			12
Wyo	3		3		3			3		3		3	3			3

[1] Total of 531 electors also includes 39 for States' Rights Democrat candidates, as follows: Alabama, 11; Louisiana, 10; Mississippi, 9; South Carolina, 8; and Tennessee, 1.

[2] Electoral votes of Wisconsin cast for LaFollette and Wheeler, Independent Progressive candidates.

Sources: 1920, Journal of the Senate, Washington, D. C.; 1924–48, U. S. Congress, Clerk of the House; Statistics of Presidential and Congressional Election.

No. 350.—Apportionment of Congressional Representation, by States, From Adoption of Constitution to 1940

[Until 1940, population for apportionment purposes excluded Indians not taxed and, until 1870, two-fifths of slaves. In 1940, all Indians were held subject to Federal taxation. Until 1850, apportionment ratios chosen arbitrarily; 1850 to 1900, ratios were apportionment population of U. S. divided by number of Representatives; from 1910 on, apportionments computed from priority lists, not from ratios. No apportionment in 1920. For discussion of apportionment methods, see S. Doc. No. 304, 76th Cong., 3d sess., "A Survey of Methods of Apportionment in Congress," by Edward V. Huntington. See also *Historical Statistics*, series P 57–61, which shows apportionment totals under Apportionment Act, *excluding* Representatives assigned after apportionment (footnote 6 below)]

STATE	Constitution	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1930	1940
	RATIOS UNDER CONSTITUTION AND APPORTIONMENT ACTS															
	30,000 [1]	33,000	33,000	35,000	40,000	47,700	70,680	93,423	127,381	131,425	151,911	173,901	194,182	(2)	(2)	(2)
	NUMBER OF REPRESENTATIVES															
Total	65	106	142	186	213	242	232	[3] 237	[4] 243	[5] 293	332	357	391	435	435	435
Alabama	----	----	----	[6] 1	3	5	7	7	6	8	8	9	9	10	9	9
Arizona	----	----	----	----	----	----	----	----	----	----	----	----	----	[7] 1	1	2
Arkansas	----	----	----	----	----	[6] 1	1	2	3	4	5	6	7	7	7	7
California	----	----	----	----	----	----	[6] 2	2	3	4	6	7	8	11	20	23
Colorado	----	----	----	----	----	----	----	----	----	[6] 1	1	2	3	4	4	4
Connecticut	5	7	7	7	6	6	4	4	4	4	4	4	5	5	6	6
Delaware	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1
Florida	----	----	----	----	----	----	[6] 1	1	1	2	2	2	3	4	5	6
Georgia	3	2	4	6	7	9	8	8	7	9	10	11	11	12	10	10
Idaho	----	----	----	----	----	----	----	----	----	----	[6] 1	1	1	2	2	2
Illinois	----	----	----	[6] 1	1	3	7	9	14	19	20	22	25	27	27	26
Indiana	----	----	----	[6] 1	3	7	10	11	11	13	13	13	13	13	12	11
Iowa	----	----	----	----	----	----	[6] 2	2	6	9	11	11	11	11	9	8
Kansas	----	----	----	----	----	----	----	----	1	3	7	8	8	8	7	6
Kentucky	----	2	6	10	12	13	10	10	9	10	11	11	11	11	9	9
Louisiana	----	----	----	[6] 1	3	3	4	4	5	6	6	6	7	8	8	8
Maine	----	----	----	[8] 7	7	8	7	6	5	5	4	4	4	4	3	3
Maryland	6	8	9	9	9	8	6	6	5	6	6	6	6	6	6	6
Massachusetts	8	14	17	13	13	12	10	11	10	11	12	13	14	16	15	14
Michigan	----	----	----	----	----	[6] 1	3	4	6	9	11	12	12	13	17	17
Minnesota	----	----	----	----	----	----	----	[6] 2	2	3	5	7	9	10	9	9
Mississippi	----	----	----	[6] 1	1	2	4	5	5	6	7	7	8	8	7	7
Missouri	----	----	----	----	1	2	5	7	9	13	14	15	16	16	13	13
Montana	----	----	----	----	----	----	----	----	----	----	[6] 1	1	1	2	2	2
Nebraska	----	----	----	----	----	----	----	----	[6] 1	1	3	6	6	6	5	4
Nevada	----	----	----	----	----	----	----	----	[6] 1	1	1	1	1	1	1	1
New Hampshire	3	4	5	6	6	5	4	3	3	3	2	2	2	2	2	2
New Jersey	4	5	6	6	6	6	5	5	5	7	7	8	10	12	14	14
New Mexico	----	----	----	----	----	----	----	----	----	----	----	----	----	[7] 1	1	2
New York	6	10	17	27	34	40	34	33	31	33	34	34	37	43	45	45
North Carolina	5	10	12	13	13	13	9	8	7	8	9	9	10	10	11	12
North Dakota	----	----	----	----	----	----	----	----	----	----	[6] 1	1	2	3	2	2
Ohio	----	----	[6] 1	6	14	19	21	21	19	20	21	21	21	22	24	23
Oklahoma	----	----	----	----	----	----	----	----	----	----	----	----	[6] 5	8	9	8
Oregon	----	----	----	----	----	----	----	[6] 1	1	1	1	2	2	3	3	4
Pennsylvania	8	13	18	23	26	28	24	25	24	27	28	30	32	36	34	33
Rhode Island	1	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2
South Carolina	5	6	8	9	9	9	7	6	4	5	7	7	7	7	6	6
South Dakota	----	----	----	----	----	----	----	----	----	----	[6] 2	2	2	3	2	2
Tennessee	----	[6] 1	3	6	9	13	11	10	8	10	10	10	10	10	9	10
Texas	----	----	----	----	----	----	[6] 2	2	4	6	11	13	16	18	21	21
Utah	----	----	----	----	----	----	----	----	----	----	----	[6] 1	1	2	2	2
Vermont	----	2	4	6	5	5	4	3	3	3	2	2	2	2	1	1
Virginia	10	19	22	23	22	21	15	13	11	9	10	10	10	10	9	9
Washington	----	----	----	----	----	----	----	----	----	----	[6] 1	2	3	5	6	6
West Virginia	----	----	----	----	----	----	----	----	----	3	4	4	5	6	6	6
Wisconsin	----	----	----	----	----	----	[6] 2	3	6	8	9	10	11	11	10	10
Wyoming	----	----	----	----	----	----	----	----	----	----	[6] 1	1	1	1	1	1

[1] Number of Representatives not to exceed 1 for each 30,000 inhabitants.
[2] See headnote.
[3] Membership increased from 233 to 234 by act of July 30, 1852 (10 Stat. L. 25). See note 6.
[4] Membership increased from 233 to 241 by act of Mar. 4, 1862 (12 Stat. L. 353). See note 6.
[5] Membership originally fixed at 283 but increased to 292 by act of May 30, 1872 (17 Stat. L. 192). One Member assigned to Colorado after apportionment.
[6] Assigned after apportionment.
[7] Included in apportionment act in anticipation of Statehood.
[8] Included in the 20 Members originally assigned to Massachusetts but credited to Maine after its admission as a State, Mar. 15, 1820 (3 Stat. L. 555).

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Population, Volume I.

No. 351.—Vote for United States Senators, by Major Political Parties, by States: 1946 and 1948

[Years in which no regular elections occur indicated by leaders. Elections to fill vacancies for unexpired terms excluded]

State	1946				1948			
	Total	Democratic	Republican	Other parties	Total	Democratic	Republican	Other parties
Alabama					220,875	185,534	35,341	
Arizona	116,239	80,415	35,022	802				
Arkansas					216,401	216,401		
California	2,639,465	1,167,161	1,428,067	44,237				
Colorado					510,121	340,719	165,069	4,333
Connecticut	682,921	276,424	381,328	25,169				
Delaware	113,513	50,910	62,603		141,362	71,888	68,246	1,228
Florida	198,640	156,232	42,408					
Georgia					362,504	362,104		400
Idaho					214,188	107,000	103,868	3,320
Illinois					3,900,285	2,147,754	1,740,026	12,505
Indiana	1,347,434	584,288	739,809	23,337				
Iowa					1,000,412	578,226	415,778	6,408
Kansas					716,342	305,987	393,412	16,943
Kentucky					794,469	408,256	383,776	2,437
Louisiana					330,124	330,115		9
Maine	175,014	63,799	111,215		223,256	64,074	159,182	
Maryland	472,232	237,232	235,000					
Massachusetts	1,662,055	660,200	989,736	[1] 12,119	2,155,347	954,398	1,088,475	[2] 112,474
Michigan	1,618,720	517,923	1,085,570	15,227	2,062,097	1,000,329	1,045,156	16,612
Minnesota	878,731	[3] 349,520	517,775	11,436	1,220,250	[3] 729,494	485,801	4,955
Mississippi	46,747	46,747			151,478	151,478		
Missouri	1,086,241	511,544	572,556	2,141				
Montana	190,566	86,476	101,901	2,189	221,003	125,193	94,458	1,352
Nebraska	382,958	111,750	271,208		471,895	204,320	267,575	
Nevada	50,354	22,553	27,801					
New Hampshire					222,898	91,760	129,600	1,538
New Jersey	1,367,155	548,458	799,808	18,889	1,869,882	884,414	934,720	50,748
New Mexico	133,282	68,650	64,632		188,495	108,269	80,226	
New York	4,867,477	[4] 1,688,887	2,559,365	[4] [5] 619,225				
North Carolina					764,559	540,762	220,307	3,490
North Dakota	165,382	38,368	88,210	38,804				
Ohio	2,237,269	947,610	1,275,774	13,885				
Oklahoma					708,931	441,654	265,169	2,108
Oregon					498,570	199,275	299,295	
Pennsylvania	3,127,860	1,245,338	1,853,458	29,064				
Rhode Island	273,528	150,748	122,780		320,420	190,158	130,262	
South Carolina					141,006	135,998	5,008	
South Dakota					242,833	98,749	144,084	
Tennessee	218,714	145,654	57,238	15,822	499,218	326,142	166,947	6,129
Texas	380,681	336,931	43,750		1,061,563	702,985	349,665	8,913
Utah	197,399	96,257	101,142					
Vermont	73,340	18,594	54,729	17				
Virginia	252,863	163,960	77,005	11,898	386,178	253,865	118,546	13,767
Washington	660,342	298,683	358,847	2,812				
West Virginia	542,768	273,151	269,617		763,888	435,354	328,534	
Wisconsin	1,014,594	378,772	620,430	15,392				
Wyoming	81,557	45,843	35,714		101,480	57,953	43,527	

[1] Excludes 52,939 blanks, void, and scattering.
[2] Includes 99,549 blanks.
[3] Democratic-Farmer-Labor Party.
[4] Included in "Other" are 435,846 American Labor and 183,379 Liberal votes cast in endorsement of Democratic candidate.
[5] Excludes 178,694 blanks, void, and scattering.

Source: U. S. Congress, Clerk of the House; Statistics of the Congressional Election of November 5, 1946, corrected to February 13, 1947, and Statistics of the Presidential and Congressional Election of November 2, 1948, corrected to January 29, 1949.

No. 352.—Vote for United States Representatives, by Major Political Parties, by States: 1946 and 1948

[In each State, totals represent the sum of votes cast in each Congressional District, except as follows. In New Mexico and North Dakota (and in Arizona in 1946), no representatives were elected from districts, but more than one was elected from the State at large; in these States, each party total represents votes cast for that candidate of the party receiving highest vote. In Delaware, Nevada, and Vermont only one representative is elected. In Connecticut and Ohio, representatives are elected by district except one, who is elected at large; the at-large vote is not reflected in this tabulation. In numerous States, one or other of the major parties had no candidates in some districts. In those cases where votes of a party, as such, are cast in endorsement of a candidate of another party, the votes are here counted as for the endorsing party. See also notes below]

STATE	1946				1948			
	Total	Democratic	Republican	Other parties	Total	Democratic	Republican	Other parties
Alabama	179,488	165,383	14,105	----	197,084	183,520	13,564	----
Arizona	112,812	74,948	37,033	831	158,975	96,631	60,004	2,340
Arkansas	151,333	143,252	2,881	5,200	229,403	229,403	----	----
California [1]	2,335,262	1,105,646	1,203,346	26,270	3,561,390	1,348,098	1,974,748	238,544
Colorado	332,072	145,692	184,519	1,861	497,411	272,484	224,927	----
Connecticut	674,499	281,709	374,545	18,245	920,610	456,538	454,243	9,829
Delaware	112,621	49,105	63,516	----	140,535	68,909	71,127	499
Florida	186,763	151,123	35,640	----	353,013	297,210	55,803	----
Georgia	161,578	141,961	----	19,617	365,356	365,356	----	----
Idaho	178,758	77,740	101,018	----	211,869	105,852	102,794	3,223
Illinois	3,446,920	1,500,635	1,946,276	9	3,848,640	2,001,650	1,823,266	23,724
Indiana	1,332,648	588,644	725,622	18,382	1,633,401	836,852	782,346	14,203
Iowa	593,076	228,039	365,037	----	939,743	419,053	517,207	3,483
Kansas	554,860	223,173	328,642	3,045	703,910	299,478	404,432	----
Kentucky	583,302	271,480	311,502	320	740,538	416,014	320,691	3,833
Louisiana	106,009	100,357	5,651	1	321,576	308,239	13,337	----
Maine	174,248	63,860	110,388	----	213,894	72,114	141,780	----
Maryland	444,955	232,498	212,457	----	534,186	291,011	231,003	12,172
Massachusetts	1,617,314	744,765	863,274	9,275	2,155,346	976,099	970,300	[2] 208,947
Michigan	1,604,732	619,318	975,363	10,051	2,064,536	1,022,761	1,024,507	17,268
Minnesota	875,005	[3] 357,758	514,784	2,463	1,181,726	[3] 588,628	593,088	10
Mississippi	50,037	50,037	----	----	152,537	152,285	252	----
Missouri	1,084,741	517,980	566,296	465	1,565,102	919,886	641,841	3,375
Montana	190,088	95,982	93,265	841	214,549	122,987	91,061	501
Nebraska	372,040	118,800	248,724	4,516	460,451	191,831	268,620	----
Nevada	49,046	20,187	28,859	----	58,705	29,733	28,972	----
New Hampshire	161,092	61,220	99,872	----	220,363	94,552	124,299	1,512
New Jersey	1,381,993	553,964	815,261	12,768	1,852,441	880,881	937,790	33,770
New Mexico	126,939	66,420	60,519	----	185,224	108,529	76,695	----
New York [4]	4,705,410	1,632,038	2,522,927	550,445	5,997,987	2,607,312	2,658,309	732,366
North Carolina	452,222	277,277	174,945	----	763,513	540,873	219,295	3,345
North Dakota	144,394	41,189	103,205	----	190,803	56,702	132,343	1,758
Ohio	2,216,750	943,881	1,262,164	10,705	2,808,530	1,469,758	1,337,499	1,273
Oklahoma	492,141	287,978	204,163	----	685,085	460,519	224,566	----
Oregon	334,670	117,665	217,005	----	491,142	176,014	296,387	18,741
Pennsylvania	3,111,987	1,306,723	1,795,552	9,712	3,657,029	1,782,985	1,864,161	9,883
Rhode Island	272,394	148,717	122,787	890	318,577	193,619	124,958	----
South Carolina	26,358	26,066	----	292	140,654	133,730	6,905	19
South Dakota	157,805	58,073	99,732	----	240,720	104,945	135,775	----
Tennessee	193,448	126,530	58,704	8,214	448,973	283,231	150,778	14,964
Texas	347,395	330,368	16,998	29	1,051,853	984,994	65,410	1,449
Utah	196,672	95,486	101,186	----	274,333	159,411	114,922	----
Vermont	73,066	26,056	46,985	25	122,598	47,767	74,706	125
Virginia	253,864	167,919	81,626	4,319	383,160	255,176	121,474	6,398
Washington	644,930	267,187	375,715	2,028	817,578	402,505	401,334	13,739
West Virginia	537,357	269,306	268,051	----	758,631	442,554	316,077	----
Wisconsin	983,918	312,289	615,287	56,342	1,211,341	514,018	676,501	20,822
Wyoming	79,438	34,956	44,482	----	97,464	47,246	50,218	----

[1] In California a person may be candidate of one or more parties for same office, so that party votes for candidates are not segregable. Party vote shown is computed by assigning to a party total votes for candidates who are members of that party.

[2] Includes 208,892 blanks.

[3] Democratic-Farmer-Labor party.

[4] Included in "Other" are endorsing votes cast for major party candidates, as follows: in 1946, for Democrats 290,046 and for Republicans 17,599; in 1948, for Democrats 263,339 and for Republicans 31,735. Democratic total for 1946 includes 27,341 votes cast in endorsement of American Labor nominee. Republican total for 1948 includes 115,824 endorsing votes cast for Democrats.

Source: U. S. Congress, Clerk of the House; Statistics of the Congressional Election of November 5, 1946, corrected to February 13, 1947, and Statistics of the Presidential and Congressional Elections, of November 2, 1948, corrected to January 29, 1949.

No. 353.—Composition of Congress by Political Party Affiliations: 1915 to 1950

[D = Democratic, R = Republican. See also *Historical Statistics*, series P 50-56]

YEAR	President	Congress	HOUSE			SENATE		
			Major party	Principal minority party	Other (except vacancies)	Major party	Principal minority party	Other (except vacancies)
1915-1917	D (Wilson)	64th	D—230	R—196	9	D—56	R—40	
1917-1919	D (Wilson)	65th	D—216	R- 210	6	D—53	R—42	
1919-1921	D (Wilson)	66th	R—240	D—190	3	R—49	D—47	
1921-1923	R (Harding)	67th	R—301	D—131	1	R—59	D—37	
1923-1925	R (Coolidge)	68th	R—225	D—205	3	R—51	D—43	2
1925-1927	R (Coolidge)	69th	R—247	D—183	4	R—56	D—39	1
1927-1929	R (Coolidge)	70th	R—237	D—195	3	R—49	D—46	1
1929-1931	R (Hoover)	71st	R—267	D—167	1	R—56	D—39	1
1931-1933	R (Hoover)	72d	D—220	R—214	1	R—48	D—47	1
1933-1934	D (F. Roosevelt)	73d	D—310	R—117	5	D—60	R—35	1
1935-1936	D (F. Roosevelt)	74th	D—319	R—103	10	D—69	R—25	2
1937-1938	D (F. Roosevelt)	75th	D—331	R— 89	13	D—76	R—16	4
1939-1941	D (F. Roosevelt)	76th	D—261	R- 164	4	D- -69	R—23	4
1941-1942	D (F. Roosevelt)	77th	D—268	R—162	5	D—66	R—28	2
1943-1944	D (F. Roosevelt)	78th	D—218	R—208	4	D- 58	R—37	1
1945-1946	D (F. Roosevelt) D (Truman)	79th	D—242	R—190	2	D—56	R—38	1
1947-1948	D (Truman)	80th	R—245	D—188	1	R—51	D—45	
1949-1950	D (Truman)	81st	D—263	R—171	1	D—54	R—42	

Source: Party affiliation of The President: U. S. Congress, Clerk of the House; "Platforms of Two Great Political Parties, 1932 to 1944." Other data: Tabulations of Library of Congress, Legislative Reference Services "Political Trends—Both Houses of Congress—1789-1944"; and Congressional Directory.

No. 354.—Congressional Bills, Acts, and Resolutions: 1937 to 1949

[Excludes simple and concurrent resolutions. See also *Historical Statistics*, series P 40-44 and P 47]

ITEM	75th Cong.	76th Cong.	77th Cong.	78th Cong.	79th Cong.	80th Cong.	81st Cong. (1st sess.)
Period of session	1937-1938	1939-1941	1941-1942	1943-1944	1945-1946	1947-1948	1949
Number of days convened	431	625	711	695	554	712	290
Measures introduced, total	16,156	16,105	11,334	8,334	10,330	10,797	9,816
Bills	15,120	15,174	10,793	7,845	9,748	10,108	9,297
Joint resolutions	1,036	931	541	489	582	689	519
Measures passed, total	1,759	1,662	1,485	1,157	1,625	1,364	793
Public	919	1,005	850	568	733	906	440
Private	840	657	635	589	892	458	353

Sources: U. S. Congress, Calendars of the U. S. House of Representatives and History of Legislation, 80th and 81st Congresses; Congressional Directory, 81st Congress, 2nd Session; and tabulations of Library of Congress, Legislative Reference Service.

No. 355.—Congressional Bills Vetoed: 1913 to 1949

[See also *Historical Statistics*, series P 32-37]

PERIOD	President	VETOED BILLS			Vetoes sustained	Bills passed over veto
		Total	Regular	Pocket		
1913-1921	Wilson	44	33	11	38	6
1921-1923	Harding	6	5	1	6	
1923-1929	Coolidge	50	20	30	46	4
1929-1933	Hoover	37	21	16	34	3
1933-1945	F. Roosevelt	631	371	260	622	9
1945-1949	Truman	181	126	55	174	7

Sources: U. S. Congress, Senate Library, Veto Messages . . . 1889-1948; U. S. Congress, Calendars of the U. S. House of Representatives and History of Legislation, 81st Congress, 1st Session.

14. Federal Government Finances

The Government's proposed budget for the ensuing fiscal year is transmitted to the Congress by the President in January, and contains the President's recommendations for appropriations for the maintenance of the various departments and establishments. It includes estimates to carry out both existing laws and proposed legislation. Data from *The Budget of the United States Government* for the fiscal year ending June 30, 1951, are presented in tables 358–362. The Treasury Department publishes a *Digest of Appropriations* each year, which summarizes appropriation legislation enacted by the Congress, and also publishes yearly the *Combined Statement of Receipts, Expenditures and Balances*, which is an abstract of the books of the Treasury relating to all of the receipt and appropriation accounts of the Government.

The day-to-day financial operations of the Federal Government are reflected in the *Daily Statement of the United States Treasury*, which covers all of the receipts and expenditures of the Government, including those arising under public debt operations, and also exhibits a *Statement of the Public Debt*, as of the end of the month, on the first working day of the next month, and certain other special statements on the 15th day of each month. The *Treasury Bulletin*, a monthly publication, contains analytical material on fiscal operations and related Treasury activities. The *Annual Report of the Secretary of the Treasury* is a convenient summary of yearly data relating to somewhat broader fields, and, in addition, contains texts of most of the public documents relating to fiscal policy and operations. The *Annual Report of the Commissioner of Internal Revenue* gives a detailed account of tax collections by kind of tax and by geographic area.

Two other special aspects of Federal finances are dealt with in the *Circulation Statement of United States Money* (monthly) and *Prices and Yields of Public Marketable Securities . . .* (monthly), both issued by the Treasury Department. See tables 425, 426, and 482, pp. 383, 384, and 421.

Data from income tax returns are compiled by the Bureau of Internal Revenue of the Treasury Department in accordance with Section 63 of the Internal Revenue Code, which requires the preparation and publication annually of statistics reasonably available with respect to the operation of the income tax laws. The annual report, *Statistics of Income, Part 1*, is compiled from data reported on individual income tax returns, taxable fiduciary income tax returns, Federal estate tax returns, and gift tax returns. *Statistics of Income, Part 2*, also published annually, presents data from corporation income and declared value excess-profits tax returns, corporation excess-profits tax returns, and personal holding company returns. Data from these reports appear on pages 321–337, 438–440, and 444.

ACCOUNTS THROUGH WHICH TREASURY OPERATIONS ARE EFFECTED

All receipts of the Government are covered into the General Fund of the Treasury, from which all expenditures are made. No money may be drawn from the Treasury except in accordance with appropriations made by law.

Receipts and expenditures are classified in the Treasury's records according to the class of accounts through which operations are effected. Transactions are segregated in order to exhibit separately those effected through general and special accounts, as contrasted with those effected through trust accounts. A brief description of the items handled through these accounts is as follows:

1. General accounts.—The principal categories of general account receipts are income taxes, miscellaneous internal revenue, employment taxes, customs, and miscellaneous receipts, such as proceeds from the sale of surplus property.

There are five classes of appropriations payable through the general accounts of the Treasury, namely: (a) annual appropriations, which are available for incurring obligations only during a specified fiscal year; (b) multiple-year appropriations, which are available for incurring obligations for a definite period in excess of one fiscal year; (c) continuing (no year) appropriations, which are available for incurring obligations until the appropriation is exhausted or until the object for which appropriated has been accomplished; (d) permanent-specific appropriations, which are fixed amounts provided for each of a series of years by permanent legislation, without annual action of Congress; and (e) permanent-indefinite appropriations, which are indefinite amounts (so much as may be necessary) provided by permanent legislation without annual action of Congress, such as the indefinite appropriation to cover interest on the public debt.

2. Special accounts.—Receipts in these accounts are generally funds received under special authorization of law which may be expended only for the particular purposes specified therein, and not for general purposes. The larger items are those receipts for the reclamation fund, Alaska Railroad fund, and receipts under the Mineral Leasing Act, under the Department of the Interior, and the national forest funds, under the Department of Agriculture.

3. Trust accounts.—Trust account receipts are those received for the benefit of individuals or groups of individuals and are to be used for the purposes specified in the trust, and are not, therefore, available for general expenditures. An example of a trust account is the Federal old-age and survivors insurance trust fund, to which amounts equivalent to the receipts from the taxes on employment levied for the support of old-age benefits are automatically appropriated.

BASIS OF TABLES

A number of different bases are used in compiling data relating to Federal finances, as explained below, and the basis used is noted at the head of each table.

Daily Treasury Statement.—Most tables at present dealing with Federal fiscal affairs are compiled on the basis of the *Daily Treasury Statement.* This statement is compiled from the latest daily financial reports received from Government depositaries and Treasury offices holding Government funds, and, because of the promptness with which the information is obtained and made public, it has come into general use as reflecting the Government's finances and the condition of the Treasury from day to day. Effective with the beginning of the fiscal year 1947 expenditures of several departments and establishments serviced by the Division of Disbursement, Treasury Department, are reported in the *Daily Treasury Statement* on the basis of checks issued. A clearing account is provided to take care of outstanding checks. Beginning July 1, 1948, such expenditures are reported as of the day on which checks are issued in payment of obligations, through the use of teletype facilities.

Two important changes were made during the fiscal year 1949 in the method of reporting budget receipts and expenditures, both in the *Daily Treasury Statement* and in the Budget document: (1) Effective July 1, 1948, payments to the Treasury, principally by wholly owned Government corporations, for retirement of capital stock and for disposition of earnings, were excluded in reporting both receipts and expenditures, and (2) effective January 1, 1949, amounts refunded by the Government, principally for the over-payment of taxes, are reported as deductions from total receipts rather than as expenditures.

Other tables are on bases reflecting the accounts or statistics of the various Treasury offices compiling them for the definite period under review. Such other bases are the following:

Public debt accounts.—Tables on this basis reflect the audited accounts of the Bureau of the Public Debt for the actual transactions of the period under review.

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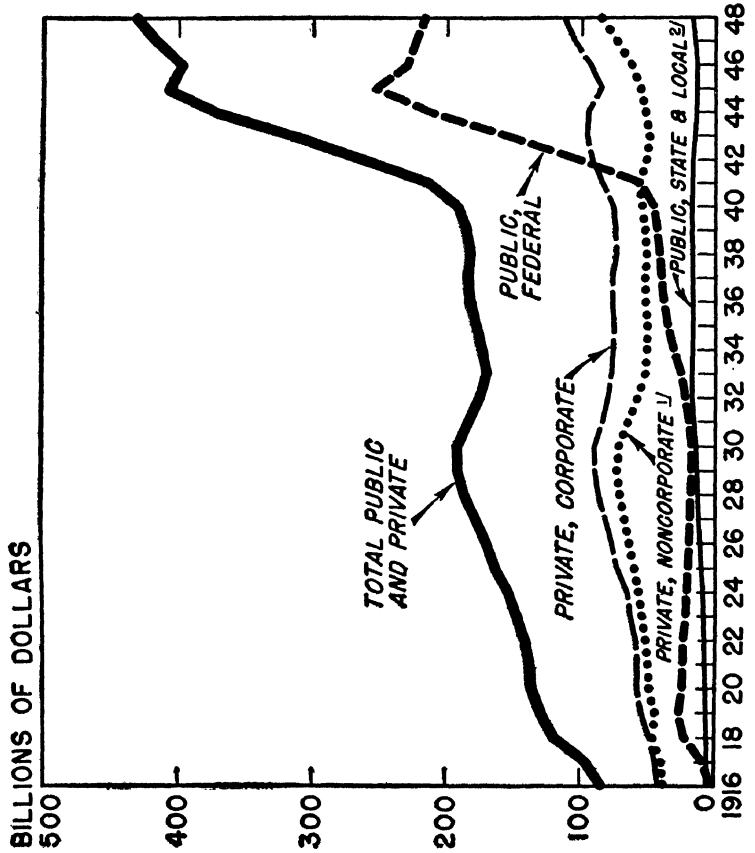
FIGURE M.—NET PUBLIC AND PRIVATE DEBT, BY MAJOR COMPONENTS: 1916 TO 1948

[See table 383]



1/ Data represent individual and noncorporate private debt.
2/ Data are for June 30 of each year.

Source: Department of Commerce, Office of Business Economics.

Warrants issued.—By law, warrants evidence the formal covering of receipts into the Treasury. The term when relating to expenditures may represent payments to claimants, but the greater number are merely advances of funds to disbursing officers for expenditure. Tables when compiled on this basis show expenditures considerably in advance of actual disbursement by disbursing officers.

Checks issued.—This term relates to expenditure statements made up on the basis of checks drawn by disbursing officers.

Collection basis.—Statements showing receipts on this basis are compiled from reports received by the various administrative offices from collecting officers in the field, such as actual collections recorded on their books by collectors of internal revenue and collectors of customs but without regard to the time of deposit of such collections to the credit of the Treasurer.

Further details with respect to Treasury accounting bases and procedures are shown on pages 351–353 of the *Annual Report of the Secretary of the Treasury* for the fiscal year 1949.

Public and private debt.—Data from a special study on debt by the Office of Business Economics of the Department of Commerce are presented in this section. (See table 383.) These data are published annually in the *Survey of Current Business.*

Gross debt, as defined in this study, consists of all classes of legal indebtedness except the following: (1) Deposit liability of banks and the amount of bank notes in circulation; (2) value of outstanding policies and annuities of life insurance carriers; (3) short-term debts among individuals and unincorporated nonfinancial business firms; and (4) nominal debt of corporations, such as bonds which are authorized but unissued or outstanding but reacquired.

Net public and private debt outstanding is a comprehensive aggregate of indebtedness of borrowers after elimination of certain duplicating governmental and corporate debt. This measure of indebtedness provides a more significant indication of trends in debt structure than does gross debt, since effects of nominal changes in financial practices and organization are largely removed. To obtain net figures, gross or total debt is adjusted for specific types of duplications pertaining to the following sectors of the economy: (1) Federal Government and its corporations and agencies generally; (2) State and local governments treated as a single entity; and (3) within the corporate area, those affiliated but legally distinct corporations which operate under a single management, treated here as a unit. In the noncorporate private area, data are gross throughout with no adjustments for duplications.

The net debt concept for each of the four sectors can be summarized as follows: Federal Government net debt is that owed to all other sectors of the economy except the Federal Government proper and its corporations and agencies; State and local government net debt is that owed to all other economic entities except State and local governments; corporate net debt is that owed to all other entities (including corporations) except to corporate members of an affiliated system; and private noncorporate net (or gross) debt is summation of all forms of legal indebtedness except that among individuals and unincorporated nonfinancial business firms. Data represent balances of debts outstanding at end of calendar years, except data for State and local governments which are for June 30 of each year.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics,* series P 109) provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945.* In that historical supplement to the *Statistical Abstract,* statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 356.—Receipts and Surplus or Deficit of the Federal Government: 1789 to 1949

[In thousands of dollars. On basis of warrants issued through 1915, thereafter on basis of daily Treasury statements except as noted. General, special, emergency, and trust accounts combined through 1930; thereafter, trust accounts excluded. For explanation of bases and accounts, see general note, p. 304. See also *Historical Statistics*, series P 89–98]

YEARLY AVERAGE OF YEAR ENDING JUNE 30—	RECEIPTS							Surplus (+) or deficit (−), receipts compared with expenditures
				Internal revenue		Sales of public lands [4]	Other receipts	
	Net [1]	Total [2]	Customs [3]	Income and profits taxes	Other			
1789–1800 [5]	5,717	5,717	5,020	----------	[6] 375	[6] 9	313	−59
1801–1810 [7]	13,056	13,056	12,046	----------	201	457	352	+3,970
1811–1820 [7]	21,032	21,032	16,383	----------	1,545	1,624	1,481	−2,911
1821–1830 [7]	21,923	21,923	19,852	----------	32	1,389	650	+5,761
1831–1840 [7]	30,461	30,461	20,470	----------	5	7,452	2,533	+5,966
1841–1850 [7]	28,545	28,545	25,649	----------	[6] 1	2,085	809	−5,553
1851–1860	60,237	60,237	54,498	----------	----------	4,583	1,157	+74
1861–1865	160,907	160,907	68,989	[8] 28,005	[6] 54,566	555	19,994	−522,878
1866–1870	447,301	447,301	178,903	50,604	171,316	2,110	44,368	+69,650
1871–1875	336,830	336,830	186,200	7,760	112,217	2,223	28,429	+49,370
1876–1880	288,124	288,124	146,594	[9]	116,697	1,025	23,808	+32,526
1881–1885	366,961	366,961	201,963	[10] 29	132,102	6,086	26,799	+109,270
1886–1890	375,448	375,448	216,557	----------	126,683	8,097	24,111	+96,314
1891–1895	352,891	352,891	176,861	[11] 77	150,228	2,650	23,136	−10,708
1896–1900	434,877	434,877	185,089	----------	206,623	1,526	41,639	−22,574
1901–1905	559,481	559,481	260,117	----------	255,374	5,670	38,321	+23,922
1906–1910	628,508	628,508	310,599	[12] 20,952	257,145	7,310	49,265	−10,670
1911–1915	710,227	710,227	289,363	49,738	307,116	3,755	60,256	−10,025
1916–1920	3,483,653	3,483,653	225,301	1,952,471	893,212	1,813	410,855	−4,581,680
1921–1925	4,306,673	4,306,673	464,027	2,111,093	1,052,604	846	678,104	+727,684
1926–1930	4,069,138	4,069,138	588,636	2,224,537	671,331	494	584,140	+886,331
1931–1935	2,770,973	2,838,216	322,729	1,116,203	1,186,498	138	212,648	−2,443,900
1936–1940	5,043,557	5,442,480	379,957	2,108,871	2,740,862	121	212,669	−3,231,753
1941–1945	26,155,670	27,653,194	378,227	19,170,335	6,146,815	136	1,657,680	−38,086,851
1932	1,923,913	2,005,725	327,755	1,057,336	503,670	170	116,794	−2,735,290
1933	2,021,213	2,079,697	250,750	746,206	858,218	103	224,420	−2,601,652
1934	3,064,268	3,115,554	313,434	817,961	1,822,642	99	161,417	−3,629,632
1935	3,729,914	3,800,467	343,353	1,099,119	2,178,571	87	179,337	−2,791,052
1936	4,068,937	4,115,957	386,812	1,426,575	2,086,276	74	216,219	−4,424,549
1937	4,978,601	5,293,590	486,357	2,163,414	2,433,726	71	210,022	−2,777,421
1938	5,802,186	6,241,661	359,187	2,640,285	3,034,034	96	208,060	−1,176,617
1939	5,103,397	5,667,824	318,837	2,188,757	2,972,464	248	187,517	−3,862,158
1940	5,264,663	5,893,368	348,591	2,125,325	3,177,809	117	241,526	−3,918,019
1941	7,227,281	7,995,612	391,870	3,469,638	3,892,037	178	241,888	−6,159,272
1942	12,696,286	13,676,680	388,948	7,960,465	5,032,653	90	294,525	−21,490,243
1943	22,201,502	23,402,322	324,291	16,093,669	6,050,300	129	933,933	−57,420,430
1944	43,891,673	45,441,049	431,252	34,654,852	7,030,135	99	3,324,711	−51,423,393
1945	44,761,609	47,750,306	354,776	35,173,051	8,728,951	184	3,493,345	−53,940,916
1946	40,026,889	44,238,135	435,475	30,884,796	9,425,537	127	3,492,200	−20,676,171
1947	40,042,606	44,508,189	494,078	29,305,568	10,073,840	143	4,634,559	+753,788
1948	42,210,770	46,098,807	421,723	31,170,968	10,682,517	214	3,823,385	+8,419,470
1949	38,245,668	42,773,506	384,485	29,482,284	10,825,001	[13]	2,081,736	−1,811,440

[1] Net receipts equal total receipts less (a) appropriations to Federal old-age and survivors insurance trust fund beginning 1937 and (b) refunds of receipts beginning 1931.
[2] Figures adjusted beginning 1931 on account of refunds of receipts and capital transfers (see general note, p. 305).
[3] Includes tonnage tax prior to 1932. Beginning 1932, tonnage tax is included in other receipts.
[4] On basis of warrants issued 1789 through 1930; thereafter, on basis of checks issued.
[5] Average for period Mar. 4, 1789, through Dec. 31, 1800.
[6] Averages are for entire period though there were no amounts under these items for certain years.
[7] Years ending Dec. 31, 1801 to 1842; average for 1841–50 is for period Jan. 1, 1841, through June 30, 1850.
[8] Average for 1863–65.
[9] Less than $500.
[10] Average for 1881 and 1884.
[11] One year only, 1895.
[12] One year only, 1910.
[13] Not available.

Source: Treasury Department, Annual Report of the Secretary; annual and current data published in Daily Statement of the U. S. Treasury.

No. 357.—Expenditures and gross Debt of the Federal Government: 1789 to 1949

[See headnote, table 356. See also *Historical Statistics*, series P99-107 and P132-133]

YEARLY AVERAGE OF YEAR ENDING JUNE 30—	EXPENDITURES (thousands of dollars)							GROSS DEBT [5]	
	Total [1]	Army Dept. (formerly War Dept.) [2]	Navy Dept. [2]	Indians [3]	Veterans' pensions [3]	Interest on the public debt	All other [4]	Amount (millions of dollars)	Per capita (dollars)
1789-1800 [6]	5,776	1,464	745	27	82	2,629	829	83	15.87
1801-1810 [6]	9,086	1,632	1,637	164	79	3,704	1,871	53	7.46
1811-1820 [6]	23,943	10,742	4,676	317	741	4,877	2,589	91	9.58
1821-1830 [6]	16,162	3,919	3,295	599	1,248	3,956	3,145	49	3.83
1831-1840 [6]	24,495	8,321	5,042	2,612	2,572	331	5,616	4	.21
1841-1850 [6]	34,097	13,491	7,619	1,458	1,790	1,701	8,039	63	2.77
1851-1860	60,163	15,784	11,997	3,267	1,531	2,776	24,807	65	2.06
1861-1865	683,785	547,753	65,330	3,203	4,858	34,601	28,040	2,678	75.01
1866-1870	377,642	127,816	28,383	4,488	23,428	135,441	58,087	2,436	61.06
1871-1875	287,460	40,186	23,327	7,504	30,166	111,580	74,696	2,156	47.84
1876-1880	255,598	37,170	15,990	5,405	35,051	100,191	61,791	2,091	41.60
1881-1885	257,691	43,010	15,863	7,328	57,790	63,742	69,958	1,579	27.86
1886-1890	279,134	40,085	17,872	6,429	82,657	44,027	88,064	1,122	17.80
1891-1895	363,599	50,326	29,185	10,651	140,186	29,402	103,849	1,097	15.76
1896-1900	457,451	111,278	48,086	11,832	141,642	38,164	106,450	1,263	16.60
1901-1905	535,559	133,362	86,287	11,711	140,114	27,849	136,236	1,132	13.51
1906-1910	639,178	169,050	112,872	15,338	151,329	22,673	167,916	1,147	12.41
1911-1915	720,253	198,792	134,062	20,744	164,897	22,519	179,239	1,191	11.85
1916-1920	8,065,333	3,212,420	882,132	30,833	187,143	375,371	3,377,434	24,299	228.23
1921-1925	3,578,989	540,176	427,748	42,125	244,784	973,696	1,350,460	20,516	177.12
1926-1930	3,182,807	404,999	340,343	37,676	223,507	737,680	1,438,602	16,185	131.51
1931-1935	5,214,874	457,185	358,831	25,384	279,008	695,549	3,398,916	28,701	225.55
1936-1940	8,275,309	698,674	649,179	36,795	408,758	904,707	5,577,196	42,968	325.59
1941-1945	64,242,521	32,143,689	17,673,156	30,207	514,797	2,080,921	11,799,750	258,682	1,853.21
1932	4,659,203	476,305	357,518	26,125	232,521	599,277	2,967,457	19,487	156.10
1933	4,622,865	434,621	349,373	22,722	234,990	689,365	2,891,794	22,539	179.48
1934	6,693,900	408,587	296,927	23,373	319,322	756,617	4,889,073	27,053	214 07
1935	6,520,966	487,995	436,266	27,919	373,805	820,926	4,374,055	28,701	225.55
1936	8,493,486	618,587	528,882	28,876	399,066	749,397	6,168,678	33,779	263.79
1937	7,756,021	628,104	556,674	36,933	396,047	866,384	5,271,879	36,425	282.75
1938	6,978,802	644,264	596,130	33,378	402,779	926,281	4,375,971	37,165	286.27
1939	8,965,555	695,256	672,722	46,964	416,721	940,540	6,193,351	40,440	308.98
1940	9,182,682	907,160	891,485	37,821	429,178	1,040,936	5,876,103	42,968	325.59
1941	13,386,554	3,938,943	2,313,058	33,588	433,148	1,110,693	5,557,124	48,961	367.57
1942	34,186,529	14,325,508	8,579,589	31,839	431,294	1,260,085	9,558,213	72,422	537.80
1943	79,621,932	42,525,563	20,888,349	24,665	442,394	1,808,160	13,932,801	136,696	1,001.46
1944	95,315,065	49,438,330	26,537,634	31,266	494,959	2,608,980	16,203,896	201,003	1,455.67
1945	98,702,525	50,490,102	30,047,152	29,680	772,190	3,616,686	13,746,715	258,682	1,853.21
1946	60,703,060	27,986,769	15,160,754	35,495	1,261,415	4,721,958	11,536,669	269,422	1,907.62
1947	39,288,819	9,172,139	5,597,203	37,369	1,929,226	4,957,922	17,594,959	258,286	1,793.23
1948 [7]	33,791,301	7,698,556	4,284,619	41,147	2,080,130	5,211,102	14,475,746	252,292	1,721.30
1949 [7]	40,057,108	9,546,332	4,434,298	([8])	([8])	5,339,396	20,737,081	252,770	1,695.46

[1] Excludes debt retirements and beginning 1931, refunds of receipts and capital transfers (see gen. note, p. 304).
[2] Excludes civil expenditures under War and Navy Depts. in Washington through 1915. Subsequent to 1915 includes all expenditures made by Dept. of Army (including rivers and harbors and Panama Canal) and Dept. of Navy. Dept. of Army includes expenditures of Dept. of Air Force.
[3] On basis of warrants issued through 1930; thereafter, on basis of checks issued. Expenditures for Indians exclude interest accounts, which are included in trust fund expenditures beginning 1940. Veterans' pensions represent expenditures under appropriation "Army and Navy pensions," administered by Veterans' Administration.
[4] Includes civil expenditures under War and Navy Depts. in Washington through 1915, expenditures of Office of Secy. of Defense, unavailable funds charged off under Act of June 3, 1922, and expenditures for "Govt. corporations (wholly owned), etc. (net)" beginning 1932.
[5] Represents gross debt as of end of each period; e. g., 1800, 1810, etc.
[6] Years ending Dec. 31 through 1842; average for 1879-1800 begins Mar. 4, 1789; average for 1841-50 is for Jan. 1, 1841-June 30, 1850. See note 5 concerning gross debt.
[7] For comparability with earlier years, all transactions relating to Foreign Economic Cooperation Trust Fund (amounting to $3,000,000,000) have been consolidated with budget expenditures.
[8] Not available.

Source: Treasury Department, Annual Report of the Secretary; annual and current data published in Daily Statement of the U. S. Treasury.

No. 358.—Federal Government Expenditures by Organization Unit: 1942 to 1949

[**In millions of dollars.** For years ending June 30. Expenditures reported on a checks-issued basis, adjusted in total to daily Treasury statement basis (which is partly checks issued and partly checks paid). This table includes budget expenditures and trust account expenditures and investments. "Budget" receipts, expenditures, and authorizations, as used in this and following tables, are mainly those of general and special accounts. Two important exceptions are appropriations from general fund to Federal old-age and survivors trust fund and refunds of receipts, both of which are excluded from expenditures and deducted from receipts. Budget expenditures also include net transactions (expenditures minus receipts) of wholly owned Government corporations and enterprises; omitted from both expenditures and receipts are transfers of capital between wholly owned Government corporations and the United States Treasury, and debt transactions of Government enterprises (expenditures from public debt authorizations are included; see also table 361). For further explanation, see general note on p. 304; also Budget, 1951, p. A2]

DESCRIPTION OR ORGANIZATION UNIT	1942	1943	1944	1945	1946	1947	1948	1949
BUDGET EXPENDITURES								
Total budget expenditures	34,187	79,622	95,315	98,703	60,703	39,289	[1] 33,791	40,057
Legislative branch	27	27	29	31	22	40	43	47
The Judiciary	12	12	13	13	15	17	20	21
Executive Office of the President	147	315	472	408	196	29	8	8
Funds appropriated to the President [2]	-------	-------	-------	-------	5	47	164	4,044
Independent offices:								
Atomic Energy Commission	-------	-------	-------	-------	-------	170	466	621
Civil Service Commission	114	125	195	218	265	237	261	244
Export-Import Bank of Washington	[3]	[3]	[3]	[3]	567	937	460	[4] 57
General Accounting Office	13	18	27	32	39	40	34	35
National Advisory Committee for Aeronautics	12	24	30	33	32	35	38	49
Philippine War Damage Commission	-------	-------	-------	-------	-------	3	36	170
Railroad Retirement Board	155	228	280	324	308	316	778	594
Reconstruction Finance Corporation	1,952	2,462	2,434	184	287	282	155	355
Tennessee Valley Authority	130	109	67	26	[4] 7	7	34	27
United States Maritime Commission	1,062	3,925	5,778	5,540	1,785	614	292	133
Veterans Administration	556	605	744	2,094	4,411	7,325	6,474	6,557
War Assets Administration	-------	-------	6	12	98	421	287	-------
Other independent offices	82	401	321	305	247	183	78	223
Federal Security Agency	977	805	777	750	743	928	1,028	1,313
Federal Works Agency	1,192	678	369	280	214	347	488	-------
General Services Administration	-------	-------	-------	-------	-------	-------	-------	508
Housing and Home Finance Agency	93	268	133	[4] 200	[4] 168	226	[4] 74	[4] 77
Department of Agriculture	2,091	2,589	2,825	2,265	1,307	1,527	1,225	2,750
Department of Commerce	159	[4] 186	218	152	126	164	173	662
Department of Defense:								
Office of the Secretary of Defense	-------	-------	-------	-------	-------	-------	[3]	7
Department of the Air Force	2,555	7,934	12,949	11,030	4,276	800	1,124	1,800
Department of the Army:								
Military functions	12,280	34,639	36,340	38,658	22,818	7,222	5,671	5,615
Civil functions	269	267	193	150	221	794	1,486	2,121
Department of the Navy	8,659	20,107	26,299	29,662	14,503	5,769	4,297	4,442
Department of the Interior	209	192	184	201	210	273	349	485
Department of Justice	84	101	114	104	104	113	118	126
Department of Labor	12	12	13	14	82	112	86	15
Post Office Department (general fund)	18	15	[4] 28	16	169	246	307	534
Department of State	33	49	58	77	168	318	676	317
Treasury Department:								
Interest on public debt	1,260	1,813	2,610	3,622	4,747	4,958	5,188	5,352
Other	1,001	1,907	2,216	2,440	1,830	4,476	2,396	734
District of Columbia (United States share)	6	6	6	6	6	8	12	12
Adjustment to daily Treasury statement basis	−974	−197	−357	+255	+1,077	+305	−388	+272
MEMORANDUM								
Capital transfers from expenditure to receipt accounts [5]	18	10	-------	16	38	210	263	802
Refunds of receipts, excluding interest	85	71	286	1,780	3,053	2,848	2,238	2,830
Adjustment to daily Treasury statement basis	[3]	−1	−28	−102	−80	+158	+34	+8
Total refunds of receipts, excluding interest	85	70	257	1,679	2,973	3,007	2,272	2,838
Statutory public debt retirements	95	3	[3]	-------	[3]	-------	1,012	-------

[1] Excludes transfer of $3 billion of 1948 surplus to foreign economic cooperation trust fund for expenditure in 1949.
[2] Other expenditures are shown under various agencies to which funds are allocated.
[3] Less than $500,000. [4] Deduct.
[5] Represents payments from expenditure accounts of Government corporations and enterprises into miscellaneous receipts of Treasury for retirement of paid-in capital and disposition of surplus.
[6] Excludes expenditures from Foreign Economic Cooperation Trust Fund. Included under budget expenditures of spending agencies.

No. 358.—Federal Government Expenditures, etc.—Continued

[In millions of dollars. For years ending June 30]

DESCRIPTION OR ORGANIZATION UNIT	1942	1943	1944	1945	1946	1947	1948	1949
Total trust account expenditures and investments	4,830	4,292	7,307	6,294	8,236	7,347	6,810	[6] 6,209
TRUST ACCOUNT EXPENDITURES								
Total trust account expenditures	2,904	1,274	3,177	1,092	4,566	3,984	3,750	3,899
Unemployment trust fund: Withdrawals by States and other expenditures	377	176	61	71	1,146	869	856	1,327
Fed. old-age and survivors insurance trust fund: Benefit payments and administrative expenses	137	177	217	267	358	466	559	660
Railroad retirement account: Benefit payments and other expenditures	126	130	134	141	152	173	222	278
Veterans' life insurance funds: Insurance losses and refunds	46	37	65	153	330	349	377	393
Federal employees' retirement funds: Annuities and refunds	78	85	103	151	266	323	244	221
Other trust accounts: Misc. trust expenditures	480	279	259	446	1,708	685	509	348
Checking accounts of Govt. corporations (not wholly owned) with Treasurer of U. S. (net)							145	[4] *25*
Other special deposit accounts (net)	[4] *129*	[4] *271*	[4] *508*	[4] *1,669*	647	372	30	458
Sales and redemptions of obligations of Government corporations and credit agencies in the market (net)	1,809	694	2,874	1,553	95	359	[4] *107*	74
Adjustment to daily Treasury statement basis	−20	−33	−28	−21	−136	+388	+915	+165
INVESTMENTS IN U. S. SECURITIES								
Total trust account investments	1,927	3,017	4,131	5,202	3,670	3,362	3,060	2,310
Unemployment trust fund	866	1,228	1,503	1,437	102	443	446	[4] *160*
Fed. old-age and survivors ins. trust fund	821	1,035	1,172	1,137	1,002	1,194	1,194	1,294
Railroad retirement account	18	87	141	182	157	148	569	316
Veterans' life insurance funds	82	387	922	2,046	2,100	1,294	494	384
Federal employees' retirement funds	140	280	393	400	309	283	363	447
Other trust accounts							[4] *6*	(7)

[4] Deduct. [6] See note on p. 310. [7] Less than $500,000; deduct.

Source Bureau of the Budget, the Budget of the United States Government.

No. 359.—Receipts From and Payments to the Public by the Federal Government: 1929 to 1949

[In billions. For years ending June 30. Receipts from and payments to public exclude intragovernmental financial transactions but include operations of trust accounts as well as budget accounts of Federal Government. This table therefore shows flow of money on cash basis between Federal Government as a whole and the public. Net borrowing or repayment of borrowing from the public excludes borrowing by Treasury from Federal trust accounts and Government corporations, and also excludes certain types of public debt transactions like issuance and redemption of armed forces leave bonds. The public is defined to include individuals; banks (including Federal Reserve and Postal Savings System); businesses; private corporations; State, local and foreign governments; and international organizations. For additional explanation, see 1950 Budget, pp. 1375-1376, headnote to table 358, and general note, p. 304]

YEAR	Receipts from the public [1] (1)	Payments to the public [1] (2)	Excess of receipts from (+) or payments to (−) the public (3)=(1)−(2)	Receipts from exercise of monetary authority [2] (4)	Excess of Treasury cash income (+) or outgo (−) [3] (5)=(3)+(4)	Decrease (+) or increase (−) in Treasury cash balance (6)	Decrease (+) or increase (−) in Exchange Stabilization Fund balance (7)	Net borrowing (−) or repayment of borrowing (+) from the public (8)=(5)+(6)+(7)
1929	$3.8	$2.9	+$0.9	(4)	+$0.9	−$0.1		+$0.8
1930	4.0	3.1	+.9	(4)	+.9	(4)		+.9
1931	3.2	4.1	−1.0	(4)	−1.0	−.2		−1.1
1932	2.0	4.8	−2.7	(4)	−2.7	+.1		−2.7
1933	2.1	4.7	−2.6	(4)	−2.6	−.4		−3.0
1934	3.1	6.5	−3.3	$2.8	−.5	−1.7	−$2.0	−4.2
1935	3.8	6.3	−2.4	.2	−2.2	+.7		−1.5
1936	4.2	7.6	−3.5	.2	−3.2	−.8		−4.1
1937	5.6	8.4	−2.8	.1	−2.7	+.1		−2.6
1938	7.0	7.2	−.1	.1	(4)	+.3		+.3
1939	6.6	9.4	−2.9	.1	−2.7	−.6		−3.4
1940	6.9	9.6	−2.7	.1	−2.6	+.9		−1.7
1941	9.2	14.0	−4.8	.1	−4.7	−.7		−5.4
1942	15.1	34.5	−19.4	.1	−19.3	−.4		−19.7
1943	25.1	78.9	−53.8	.1	−53.7	−6.5		−60.2
1944	47.8	94.0	−46.1	(4)	−46.1	−10.7		−56.8
1945	50.2	95.2	−45.0	.1	−44.9	−4.5		−49.5
1946	43.5	61.7	−18.2	.3	−17.9	+10.5		−7.4
1947	43.5	36.9	+6.6	.1	+6.7	+10.9	+1.8	+19.4
1948	45.4	36.5	+8.9	(4)	+8.9	−1.6		+7.3
1949	41.6	40.6	+1.0	(4)	+1.0	+1.5		+2.5

[1] Net of refunds of receipts.
[2] Consists of the increment resulting from reduction in weight of the gold dollar and the seigniorage on silver.
[3] Comparable to "net cash operating income or outgo" currently published in monthly *Treasury Bulletin*.
[4] Less than $50 million.

Source: Bureau of the Budget, the Budget of the United States Government.

No. 360.—Budget Receipts and Expenditures of the Federal Government, by Function: 1939 to 1949

[In millions of dollars. For years ending June 30. For explanation of terms, see general note, p. 304, and headnote to table 358]

SOURCE AND FUNCTION	1939	1943	1944	1945	1946	1947	1948	1949
Excess of budget expenditures	3,862	57,420	51,423	53,941	20,676			1,811
Excess of budget receipts						754	8,419	
Total budget receipts	5,103	22,201	43,892	44,762	40,027	40,043	42,211	38,246
Total budget expenditures	8,966	79,622	95,315	98,703	60,703	39,289	33,791	40,057
Budget receipts, total	5,103	22,201	43,892	44,762	40,027	40,043	42,211	38,246
Direct taxes on individuals	1,390	6,953	20,290	19,789	19,008	20,408	21,896	18,725
Direct taxes on corporations	1,277	9,916	15,256	16,399	12,906	9,676	10,174	11,554
Excise taxes	1,755	3,777	4,400	5,934	6,696	7,270	7,402	7,551
Employment taxes	740	1,508	1,751	1,793	1,714	2,039	2,396	2,487
Customs	319	324	431	355	435	494	422	384
Miscellaneous receipts	187	925	3,313	3,480	3,479	4,621	3,809	2,072
Deduct:								
Appropriation to Federal old-age and survivors insurance trust fund	503	1,130	1,292	1,310	1,238	1,459	1,616	1,690
Refunds of receipts (excluding interest)	61	70	257	1,679	2,973	3,006	2,272	2,838
Budget expenditures, total	8,966	79,622	95,315	98,703	60,703	39,289	33,791	40,057
National defense, total	1,077	70,267	83,766	84,569	45,134	14,316	10,961	11,914
Direction and coordination of defense							1	9
Air force defense	445	44,327	49,151	49,958	25,362	6,294	[1] 1,117	[1] 1,754
Army defense							[1] 5,247	[1] 5,237
Naval defense	629	18,322	26,642	30,088	16,764	5,557	4,198	4,377
Activities supporting defense	2	7,618	7,973	4,523	3,009	2,464	399	535
Veterans' services and benefits, total	559	605	744	2,094	4,414	7,370	6,567	6,669
Veterans' pensions	417	442	495	772	1,261	1,929	2,080	2,154
Veterans' insurance	40	46	114	1,137	1,395	840	151	95
Veterans' readjustment benefits	1			9	1,350	3,641	3,313	3,334
Veterans' hospitals, other services, and administrative costs	101	116	135	176	407	960	1,024	1,086
International affairs and finance, total	19	166	244	677	1,462	6,542	4,782	6,462
Conduct of foreign affairs	17	62	96	113	96	117	163	172
International recovery and relief		50	7	271	867	4,071	3,913	5,724
Foreign economic development	2	54	135	293	472	2,380	471	[2] *45*
Foreign military assistance						[2] *100*	186	414
Philippine war damage and rehabilitation			5		28	75	49	197
Social welfare, health, and security, total	3,946	1,190	1,013	1,046	1,048	1,314	1,869	1,907
Retirement and dependents' insurance	110	239	282	330	317	306	766	584
Accident compensation	5	12	14	15	18	17	15	15
Assistance to the aged and other special groups	641	481	452	419	444	747	833	1,017
Work relief and direct relief	3,125	320	31	20	22	24	32	32
Promotion of public health	37	73	152	186	173	146	139	171
Crime control and correction	29	65	79	75	73	74	83	88
Community welfare services			2	1	1			
Housing and community development, total	[2] *154*	302	308	[2] *193*	[2] *199*	348	82	282
Public housing programs	58	683	538	112	77	413	98	42
Aids to private housing	14	[2] *459*	[2] *535*	[2] *416*	[2] *331*	[2] *117*	[2] *58*	312
Research and other general housing aids			4	5	3	13	7	1
Provision of community facilities	[2] *226*	78	101	106	51	39	35	[2] *72*
Education and general research, total	36	46	88	150	80	64	63	70
Promotion of education	25	31	27	25	27	34	38	39
Educational aid to special groups	1	1	2	2	2	3	3	3
Library and museum services	5	5	6	6	6	8	8	9
General-purpose research	4	9	54	118	46	20	14	18
Agriculture and agricultural resources, total	1,198	593	1,203	1,610	749	1,244	574	2,512
Development and improvement of agriculture, excepting financial aids and conservation	70	8	117	138	131	141	146	177
Loan and investment programs to aid agriculture	285	[2] *509*	[2] *669*	[2] *838*	[2] *1,495*	360	35	1,965
Other financial aids	815	994	1,729	1,778	2,073	694	345	311
Conservation and development of agricultural land and water resources	28	25	27	32	39	49	48	59

See footnotes at end of table.

No. 360.—Budget Receipts and Expenditures of the Federal Government, by Function: 1939 to 1949—Continued

[In millions of dollars. For years ending June 30]

SOURCE AND FUNCTION	1939	1943	1944	1945	1946	1947	1948	1949
Natural resources not primarily agricultural, total	**228**	**409**	**326**	**243**	**247**	**622**	**1,099**	**1,512**
Conservation and development of land and water resources not primarily agricultural	178	340	250	165	165	338	492	733
Conservation and development of forest resources	24	32	36	39	44	53	61	66
Conservation and development of mineral resources	6	19	26	23	21	24	33	42
Conservation and development of fish and wildlife	.5	8	7	8	8	11	12	18
Recreational use of natural resources	13	8	5	4	5	11	16	19
Development and control of atomic energy						174	475	622
General resource surveys	2	2	3	3	4	10	10	13
Transportation and communication, total	**498**	**3,576**	**4,311**	**3,367**	**789**	**548**	**1,224**	**1,622**
Promotion of the merchant marine	43	3,032	3,885	3,183	375	[2] *281*	183	124
Provision of navigation aids and facilities	157	126	79	65	93	246	231	309
Provision of highways	178	185	162	103	87	235	351	453
Promotion of aviation, including provision of airways and airports	15	204	174	100	67	86	99	143
Regulation of transportation	13	17	32	30	22	23	15	15
Other services to transportation	51	[2] *36*	[2] *30*	[2] *145*	[2] *26*	[2] *8*	34	40
Postal service (from general fund)	40	15	[2] *28*	1	161	242	304	530
Regulation of communication	2	33	37	31	11	6	6	7
Other services to communication						1	1	2
Finance, commerce, and industry, total	**51**	**264**	**171**	**106**	**30**	**102**	**88**	**120**
Control of money supply and private finance	7	5	5	5	5	6	6	7
Loans and investments to aid private financial institutions	[2] *14*	1	[2] *52*	[2] *65*	[2] *72*	[2] *66*	[2] *21*	[2] *14*
Promotion or regulation of trade and industry	17	139	272	268	210	155	54	62
Business loans and guarantees	42	246	43	[2] *99*	[2] *112*	7	30	65
War damage insurance		[2] *127*	[2] *96*	[2] *3*	[2] *2*	1	20	
Labor, total	**70**	**240**	**225**	**204**	**174**	**194**	**183**	**193**
Mediation and regulation of labor relations	4	6	20	20	17	11	8	12
Unemployment compensation and placement activities	63	88	116	120	144	161	156	163
Labor standards and training	2	141	83	57	5	11	10	12
Labor information, statistics, and general administration	1	5	6	6	8	11	8	6
General government, total	**560**	**349**	**665**	**955**	**950**	**1,361**	**1,499**	**1,170**
Legislative functions	15	16	18	19	23	28	32	34
Judicial functions	9	11	12	12	13	16	18	19
Executive direction and management	1	210	67	21	8	7	7	7
Federal financial management	110	223	299	322	397	415	416	378
Other central services	26	76	91	94	183	505	495	197
Government payment toward civilian employees' general retirement system	74	105	175	195	245	220	244	224
Interest on refunds of receipts	6	9	10	36	66	50	57	87
Other general government	317	[2] *303*	[2] 7	257	13	121	230	224
Interest on the public debt	941	1,813	2,610	3,622	4,747	4,958	5,188	5,352
Adjustment to daily Treasury statement basis	−63	−197	−360	+252	+1,077	+305	−388	+272
MEMORANDUM								
Capital transfers from expenditures to receipt accounts		10		16	38	210	263	802
Refunds of receipts (excluding interest)	61	70	257	1,679	2,973	3,006	2,272	2,838

[1] Expenditures for Army defense include some expenditures for support of Air Force financed from 1949 and prior year appropriations.

[2] Deduct, excess of repayments and collections over expenditures.

Source: Bureau of the Budget; the Budget of the United States Government, 1951.

No. 361.—Budget Appropriations and Other Authorizations for Federal Agencies, by Organization Unit: 1949

In millions of dollars. For year ending June 30. The Budget total of "appropriations and other authorizations" represents total of new authorizations enacted for any fiscal year for Federal agencies to incur obligations. This total includes "net new appropriations," "reappropriations," "contract authorizations," and "authorizations to expend from public debt receipts." "Net new appropriations" represent total of all appropriations less appropriations enacted to liquidate prior year contract authorizations. "Reappropriations" continue available in the succeeding fiscal year the unused balance of an appropriation which would otherwise expire for obligation purposes. "Contract authorizations" permit placement of specific obligations or contracts but require subsequent appropriations to "liquidate" them (i. e., to authorize withdrawal of funds from Treasury in payment of obligations). "Authorizations to expend from public debt receipts" authorize use of proceeds of Treasury borrowing to finance certain types of Government programs. See also general note, p. 304, and headnote to table 358]

ORGANIZATION UNIT	Appropriations	Deduct: appropriations to liquidate contract authorizations	Net appropriations	New contract authorizations	Authorizations to expend from public debt receipts	Reappropriations	Total appropriations and other authorizations
Total appropriations or other authorizations	**37,342**	**1,264**	**36,078**	**2,607**	**2,100**	**17**	**40,802**
Legislative branch	62		62			[1]	62
The Judiciary	21		21				21
Executive Office of the President	10		10				10
Funds appropriated to the President:							
Assistance to China	400		400				400
Assistance to Greece and Turkey	225		225				225
Care, handling, and disposal of surplus property abroad	18		18				18
Economic cooperation: Foreign assistance	5,074		5,074		1,000		6,074
International Children's Emergency Fund of the United Nations	35		35			7	42
Relief of Palestine refugees	12		12				12
Other	[1]						[1]
Independent offices:							
Atomic Energy Commission	622	360	262	400			662
Civil Service Commission	244		244				244
General Accounting Office	36		36				36
Interstate Commerce Commission	11		11				11
National Advisory Committee for Aeronautics	49	2	47	18			65
National Labor Relations Board	9		9				9
Office of the Housing Expediter	22		22				22
Philippine War Damage Commission	95		95				95
Railroad Retirement Board	653		653				653
Reconstruction Finance Corporation					[2] 550		[2] 550
Selective Service Commission	25		25				25
U. S. Maritime Commission	102		102	75			177
Veterans' Administration	5,963	202	5,761	43		1	5,805
Tennessee Valley Authority	30		30				30
Other	38		38	1			39
Federal Security Agency	1,381	40	1,341	116		[1]	1,457
General Services Administration	513	75	438	603		1	1,042
Housing and Home Finance Agency	131		131				131
Department of Agriculture	844	[1]	843	8	400	2	1,253
Department of Commerce	643	435	208	519		6	734
Department of Defense:							
Department of the Air Force	940		940				940
Department of the Army:							
Military functions	5,829	24	5,805	220			6,025
Civil functions	1,999		1,999		150		2,149
Department of the Navy	3,768	100	3,669	524			4,193
Office of the Secretary of Defense	7		7				7
Department of the Interior	516	26	490	53			543
Department of Justice	127		127				127
Department of Labor	15		15				15
Post Office Department (general fund)	527		527				527
Department of State	351		351	27			378
Treasury Department:							
Interest on the public debt	5,352		5,352				5,352
Other	628		628			[1]	628
District of Columbia (Federal contribution)	12		12				12

[1] Less than $500,000.
[2] Estimate based on increase in lending authority. Amount of authorization to borrow is indefinite.

Source: Bureau of the Budget; the Budget of the United States Government, 1951.

No. 362.—Federal Expenditures—Investment, Operating and Other Budget Expenditures: 1949 and 1950

[**In millions of dollars.** For years ending June 30. Based on existing and proposed legislation. For explanation of classification, see "Special Analysis" in *1951 Budget of the U. S. Government*, p. 1113]

DESCRIPTION AND CATEGORY	1949 actual	1950 estimate	DESCRIPTION AND CATEGORY	1949 actual	1950 estimate
Total budget expenditures	40,057	43,297	**Current expenses for aids and special services, total**	13,472	14,216
Additions to Federal assets, total	6,566	8,155	Agriculture	341	876
Loans, total	1,392	1,949	Direct Federal programs	286	808
To industry and financial institutions	42	199	Grants-in-aid	55	68
To agriculture	369	347	Business:		
To home owners	308	816	Direct Federal programs	773	825
To State and local governments	[1] 73	134	Labor	175	199
To foreign governments and international organizations	743	451	Direct Federal programs	34	32
Miscellaneous loans and claims	5	2	Grants-in-aid	140	167
Physical assets, total	5,174	6,207	Home owners and tenants	[1] 11	8
Public works—sites and direct construction	1,470	2,169	Direct Federal programs	[1] 14	[1] 1
Civil	1,307	1,854	Grants-in-aid	4	9
National defense	162	316	Veterans	5,549	5,694
Major commodity inventories—net change	1,808	1,501	Direct Federal programs	5,408	5,132
Civil (Agriculture price-support loans and inventories)	1,511	921	Payments to trust funds	117	549
National defense (stockpiling of strategic and critical materials)	299	580	Grants-in-aid	24	13
Major equipment:			General aids	1,091	1,318
National defense	1,723	2,375	Direct Federal programs	89	87
Other physical assets	174	161	Grants-in-aid	1,003	1,231
Civil	177	170	International aids	5,554	5,296
National defense	[1] 4	[1] 8	Relief, recovery, and economic development assistance	5,140	4,941
Expenditures for other developmental purposes, total	2,905	3,251	Military assistance	414	355
Physical assets (non-Federal)	721	998	**Other current operating expenses, total**	16,265	16,996
State and local assets	473	598	Repair, maintenance, and operation of physical assets (excl. special services)	3,799	3,558
Civil grants-in-aid	459	570	Civil	388	410
National defense	15	29	National defense	3,411	3,147
Private assets	248	400	Regulation and control	292	325
Education, training, and health	1,186	1,214	Economic regulation	155	177
Direct Federal programs	1,044	1,049	Other law enforcement	138	148
Grants-in-aid	143	166	General operation and administration	6,729	7,290
Research and development	940	964	Civil	1,155	1,265
Civil	210	285	National defense	5,574	6,026
National defense	730	679	Interest	5,444	5,822
Engineering and natural resource surveys	58	75	On the public debt	5,352	5,725
			Other interest	92	97
			Noncost payments	578	626
			Reserve for contingencies		50
			Adjustment to daily Treasury statement	+272	

[1] Deduct, excess of repayments and collections over expenditures.

Source: Bureau of the Budget; the Budget of the United States Government, 1951.

No. 363.—Internal Revenue Collections, by Principal Sources: 1926 to 1949

[**In millions of dollars.** For years ending June 30. Data differ from those in table 356 which represent deposits of these collections in Treasury or depositories during fiscal years concerned, there being thus an overlapping of time. See also *Historical Statistics*, series P 109-129]

TAX SOURCE	1926–30, average	1931–35, average	1936–40, average	1941–45, average	1946	1947	1948	1949
Internal revenue collections, total	2,894	2,315	4,871	25,342	40,672	39,108	41,865	40,463
Income and profits taxes:								
Individual income	983	512	1,013	9,721	18,705	19,343	20,998	18,052
Corporation income and profits [1]	1,239	606	1,098	9,452	12,554	9,676	10,174	11,554
Employment taxes			516	1,425	1,701	2,024	2,381	2,476
Alcohol taxes	17	146	576	1,444	2,526	2,475	2,255	2,211
Tobacco taxes	406	426	562	865	1,166	1,238	1,300	1,322
Estate and gift taxes	81	91	364	488	677	779	899	797
Manufacturers' excise taxes [2]	55	194	419	636	923	1,425	1,649	1,772
All other	112	340	323	1,310	2,422	2,147	2,207	2,281

[1] Includes munitions manufacturers' tax, excess profits on Army and Navy contracts, and unjust enrichment.
[2] Excludes taxes on soft drinks and, beginning 1933, taxes on adulterated, process or renovated butter, mixed flour, and filled cheese.

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.

No. 364.—Internal Revenue Collections, by Tax Sources in Detail: 1948 and 1949

[**In thousands of dollars.** For years ending June 30. Data differ from those in table 356, which represent deposits of these collections in Treasury or depositories, during fiscal years concerned, there being thus an overlapping of time. See also *Historical Statistics*, series P 109–129]

TYPE OF TAX	1948	1949
Grand total, all collections	**41,864,542**	**40,463,125**
Income and profits taxes, total	**31,172,191**	**29,605,491**
Individual income taxes, total	20,997,781	18,051,822
Withheld by employers	11,533,577	10,055,502
Other	9,464,204	7,996,320
Corporation income and profits taxes, total	10,174,410	11,553,669
Income tax	9,851,500	11,342,644
Excess profits taxes, total	322,910	211,025
Declared value (repealed)	17,643	16,233
Revenue Act of 1940 (repealed)	305,251	194,495
Army and Navy contracts	16	297
Employment taxes	2,381,342	2,476,113
Miscellaneous internal revenue, total	**8,311,009**	**8,381,521**
Capital stock tax (repealed)	1,723	6,138
Estate tax	822,380	735,781
Gift tax	76,965	60,757
Alcohol taxes, total	2,255,327	2,210,607
Distilled spirits (imported, excise)	109,965	121,773
Distilled spirits (domestic, excise)	1,326,268	1,276,181
Distilled spirits rectification tax	34,983	33,793
Wines, cordials, etc. (imported, excise)	2,533	2,448
Wines, cordials, etc. (domestic, excise)	58,429	63,334
Rectifiers; liquor dealers; manufactures of stills (special taxes)	9,500	9,973
Stamps for distilled spirits intended for export	7	6
Case stamps for distilled spirits bottled in bond	447	375
Container stamps	12,036	11,907
Floor taxes	43	20
Fermented malt liquors	697,097	686,368
Brewers; dealers in malt liquors (special taxes)	4,020	4,430
Tobacco taxes, total	1,300,280	1,321,875
Cigars (large and small)	46,752	45,590
Cigarettes (large and small)	1,208,204	1,232,735
Snuff	7,372	7,272
Tobacco (chewing and smoking)	37,024	35,435
Other	928	843
Stamp taxes	79,466	72,828
Manufacturers' excise taxes, total	1,649,234	1,771,533
Lubricating oils	80,887	81,760
Gasoline	478,638	503,647
Tires and tubes	159,284	150,899
Automobile trucks and busses	91,963	136,797
Miscellaneous internal revenue—Continued		
Manufacturers' excise taxes—Continued		
Other automobiles and motorcycles	270,958	332,812
Parts and accessories for automobiles	122,951	120,138
Electrical energy	69,701	79,347
Electric, gas, and oil appliances	87,858	80,935
Electric light bulbs and tubes	24,936	26,172
Radio sets, phonographs, components, etc.	67,267	49,160
Phonograph records	7,532	6,483
Musical instruments	10,573	9,293
Mechanical refrigerators, air-conditioners, etc.	58,473	77,833
Matches	10,610	8,738
Business and store machines	32,707	33,344
Photographic apparatus	43,935	43,140
Sporting goods	18,828	19,846
Firearms, shells, and cartridges	11,277	10,379
Pistols and revolvers	858	810
Retailers' excise taxes, total	469,923	449,211
Furs	79,539	61,946
Jewelry	217,899	210,688
Luggage	80,632	82,607
Toilet preparations	91,852	93,969
Miscellaneous taxes, total	1,655,711	1,752,792
Sugar	71,247	76,174
Telephone, telegraph, radio, cable, leased wires, etc.	275,255	311,380
Local telephone service	193,521	224,531
Transportation of oil by pipe line	18,773	19,325
Transportation of persons, seats, berths	246,323	251,389
Transportation of property	317,203	337,030
Leases of safe deposit boxes	9,081	9,461
Admissions to theaters, concerts, etc.	385,101	385,844
Admissions to cabarets, roof gardens, etc.	53,527	48,857
Club dues and initiation fees	25,499	27,790
Bowling alleys, pool tables, etc.	4,086	3,805
Coin-operated devices	19,271	21,088
Adulterated and processed or renovated butter, and filled cheese	20	21
Oleomargarine, including special taxes	9,806	17,541
Narcotics, including marihuana and special taxes	889	815
Coconut and other vegetable oils processed	25,704	17,460
Firearms transfer and occupational taxes	9	11
All other, including repealed taxes not listed above	396	273

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.

No. 365.—Internal Revenue Collections, by States and Territories: 1948 and 1949

[**In thousands of dollars.** For years ending June 30. See headnote, table 364. Tax receipts are credited to States in which collections made. Receipts in the various States do not indicate the tax burden of the respective States, since burden may eventually be borne by persons in other States]

Division, State, or Territory	Total [1]		Individual Income Taxes [2]		Corporation Income Taxes [3]		Employment Taxes	
	1948	1949	1948	1949	1948	1949	1948	1949
Total	**41,864,542**	**40,463,125**	**20,997,781**	**18,051,822**	**10,174,410**	**11,553,669**	**2,381,342**	**2,476,113**
New England	**2,511,349**	**2,319,197**	**1,444,664**	**1,187,242**	**611,862**	**658,936**	**152,123**	**155,193**
Maine	130,747	117,543	68,953	56,795	42,912	41,197	9,403	9,808
New Hampshire	85,444	71,510	51,505	40,836	21,430	17,558	5,500	5,432
Vermont	46,901	40,727	27,949	22,201	10,395	9,877	3,947	4,103
Massachusetts	1,347,084	1,232,003	786,027	634,843	314,759	349,052	77,823	79,733
Rhode Island	236,234	214,835	123,303	102,476	79,751	79,806	11,855	12,107
Connecticut	664,939	642,578	386,927	330,092	142,615	161,446	43,595	44,010
Middle Atlantic	**12,470,527**	**11,791,713**	**6,178,528**	**5,261,570**	**3,455,337**	**3,747,329**	**744,034**	**767,851**
New York	7,975,514	7,427,221	3,858,275	3,230,826	2,460,748	2,581,518	437,687	448,137
New Jersey	1,272,224	1,151,060	681,014	575,744	312,575	294,444	63,776	67,704
Pennsylvania	3,222,789	3,213,432	1,639,238	1,454,999	682,014	871,367	242,571	252,010
East North Central	**10,515,226**	**10,499,430**	**4,913,330**	**4,240,730**	**2,738,681**	**3,303,399**	**601,074**	**620,718**
Ohio	2,665,707	2,626,292	1,237,268	1,072,442	778,178	911,658	161,823	163,884
Indiana	1,011,921	950,548	410,185	339,716	189,349	208,979	35,997	38,142
Illinois	3,785,815	3,569,842	1,851,957	1,563,427	997,787	1,109,452	244,410	251,211
Michigan	2,252,281	2,564,512	1,015,692	919,605	561,040	830,475	119,554	125,952
Wisconsin	799,502	788,235	398,228	345,539	212,327	242,836	39,290	41,530
West North Central	**3,143,018**	**2,976,125**	**1,688,611**	**1,422,564**	**718,865**	**792,763**	**212,094**	**223,354**
Minnesota	706,239	669,016	363,912	317,795	182,922	196,810	55,767	59,220
Iowa	446,800	407,948	291,576	230,573	75,662	81,722	17,094	18,423
Missouri	1,114,994	1,095,204	525,565	443,848	319,924	366,035	78,640	82,387
North Dakota	69,240	61,694	57,452	47,561	6,556	8,251	1,842	2,199
South Dakota	76,212	64,148	60,543	46,436	7,494	9,367	2,154	2,434
Nebraska	323,448	276,249	178,499	146,145	48,759	49,591	27,881	28,619
Kansas	406,085	401,868	211,065	190,206	77,547	80,988	28,716	30,072
South Atlantic	**4,738,368**	**4,505,036**	**1,959,111**	**1,675,683**	**978,898**	**1,057,125**	**230,007**	**240,748**
Delaware	308,241	306,168	114,753	103,941	169,410	179,182	10,527	10,495
Maryland	751,956	1,068,127	384,809	600,437	107,250	166,632	42,181	74,995
Dist. of Columbia	394,274	[4]	294,230	[4]	37,401	[4]	31,063	[4]
Virginia	768,646	770,286	243,118	208,035	131,700	143,711	39,437	41,637
West Virginia	236,727	242,681	133,493	118,327	67,710	85,184	15,168	16,328
North Carolina	1,238,662	1,166,669	228,021	191,718	187,891	195,382	34,454	36,579
South Carolina	207,472	205,014	93,566	77,791	90,476	101,408	11,306	12,288
Georgia	439,034	403,532	226,045	180,646	116,764	114,686	25,926	27,546
Florida	393,356	342,558	241,075	194,788	70,296	70,940	20,034	20,881
East South Central	**1,523,401**	**1,505,740**	**604,510**	**509,498**	**288,132**	**314,141**	**78,495**	**82,034**
Kentucky	780,530	812,290	174,532	148,496	93,099	105,979	26,644	27,607
Tennessee	359,088	333,226	201,622	169,096	97,932	102,100	23,363	24,529
Alabama	276,944	259,491	161,125	132,989	73,507	80,272	22,285	22,966
Mississippi	106,838	100,732	67,231	58,916	23,593	25,789	6,203	6,932
West South Central	**2,129,633**	**2,273,153**	**1,201,766**	**1,169,022**	**504,653**	**660,037**	**112,064**	**124,593**
Arkansas	121,751	115,873	75,801	66,459	28,376	32,181	6,382	6,917
Louisiana	354,272	357,363	178,181	168,900	97,082	104,624	16,763	18,317
Oklahoma	368,486	418,751	180,831	178,578	91,546	140,582	15,852	18,150
Texas	1,285,123	1,381,166	766,953	755,086	287,649	382,649	73,068	81,209
Mountain	**769,109**	**737,510**	**493,515**	**432,331**	**142,125**	**160,959**	**38,864**	**42,290**
Montana	85,184	78,914	58,690	52,069	15,947	16,390	3,193	3,605
Idaho	79,869	76,406	55,510	47,072	14,604	19,274	4,106	4,623
Wyoming	38,988	38,842	28,549	26,692	5,109	6,505	1,556	1,784
Colorado	291,849	276,982	166,098	140,078	61,896	65,433	15,976	17,036
New Mexico	55,320	55,379	41,928	39,960	6,406	7,482	2,622	3,034
Arizona	83,814	82,128	59,176	54,254	12,763	15,335	4,210	4,595
Utah	92,246	90,736	53,669	46,030	19,472	24,648	5,619	6,000
Nevada	41,839	38,123	29,894	26,177	5,930	5,894	1,581	1,612
Pacific	**3,934,758**	**3,743,532**	**2,423,595**	**2,081,458**	**716,717**	**837,682**	**206,955**	**214,045**
Washington	514,235	488,804	331,234	286,575	109,641	125,474	24,847	26,355
Oregon	316,844	298,819	210,466	181,021	67,157	76,259	17,622	18,519
California	3,103,679	2,955,910	1,881,895	1,613,861	539,918	635,950	164,487	169,171
Alaska	18,891	18,226	14,929	14,206	1,247	1,474	942	828
Hawaii	108,178	91,203	75,179	57,485	17,894	19,824	4,599	4,457
Puerto Rico	2,086	2,260	43	32				2

[1] Includes miscellaneous taxes in the following amounts: 1948, $8,311,009,000; 1949, $8,381,521,000.
[2] Includes taxes withheld on salaries and wages.
[3] Includes excess profits taxes.
[4] Separate collections for the District of Columbia are no longer available.

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.

No. 366.—Effective Rates of Individual Income Tax Under Revenue Acts of 1913–48, for Selected Income Groups

[In percent. Maximum earned net income assumed]

Revenue act	Income year	Single person, no dependent, with net income—									
		$600	$1,000	$2,000	$3,000	$5,000	$8,000	$10,000	$25,000	$100,000	$500,000
1913	3/1/13–12/31/15	------	------	------	------	0.4	0.6	0.7	1.1	2.5	5.0
1916	1916	------	------	------	------	.8	1.3	1.4	2.0	3.9	8.6
1917	1917	------	------	1.0	1.3	2.4	3.4	4.0	7.3	16.2	38.5
1918	1918	------	------	3.0	4.0	4.8	8.1	9.5	15.4	35.2	64.6
	1919–1920	------	------	2.0	2.7	3.2	5.6	6.7	11.8	31.3	60.7
1921	1921	------	------	2.0	2.7	3.2	5.6	6.7	11.8	31.3	60.7
	1922	------	------	2.0	2.7	3.2	5.3	6.0	10.6	30.2	52.1
	1923	------	------	1.5	2.0	2.4	3.9	4.5	7.9	22.7	39.1
1924	1924	------	------	.8	1.0	1.2	1.9	2.3	6.5	22.7	39.9
1926	1925–1927	------	------	.3	.6	.8	1.3	1.5	4.9	16.1	23.2
1928	1928, 1930–1931	------	------	.3	.6	.8	1.3	1.5	4.4	15.8	23.2
	1929	------	------	.1	.2	.3	.7	.9	3.7	14.9	22.2
1932	1932–1933	------	------	2.0	2.7	3.2	5.3	6.0	10.6	30.2	52.7
1934	1934–1935	------	------	1.6	2.3	2.8	4.7	5.6	11.2	31.4	53.0
1936, 1938	1936–1939	------	------	1.6	2.3	2.8	4.7	5.6	11.2	33.4	61.0
1940	1940 [1]	------	.4	2.2	2.8	3.4	5.6	6.9	17.0	44.3	66.2
1941	1941	------	2.1	5.9	7.4	9.7	12.9	14.9	28.9	53.2	69.1
1942	1942 [2]	2.5	8.9	13.7	15.7	18.4	21.8	23.9	38.5	64.6	82.9
	1943 [2 3]	2.8	10.7	16.7	19.1	22.1	25.7	27.8	42.6	69.7	88.4
1944 [4]	1944–1945	3.8	11.5	17.3	19.5	22.1	25.4	27.6	42.4	69.9	88.9
1945	1946–1947	3.2	9.5	14.3	16.2	18.4	21.5	23.5	37.5	63.5	81.6
1948	1948	------	6.6	11.6	13.6	16.2	19.3	21.2	34.4	58.8	[5] 77.0

Revenue act	Income year	Married person, no dependent, with net income—									
		$600	$1,000	$2,000	$3,000	$5,000	$8,000	$10,000	$25,000	$100,000	$500,000
1913	3/1/13–12/31/15	------	------	------	------	0.2	0.5	0.6	1.0	2.5	5.0
1916	1916	------	------	------	------	.4	1.0	1.2	1.9	3.9	8.6
1917	1917	------	------	------	.7	1.6	2.9	3.6	7.1	16.2	38.5
1918	1918	------	------	------	2.0	3.6	6.6	8.3	14.9	35.0	64.6
	1919–1920	------	------	------	1.3	2.4	4.6	5.9	11.5	31.2	60.6
1921	1921	------	------	------	.7	2.0	4.6	5.9	11.5	31.2	60.6
	1922	------	------	------	.7	2.0	4.3	5.2	10.2	30.1	52.1
	1923	------	------	------	.5	1.5	3.2	3.9	7.7	22.6	39.1
1924	1924	------	------	------	.3	.8	1.3	1.7	6.3	22.6	39.9
1926	1925–1927	------	------	------	------	.3	.7	1.0	4.6	16.1	23.2
1928	1928, 1930–1931	------	------	------	------	.3	.7	1.0	4.1	15.8	23.2
	1929	------	------	------	------	.1	.3	.5	3.5	14.9	22.2
1932	1932–1933	------	------	------	.7	2.0	3.8	4.8	10.1	30.1	52.7
1934	1934–1935	------	------	------	.3	1.6	3.1	4.2	10.0	30.6	52.8
1936, 1938	1936–1939	------	------	------	.3	1.6	3.1	4.2	10.0	32.5	60.8
1940	1940 [1]	------	------	------	1.0	2.2	4.0	5.3	15.4	43.5	66.0
1941	1941	------	------	2.1	4.6	7.5	10.9	13.1	27.5	52.7	69.0
1942	1942 [2]	------	------	7.0	10.8	14.9	19.2	21.5	36.9	64.1	82.8
	1943 [2 3]	.2	1.5	9.4	13.5	17.9	22.3	24.7	40.1	68.6	88.1
1944 [4]	1944–1945	.5	1.5	12.3	15.8	19.5	23.6	25.9	41.2	69.4	88.8
1945	1946–1947	------	------	9.5	12.7	16.0	19.7	21.9	36.3	63.1	81.5
1948	1948 [6]	------	------	6.6	10.0	12.6	15.1	16.2	23.5	46.4	71.9

See footnotes at end of table.

No. 366.—Effective Rates of Individual Income Tax Under Revenue Acts of 1913–48, for Selected Income Groups—Continued

[In percent. Maximum earned net income assumed]

Revenue act	Income year	Married person, 2 dependents, with net income—									
		$600	$1,000	$2,000	$3,000	$5,000	$8,000	$10,000	$25,000	$100,000	$500,000
1913	3/1/13–12/31/15	------	------	------	------	0.2	0.5	0.6	1.0	2.5	5.0
1916	1916	------	------	------	------	.4	1.0	1.2	1.9	3.9	8.6
1917	1917	------	------	------	.4	1.3	2.7	3.4	7.1	16 2	38.5
1918	1918	------	------	------	1.2	3.1	6.0	7.8	14.7	35.0	64.6
	1919–1920	------	------	------	.8	2.1	4.2	5.6	11.4	31.2	60.6
1921	1921	------	------	------	------	1.4	3.3	5.3	11.3	31.1	60.6
	1922	------	------	------	------	1.4	3.5	4.6	10.0	30.1	52.1
	1923	------	------	------	------	1.0	2.6	3.4	7.5	22 6	39 1
1924	1924	------	------	------	------	.5	1.0	1.4	6.1	22.5	39.9
1926	1925 1927	------	------	------	------	.2	.5	.8	4.5	16 0	23.2
1928	1928, 1930–1931	------	------	------	------	.2	.5	.8	4.0	15.7	23.2
	1929	------	------	------	------	.1	.2	.4	3.4	14.9	22.2
1932	1932–1933	------	------	------	------	1.4	3.0	4.2	9.8	30.0	52.7
1934	1934–1935	------	------	------	------	1.0	2.3	3.4	9.3	30.2	52.7
1936, 1938	1936–1939	------	------	------	------	1.0	2.3	3.4	9.3	32 0	60.7
1940	1940 [1]	------	------	------	------	1.5	3 1	4.4	14.3	42.9	65 9
1941	1941	------	------	------	1.9	5.4	9 0	11 2	25.9	52 2	68 9
1942	1942 [2]	------	------	.7	6.4	11.8	16.5	19.1	35 3	63.5	82 7
	1943 [2 3]	.2	1.4	2 9	8 9	14 6	19 4	22 1	38.3	67 8	88 0
1944 [4]	1944–1945	.5	1.5	2.3	9 2	15 1	19.8	22.5	38.8	68.6	88.6
1945	1946–1947	------	------	------	6.3	11.8	16.2	18.6	34.1	62.3	81.3
1948	1948 [6]	------	------	------	3.3	8.6	12.2	13.6	21.9	45 6	71.7

[1] Includes defense tax.
[2] Tax liabilities for 1942 and 1943 unadjusted for transition to current payment basis.
[3] Includes net Victory tax. Computed by assuming that deductions are 10 percent of Victory tax net income; i. e., that Victory tax net income is ten-ninths of selected net income.
[4] Individual Income Tax Act of 1944.
[5] Taking into account maximum effective rate limitation of 77 percent.
[6] Split income basis.

Source: Treasury Department, Bureau of Internal Revenue.

No. 367.—Individual Income Tax Liability Under Revenue Acts of 1913–48, for Selected Income Groups

[Maximum earned net income assumed]

Revenue act	Income year	Single person, no dependent, with net income—									
		$600	$1,000	$2,000	$3,000	$5,000	$8,000	$10,000	$25,000	$100,000	$500,000
1913	3/1/13–12/31/15	------	------	------	------	$20	$50	$70	$270	$2,520	$25,020
1916	1916	------	------	------	------	40	100	140	490	3,940	42,940
1917	1917	------	------	$20	$40	120	275	395	1,820	16,220	192,720
1918	1918	------	------	60	120	240	650	950	3,840	35,150	323,150
	1919–20	------	------	40	80	160	450	670	2,960	31,270	303,270
1921	1921	------	------	40	80	160	450	670	2,960	31,270	303,270
	1922	------	------	40	80	160	400	600	2,640	30,220	260,720
	1923	------	------	30	60	120	315	450	1,980	22,665	195,540
1924	1924	------	------	15	30	60	150	225	1,635	22,645	199,645
1926	1925–1927	------	------	6	17	40	101	154	1,234	16,134	116,134
1928	1928, 1930–1931	------	------	6	17	40	101	154	1,099	15,844	115,844
	1929	------	------	2	6	13	52	90	922	14,930	110,930
1932	1932–1933	------	------	40	80	160	420	600	2,640	30,220	263,720
1934	1934–1935	------	------	32	68	140	378	560	2,804	31,404	264,844
1936, 1938	1936–1939	------	------	32	68	140	378	560	2,804	33,354	305,224
1940	1940 [1]	------	$4	44	84	172	449	686	4,253	44,268	330,933
1941	1941	------	21	117	221	483	1,031	1,493	7,224	53,214	345,654
1942	1942 [2]	$15	89	273	472	920	1,742	2,390	9,626	64,641	414,616
	1943 [2 3]	17	107	333	574	1,105	2,052	2,783	10,644	69,665	441,863
1944 [4]	1944–1945	23	115	345	585	1,105	2,035	2,755	10,590	69,870	444,350
1945	1946–1947	19	95	285	485	922	1,720	2,347	9,362	63,541	407,897
1948	1948	------	66	232	409	811	1,546	2,124	8,600	58,762	[5] 385,000

See footnotes at end of table.

No. 367.—Individual Income Tax Liability Under Revenue Acts of 1913–48, for Selected Income Groups—Continued

[Maximum earned net income assumed]

Revenue act	Income year	Married person, no dependent, with net income—									
		$600	$1,000	$2,000	$3,000	$5,000	$8,000	$10,000	$25,000	$100,000	$500,000
1913	3/1/13–12/31/15	------	------	------	------	$10	$40	$60	$260	$2,510	$25,010
1916	1916	------	------	------	------	20	80	120	470	3,920	42,920
1917	1917	------	------	------	$20	80	235	355	1,780	16,180	192,680
1918	1918	------	------	------	60	180	530	830	3,720	35,030	323,030
	1919–1920	------	------	------	40	120	370	590	2,880	31,190	303,190
1921	1921	------	------	------	20	100	370	590	2,880	31,190	303,190
	1922	------	------	------	20	100	340	520	2,560	30,140	260,640
	1923	------	------	------	15	75	255	390	1,920	22,605	195,480
1924	1924	------	------	------	8	38	105	165	1,565	22,575	199,575
1926	1925–1927	------	------	------	------	17	56	101	1,159	16,059	116,059
1928	1928, 1930–1931	------	------	------	------	17	56	101	1,024	15,769	115,769
	1929	------	------	------	------	6	22	52	862	14,870	110,870
1932	1932–1933	------	------	------	20	100	300	480	2,520	30,100	263,600
1934	1934–1935	------	------	------	8	80	248	415	2,489	30,594	263,944
1936, 1938	1936–1939	------	------	------	8	80	248	415	2,489	32,469	304,144
1940	1940 [1]	------	------	------	31	110	317	528	3,843	43,476	330,156
1941	1941	------	------	$42	138	375	873	1,305	6,864	52,704	345,084
1942	1942 [2]	------	------	140	324	746	1,532	2,152	9,220	64,060	414,000
	1943 [2 3]	$1	$15	188	405	894	1,780	2,467	10,035	68,584	440,747
1944 [4]	1944–1945	3	15	245	475	975	1,885	2,585	10,295	69,435	443,895
1945	1946–1947	------	------	190	380	798	1,577	2,185	9,082	63,128	407,465
1948	1948 [6]	------	------	133	299	631	1,206	1,621	5,877	46,403	359,662
		Married person, two dependents, with net income—									
		$600	$1,000	$2,000	$3,000	$5,000	$8,000	$10,000	$25,000	$100,000	$500,000
1913	3/1/13–12/31/15	------	------	------	------	$10	$40	$60	$260	$2,510	$25,010
1916	1916	------	------	------	------	20	80	120	470	3,920	42,920
1917	1917	------	------	------	$12	64	219	339	1,764	16,164	192,664
1918	1918	------	------	------	36	156	482	782	3,672	34,982	322,982
	1919–1920	------	------	------	24	104	338	558	2,848	31,158	303,158
1921	1921	------	------	------	------	68	266	526	2,816	31,126	303,126
	1922	------	------	------	------	68	276	456	2,496	30,076	260,576
	1923	------	------	------	------	51	207	342	1,872	22,557	195,432
1924	1924	------	------	------	------	26	81	141	1,525	22,535	199,535
1926	1925–1927	------	------	------	------	8	42	83	1,129	16,029	116,029
1928	1928, 1930–1931	------	------	------	------	8	42	83	994	15,739	115,739
	1929	------	------	------	------	3	14	40	838	14,846	110,846
1932	1932–1933	------	------	------	------	68	236	416	2,456	30,036	263,536
1934	1934–1935	------	------	------	------	48	184	343	2,327	30,162	263,464
1936, 1938	1936–1939	------	------	------	------	48	184	343	2,327	31,997	303,568
1940	1940 [1]	------	------	------	------	75	246	440	3,571	42,948	329,637
1941	1941	------	------	------	58	271	717	1,117	6,480	52,160	344,476
1942	1942 [2]	------	------	$13	191	592	1,322	1,914	8,814	63,479	413,384
	1943 [2 3]	$1	$14	58	267	730	1,553	2,208	9,574	67,803	439,931
1944 [4]	1944–1945	3	15	45	275	755	1,585	2,245	9,705	68,565	442,985
1945	1946–1947	------	------	------	190	589	1,292	1,862	8,522	62,301	406,600
1948	1948 [6]	------	------	------	100	432	974	1,361	5,476	45,643	358,677

[1] Includes defense tax.
[2] Tax liabilities for 1942 and 1943 unadjusted for transition to current payment basis.
[3] Includes net Victory tax. Computed by assuming that deductions are 10 percent of Victory tax net income; i. e., that Victory tax net income is ten-ninths of selected net income.
[4] Individual Income Tax Act of 1944.
[5] Taking into account maximum effective rate limitation of 77 percent.
[6] Split income basis.

Source: Treasury Department, Bureau of Internal Revenue.

No. 368.—Individual and Taxable Fiduciary Income Tax Returns—Summary: 1925 to 1947

[Includes data for Alaska, District of Columbia, and Hawaii; based on returns as filed, unaudited except to insure proper execution. Under revenue laws, the filing requirements applicable to individuals (citizens or residents of the United States), for the years tabulated below, are as follows: (1) Single, or married and not living with husband or wife: for 1925 and 1930, net income of $1,500 or over; 1935, $1,000 or over; and for 1940, gross income of $800 or over; (2) Married and living with husband or wife: for 1925 and 1930, combined net income of $3,500 or over; 1935, $2,500 or over; and for 1940, combined gross income of $2,000 or over; (3) For 1944–47, every individual with gross income of $500 or over; for refund purposes, returns are also required with respect to gross incomes under $500 from which taxes have been withheld. (For 1925–35, returns are required to be filed by individuals having gross income of $5,000 or over if single, or married and not living with husband or wife; or having combined gross income of $5,000 or over if married and living with husband or wife; regardless of net income.) *Data for returns showing no net income or no adjusted gross income, filed in accordance with these provisions, are not included in statistics given here.* Fiduciaries are required to file returns on same basis as single individuals except that a return is required for every estate or trust of which any beneficiary is a nonresident alien and, beginning 1938, for every trust having net income of $100 or over. Partnership net profit or net loss is reported on individual returns of copartners according to their shares. See also *Historical Statistics*, series P 144–147]

ITEM	1925	1930	1935	1940	1944	1945	1946 (prel.)	1947 (prel.)
Number of returns, total [1] thousands	4,171	3,708	4,575	14,665	46,920	49,751	52,600	54,800
Taxable do	2,501	2,038	2,111	7,505	42,354	42,651	37,916	41,579
Nontaxable do	1,670	1,670	2,464	7,161	4,565	7,100	14,685	13,221
Net income or adjusted gross income [2] millions of dollars	21,895	18,119	14,910	36,589	116,715	120,301	134,330	150,295
Total tax [3] do	735	477	657	[4] 1,496	16,216	17,050	16,076	18,076
Average per return: [5]								
Income	$5,249	$4,887	$3,259	$2,495	$2,488	$2,418	$2,554	$2,743
Tax	$176	$129	$144	$102	$346	$343	$306	$330
Tax per capita of total population [5]	$6.35	$3.87	$5.14	$11.32	$117	$122	$113	$126
Percent of population filing returns [5]	3.60	3.01	3.58	11.10	33.85	35.54	37.08	38.05
Taxable fiduciary returns: [1]								
Number thousands	(1)	(1)	(1)	(1)	92	114	122	110
Total income millions of dollars					656	857	1,066	974
Total tax do					131	176	205	173

[1] Taxable fiduciary returns included with individual returns through 1940, shown separately thereafter.

[2] *Net income, tabulated for years prior to 1944*, is total income less statutory deductions, but before deduction of exemption or credits allowable in computing amount subject to tax. *Adjusted gross income, tabulated for 1944–47*, is defined as gross income minus allowable trade and business deductions, expenses of travel and lodging in connection with employment, reimbursed expenses in connection with employment, deductions attributable to rents and royalties, certain deductions of life tenants and income beneficiaries of property held in trust, and allowable losses from sales of property.

[3] Tax tabulated for 1940 and prior years is before deduction of credits for tax paid at source and tax paid to a foreign country or possession of United States, while tax for 1944–47 is after deduction of such credits.

[4] Includes defense tax.

[5] For individual returns only, 1944 and later years.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

No. 369.—Individual and Taxable Fiduciary Income Tax Returns—Analysis: 1943 to 1947

[Money figures, except as indicated, in millions of dollars. See headnote, table 368. See also *Historical Statistics*, series P 144, 146, and 147]

DISTRIBUTION	1943	1944	1945	1946 (Preliminary)	1947 (preliminary)		
					Total	Individual	Fiduciary
Adjusted gross income [1]	106,617	117,370	121,158	135,396	151,269	150,295	974
Salaries, wages, commissions, etc.[2]	82,714	91,095	91,658	99,134	114,737	114,737	
Dividends, domestic and foreign [3]	3,070			4,147	4,775	4,278	497
Interest received from: [4]							
Partially tax-exempt Govt. obligations	85	4,295	4,360	1,182	1,210	1,115	95
Taxable Government obligations	76						
Bank deposits, notes, etc	797						
Rents and royalties: [5]							
Net profit	1,846	1,831	1,837	1,993	2,304	2,201	103
Net loss	157	158	178	194	229	227	2
Business and profession: [6]							
Net profit	11,064	12,126	12,611	16,055	16,421	16,370	51
Net loss	214	301	351	444	524	522	2
Partnership. [7]							
Net profit	5,138	5,817	7,258	8,141	8,288	8,232	56
Net loss	42	57	87	109	153	152	1
Sales or exchanges of capital assets: [8]							
Net gain	882	1,223	2,475	3,551	2,558	2,411	147
Net loss	193	215	183	235	283	279	4
Sales or exchanges of property other than capital assets: [9]							
Net gain	78	66	65	123	100	98	2
Net loss	75	74	71	68	68	67	1
Annuities and pensions [10]	125	180	195	232	226	226	
Income from estates and trusts [11]	834	930	956	1,120	1,239	1,227	12
Miscellaneous income [12]	591	612	612	767	666	646	20
Total tax	14,589	16,347	17,226	16,281	18,249	18,076	173
Number of returns (thousands)	43,602	47,012	49,865	52,722	54,910	54,800	110
Average adjusted gross income per return	$2,449	$2,497	$2,430	$2,568	$2,755	$2,743	$8,855
Average tax per return	$335	$348	$345	$309	$332	$330	$1,573

[1] Adjusted gross income shown for 1943 is total income less net losses from rents and royalties, from business and profession, from partnerships, and from sales or exchanges of property; for 1944–47, see note 2, table 368.

[2] Salaries, wages, etc., include annuities, pensions, and retirement pay not reported in schedule for annuities and pensions, but for 1944–47 exclude wages of less than $100 per annum from which no tax is withheld, reported on Form W–2. (See note 12.)

[3] Dividends received exclude those received through partnerships and fiduciaries; for 1943 exclude those reported on Form 1040A, and for 1944–47 exclude those reported on Form W–2. (See note 12.)

[4] Interest received excludes that reported on Form 1040A for 1943 and on Form W–2 for 1944–47. (See note 12.) Partially tax-exempt interest consists of amounts received directly, or through partnerships and fiduciaries, on certain Government obligations issued prior to Mar. 1, 1941, and dividends on Federal savings and loan association shares issued prior to Mar. 28, 1942. Taxable interest, Government and other, excludes that received through partnerships and fiduciaries, except that on fiduciary returns taxable interest on Government obligations includes that received through partnerships and fiduciaries.

[5] Net profit from rents and royalties is excess of gross rents over depreciation, repairs, interest, taxes, and other rent expenses and excess of gross royalties over depletion and other royalty expenses. Conversely, net loss from these sources is excess of expenses over gross receipts.

[6] Net profit from business is excess of gross receipts over business expenses and, for 1944–47, net operating loss deduction due to net operating loss from business, partnership, and common trust funds for two preceding years. Conversely, net loss from business is excess of business expenses and, for 1944–47, net operating loss deduction over gross receipts from business.

[7] Partnership profit or loss excludes partially tax-exempt interest on Government obligations, dividends on Federal savings and loan association shares issued prior to Mar. 28, 1942, and net gain or loss from sales of capital assets. In computing partnership profit or loss, charitable contributions are not deductible nor is the net operating loss deduction allowed.

[8] Capital assets consist of all property held by taxpayer *other than* (1) stock in trade or other property held primarily for sale to customers, or (2) kinds of property specified in note 9. Net gain or loss reported is a combination of current year capital gains and losses to be taken into account (including those from partnerships or common trust funds in which taxpayer participates) and capital loss carry-over from the years 1942–46, inclusive, not previously deducted. Allowable net loss is limited to amount of such loss, or to net income (adjusted gross income if taxed under Supplement T in 1944–47) computed without regard to gains and losses from sales of capital assets, or to $1,000, whichever is smallest. For details as to portion of gains and losses taken into account, description of capital loss carry-over, and special treatment of certain gains and losses, see Statistics of Income, Part 1.

[9] Sales of (1) property used in trade or business of a character which is subject to allowance for depreciation, (2) Government obligations issued on or after Mar. 1, 1941, on a discount basis and payable, without interest, within 1 year from issue, and (3) for 1943–47 also includes real property used in trade or business.

[10] Income shown from annuities and pensions is only the taxable portion of amounts received. Amounts received to extent of 3 percent of cost are reported annually, until aggregate of amounts received and excluded from income equals cost. Thereafter, entire amounts received are taxable and must be included in income. For 1943, excludes annuities reported on Form 1040A (see note 12); for 1944–47, annuities, pensions, and retirement pay from which tax is withheld may be reported as salaries and wages.

[11] Income from estates and trusts excludes partially tax-exempt interest on Government obligations and dividends on Federal savings and loan association shares issued prior to Mar. 28, 1942. Such income is reported in partially tax-exempt interest.

[12] Miscellaneous income includes all taxable income not accounted for elsewhere in this table; also includes for 1943, dividends, interest, and annuities reported on Form 1040A, and for 1944–47 wages not subject to withholding, dividends, and interest, not exceeding in total $100 per return reported on Form W–2.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

No. 370.—Individual Income Tax Returns, by Adjusted Gross Income Classes: 1946 and 1947

[**Money figures in thousands of dollars.** Data are preliminary. See headnote, table 368]

ADJUSTED GROSS INCOME CLASS (Thousands of dollars)	NUMBER OF RETURNS		ADJUSTED GROSS INCOME [1]		TOTAL TAX		EFFECTIVE TAX RATE, PERCENT	
	1946	1947	1946	1947	1946	1947	1946	1947
Total	**52,600,470**	**54,799,936**	**134,330,006**	**150,295,275**	**16,075,913**	**18,076,281**	**11.97**	**12.03**
Under 0.5	4,716,303	4,315,873	1,295,218	1,169,815				
0.5 under 1	6,174,202	5,437,964	4,652,820	4,098,033	112,705	99,608	2.42	2.43
1 under 1.5	7,259,343	6,363,078	9,107,885	7,970,953	432,817	387,787	4.75	4.87
1.5 under 2	7,894,044	7,357,596	13,818,825	12,892,953	848,468	844,726	6.14	6.55
2 under 2.5	7,430,633	7,606,050	16,660,568	17,088,079	1,142,625	1,291,807	6.86	7.56
2.5 under 3	6,021,035	6,846,245	16,467,266	18,780,176	1,227,337	1,510,628	7.45	8.04
3 under 4	7,036,187	9,162,536	24,113,899	31,476,430	2,099,586	2,767,106	8.71	8.79
4 under 5	2,796,585	3,886,687	12,380,802	17,229,570	1,277,523	1,761,421	10.32	10.22
5 under 10	2,331,853	2,837,585	15,288,504	18,433,619	2,160,867	2,550,665	14.13	13.84
10 under 15	452,271	486,961	5,460,356	5,870,665	1,105,837	1,172,385	20.25	19.97
15 under 20	192,540	201,300	3,306,371	3,455,452	824,524	850,451	24.94	24.61
20 under 25	100,361	102,386	2,232,572	2,276,347	652,023	656,648	29.21	28.85
25 under 50	145,231	146,782	4,885,091	4,923,479	1,800,013	1,788,766	36.85	36.33
50 under 100	39,101	38,049	2,593,410	2,525,752	1,223,315	1,186,450	47.17	46.97
100 under 150	6,373	6,353	761,223	759,938	410,973	411,090	53.99	54.10
150 under 300	3,339	3,417	660,887	678,000	376,701	394,900	57.00	58.24
300 under 500	652	658	243,268	249,255	142,808	147,832	58.70	59.31
500 under 1,000	323	302	216,896	201,811	127,671	122,749	58.86	60.82
1,000 and over	94	114	184,145	214,946	110,117	131,263	59.80	61.07

[1] See note 2, table 368.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

No. 371.—Individual Income Tax Returns, by Family Relationship: 1942 to 1947

[**Money figures in thousands of dollars.** See headnote, table 368]

FAMILY RELATIONSHIP	1942	1943	1944	1945	1946 [1]	1947 [1]
Number of returns	**36,456,110**	**43,506,553**	**46,919,590**	**49,750,991**	**52,600,470**	**54,799,936**
Joint returns of husbands and wives	20,230,892	22,231,629	24,042,777	24,586,056	26,332,777	26,010,512
Separate returns of husbands and wives:						
Men [2]	988,890	1,778,379	1,828,559	1,932,840	2,062,824	2,542,288
Women [2]	1,100,643	2,042,144	2,037,356	1,993,196	2,041,965	2,690,948
Separate community property returns:						
Men [2]	380,314	955,929	632,924	1,029,782	1,055,873	1,594,446
Women [2]	376,134	936,666	642,285	995,066	989,978	1,643,794
Heads of families 1942–43:						
Men [3]	1,360,991	1,268,241				
Women [3]	1,140,781	1,558,534				
Not heads of families 1942–43, and returns of single persons 1944–47:						
Men [3]	5,326,465	5,421,119	7,489,589	8,790,401	10,581,162	10,767,013
Women [3]	5,551,000	7,313,912	10,246,100	10,423,650	9,535,891	9,550,935
Net income (1942–43); adjusted gross income (1944–47) [4]	**78,589,729**	**99,209,862**	**116,714,736**	**120,301,131**	**134,330,006**	**150,295,275**
Joint returns of husbands and wives	48,818,442	57,323,889	68,814,105	68,726,636	77,003,356	82,321,452
Separate returns of husbands and wives:						
Men	4,859,582	7,723,044	8,932,900	9,405,380	10,672,264	12,202,471
Women	2,160,896	3,838,856	4,516,423	4,541,274	5,121,373	6,190,606
Separate community property returns:						
Men	1,525,680	3,279,514	2,663,921	4,050,276	4,574,918	7,117,655
Women	1,457,142	3,167,591	2,586,072	3,735,452	4,246,183	5,979,593
Heads of families 1942–43:						
Men [3]	2,720,801	2,836,538				
Women [3]	1,707,977	2,519,820				
Not heads of families 1942–43 and returns of single persons 1944–47:						
Men [3]	8,397,631	8,808,275	14,035,945	14,526,588	17,759,551	20,266,550
Women [3]	6,941,577	9,712,335	15,165,369	15,315,523	14,952,367	16,216,945

[1] Preliminary.

[2] An unequal number of returns of husbands and wives results from use of sampling in certain income areas, and from the fact that some returns lack sufficient information to identify the family relationship.

[3] Single persons or married persons not living with husbands or wives.

[4] See note 2, table 368.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

No. 372.—Individual Income Tax Returns—Income Distributed by Source by Adjusted Gross Income Classes: 1947

[Amounts in thousands of dollars. Data are preliminary]

Adjusted gross income class [1] (thousands of dollars)	Salaries, wages, etc.[2]	Dividends [3]	Interest [4]	Rents and royalties [5]		Business and profession [6]		Partnership [7]	
				Net profit	Net loss	Net profit	Net loss	Net profit	Net loss
AMOUNT									
Total	**114,736,671**	**4,278,371**	**1,115,258**	**2,201,090**	**226,940**	**16,370,491**	**522,071**	**8,231,785**	**152,156**
Under 0.5	1,037,879	13,837	13,041	43,155	8,476	95,729	43,534	14,828	8,131
0.5 under 1	3,276,875	61,798	53,587	127,450	10,753	469,456	38,652	75,237	7,978
1 under 1.5	6,503,166	92,637	63,533	144,671	15,018	927,023	48,166	157,358	12,792
1.5 under 2	11,080,052	96,006	64,019	147,834	19,840	1,156,495	42,897	246,248	9,013
2 under 2.5	15,017,923	105,857	62,898	151,639	25,822	1,297,021	39,521	325,522	10,856
2.5 under 3	16,744,993	105,762	60,552	142,594	26,024	1,223,001	34,854	363,194	7,819
3 under 4	27,869,823	207,702	99,829	258,636	40,019	2,056,996	48,864	701,011	14,652
4 under 5	14,498,899	175,112	72,382	178,584	21,076	1,561,828	27,760	526,409	9,460
5 under 10	11,454,941	615,424	201,061	392,360	28,822	3,553,866	54,578	1,651,083	24,080
10 under 15	2,438,846	403,488	100,902	176,005	8,092	1,480,375	28,217	1,000,096	11,302
15 under 20	1,335,786	307,659	66,414	100,992	5,228	790,126	22,397	678,497	6,966
20 under 25	827,617	239,536	44,091	69,310	4,151	485,497	13,722	482,156	5,047
25 under 50	1,642,795	660,813	105,771	142,530	6,960	865,937	32,878	1,145,806	11,085
50 under 100	695,377	510,842	58,062	75,248	3,683	294,896	21,967	590,699	7,456
100 under 150	169,356	202,748	17,709	20,541	983	55,609	7,432	145,297	1,702
150 under 300	108,108	227,197	16,122	16,907	839	37,266	8,765	89,908	2,348
300 under 500	22,294	90,382	5,013	6,557	314	6,922	3,045	20,024	896
500 under 1,000	8,772	77,499	4,107	4,042	535	6,767	3,114	13,859	388
1,000 and over	3,140	84,071	6,161	2,035	281	5,684	1,708	4,555	186
PERCENT	ITEMS OF INCOME AND LOSS FROM EACH SOURCE AS A PERCENTAGE OF AGGREGATE POSITIVE INCOME								
Total	**75.71**	**2.82**	**.74**	**1.45**	**.15**	**10.80**	**.34**	**5.43**	**.10**
Under 0.5	83.12	1.11	1.04	3.46	.68	7.67	3.49	1.19	.65
0.5 under 1	78.51	1.48	1.28	3.05	.26	11.25	.93	1.80	.19
1 under 1.5	80.61	1.15	.79	1.79	.19	11.49	.60	1.95	.16
1.5 under 2	85.31	.74	.49	1.14	.15	8.90	.33	1.90	.07
2 under 2.5	87.37	.62	.37	.88	.15	7.55	.23	1.89	.06
2.5 under 3	88.73	.56	.32	.76	.14	6.48	.18	1.92	.04
3 under 4	88.15	.66	.32	.82	.13	6.51	.15	2.22	.05
4 under 5	83.74	1.01	.42	1.03	.12	9.02	.16	3.04	.05
5 under 10	61.57	3.31	1.08	2.11	.15	19.10	.29	8.87	.13
10 under 15	41.00	6.78	1.70	2.96	.14	24.89	.47	16.81	.19
15 under 20	38.08	8.77	1.89	2.88	.15	22.53	.64	19.34	.20
20 under 25	35.83	10.37	1.91	3.00	.18	21.02	.59	20.87	.22
25 under 50	32.88	13.23	2.12	2.85	.14	17.33	.66	22.93	.22
50 under 100	27.09	19.90	2.26	2.93	.14	11.49	.86	23.01	.29
100 under 150	21.94	26.27	2.29	2.66	.13	7.20	.96	18.82	.22
150 under 300	15.64	32.87	2.33	2.45	.12	5.39	1.27	13.01	.34
300 under 500	8.78	35.61	1.97	2.58	.12	2.73	1.20	7.89	.35
500 under 1,000	4.26	37.61	1.99	1.96	.26	3.28	1.51	6.73	.19
1,000 and over	1.45	38.70	2.84	.94	.13	2.62	.79	2.10	.09

See footnotes at end of table.

No. 372.—Individual Income Tax Returns—Income Distributed by Source, by Adjusted Gross Income Classes: 1947—Continued

[Amounts in thousands of dollars. Data are preliminary]

Adjusted gross income class [1] (thousands of dollars)	Sales or exchanges of capital assets [8]		Sales or exchanges of property other than capital assets [9]		Annuities and pensions [10]	Income from estates and trusts [11]	Miscellaneous income [12]	Aggregate		Adjusted gross income [1]
	Net gain	Net loss	Net gain	Net loss				Positive income	Negative income	
AMOUNT										
Total	**2,411,445**	**279,314**	**98,440**	**67,003**	**226,330**	**1,227,282**	**645,603**	**151,542,766**	**1,247,484**	**150,295,275**
Under 0.5	11,981	12,370	1,177	6,316	3,607	2,028	11,383	1,248,645	78,827	1,169,815
0.5 under 1	36,585	14,697	2,604	3,841	22,700	11,638	36,030	4,173,960	75,921	4,098,033
1 under 1.5	64,743	16,378	4,788	4,265	37,588	17,062	55,011	8,067,580	96,619	7,970,953
1.5 under 2	79,158	17,629	7,874	6,151	31,627	18,351	60,823	12,988,487	95,530	12,892,953
2 under 2.5	107,578	20,455	9,510	4,745	21,696	24,697	65,134	17,189,475	101,399	17,088,079
2.5 under 3	117,204	19,163	8,326	4,031	14,783	22,783	68,873	18,872,065	91,891	18,780,176
3 under 4	240,072	29,577	16,221	6,255	23,143	47,342	95,052	31,615,827	139,397	31,476,430
4 under 5	182,716	21,322	9,752	4,735	10,901	40,128	57,206	17,313,917	84,353	17,229,570
5 under 10	425,102	53,024	22,434	9,661	25,377	170,360	91,770	18,603,778	170,165	18,433,619
10 under 15	183,345	24,844	5,944	4,771	9,429	113,795	35,660	5,947,885	77,226	5,870,665
15 under 20	112,066	15,067	3,278	2,535	5,759	88,127	18,940	3,507,644	52,193	3,455,452
20 under 25	79,493	9,120	2,060	1,570	3,159	65,327	11,678	2,309,954	33,610	2,276,347
25 under 50	201,480	17,543	2,869	4,365	8,371	197,437	22,497	4,996,306	72,831	4,923,479
50 under 100	176,277	6,120	1,197	2,084	4,630	149,175	10,656	2,567,059	41,310	2,525,752
100 under 150	89,374	1,133	123	675	1,600	67,368	2,137	771,862	11,925	759,938
150 under 300	108,439	676	134	582	1,191	84,043	1,896	691,211	13,210	678,000
300 under 500	69,631	106	132	210	153	32,368	349	253,825	4,571	249,255
500 under 1,000	52,956	60	19	132	384	37,360	276	206,041	4,229	201,811
1,000 and over	73,239	25	3	84	232	37,884	224	217,228	2,284	214,946
PERCENT	ITEMS OF INCOME AND LOSS FROM EACH SOURCE AS A PERCENTAGE OF AGGREGATE POSITIVE INCOME									
Total	**1.59**	**.18**	**.06**	**.04**	**.15**	**.81**	**.43**	**100.00**		
Under 0.5	.96	.99	.09	.51	.29	.16	.91	100.00		
0.5 under 1	.88	.35	.06	.09	.54	.28	.86	100.00		
1 under 1.5	.80	.20	.06	.05	.47	.21	.68	100.00		
1.5 under 2	.61	.14	.06	.05	.24	.14	.47	100.00		
2 under 2.5	.63	.12	.06	.03	.13	.14	.38	100 00		
2.5 under 3	.62	.10	.04	.02	.08	.12	.36	100.00		
3 under 4	.76	.09	.05	.02	.07	.15	.30	100.00		
4 under 5	1.06	.12	.06	.03	.06	.23	.33	100.00		
5 under 10	2.29	.29	.12	.05	.14	.92	.49	100.00		
10 under 15	3.08	.42	.10	.08	.16	1.91	.60	100.00		
15 under 20	3.19	.43	.09	.07	.16	2.51	.54	100.00		
20 under 25	3.44	.39	.09	.07	.14	2.83	.51	100.00		
25 under 50	4.03	.35	.06	.09	.17	3.95	.45	100 00		
50 under 100	6.87	.24	.05	.08	.18	5.81	.42	100.00		
100 under 150	11.58	.15	.02	.09	.21	8.73	.28	100.00		
150 under 300	15.69	.10	.02	.08	.17	12.16	.27	100.00		
300 under 500	27.43	.04	.05	.08	.06	12.75	.14	100.00		
500 under 1,000	25.70	.03	.01	.06	.19	18.13	.13	100.00		
1,000 and over	33.72	.01	[13]	.04	.11	17.44	.10	100.00		

[1] See note 2, table 368.
[2–12] See footnotes 2 through 12, table 369.
[13] Less than 0.005 percent.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

No. 373.—Individual Income Tax Returns, by

[Money figures, except average per return

Division, State, or Territory	1945			1946 [1]			1947 [1]	
	Number of returns	Ajusted gross income [2]	Tax	Number of returns	Adjusted gross income [2]	Tax	Number of returns	Adjusted gross income [2]
Total [3]	49,769,196	120,183,733	17,005,431	52,579,956	134,232,475	16,062,353	54,809,740	150,326,429
New England	3,632,263	8,742,287	1,259,557	3,914,431	9,628,188	1,151,143	4,006,158	10,472,787
Maine	311,807	618,253	72,621	326,590	670,226	64,681	344,861	746,701
N. Hampshire	194,999	392,882	47,393	214,420	457,343	46,751	220,524	506,288
Vermont	113,448	214,858	24,229	131,297	257,371	22,593	133,032	292,559
Massachusetts	1,858,647	4,594,761	665,426	1,998,784	5,008,564	599,115	2,040,169	5,324,044
Rhode Island	315,963	742,636	108,643	339,076	824,923	100,905	342,760	919,538
Connecticut	837,399	2,178,897	341,245	904,255	2,409,761	317,098	924,812	2,683,657
Middle Atlantic	11,917,651	31,229,666	4,757,001	12,499,345	34,175,670	4,408,744	12,791,511	37,355,134
New York	6,063,750	16,816,795	2,743,072	6,343,055	18,577,158	2,613,096	6,537,319	20,015,459
New Jersey	1,981,047	5,225,042	737,972	2,028,646	5,523,596	651,721	2,061,056	6,036,480
Pennsylvania	3,872,854	9,187,829	1,275,957	4,127,644	10,074,916	1,143,927	4,193,136	11,303,195
E. N. Central	11,247,617	27,936,164	3,921,790	11,969,324	31,104,897	3,670,082	12,613,993	35,635,711
Ohio	2,953,543	7,287,283	1,015,220	3,106,666	7,994,638	925,026	3,213,264	9,053,107
Indiana	1,338,572	3,160,005	404,739	1,426,205	3,459,664	372,151	1,489,451	3,970,316
Illinois	3,471,774	9,026,694	1,359,845	3,711,882	10,314,057	1,342,554	3,871,396	11,839,400
Michigan	2,273,787	5,748,698	804,959	2,444,609	6,332,542	712,855	2,707,237	7,380,259
Wisconsin	1,209,941	2,713,484	337,027	1,279,962	3,003,996	317,496	1,332,645	3,392,629
W. N. Central	4,603,558	9,769,293	1,223,245	4,829,743	11,330,763	1,205,722	5,054,731	13,382,650
Minnesota	992,060	2,146,778	273,639	1,080,195	2,448,952	257,035	1,113,143	2,936,788
Iowa	837,040	1,775,146	209,777	916,945	2,153,414	216,778	948,755	2,573,459
Missouri	1,308,035	2,820,759	378,768	1,342,278	3,217,094	371,454	1,396,876	3,602,099
North Dakota	175,955	350,589	36,705	188,034	437,914	39,588	201,465	546,809
South Dakota	192,316	347,498	34,801	196,414	437,344	40,141	213,445	545,223
Nebraska	460,076	980,087	123,919	468,480	1,133,081	124,482	503,212	1,348,932
Kansas	638,076	1,348,436	165,636	637,397	1,502,964	156,244	677,835	1,829,340
South Atlantic	5,416,682	11,898,164	1,549,615	5,687,498	13,677,616	1,533,213	5,958,548	15,121,679
Delaware	107,709	299,012	62,637	122,107	369,826	66,868	126,584	402,502
Maryland	873,857	2,148,457	301,693	918,281	2,412,911	280,951	960,602	2,694,318
Dist. of Col.	386,412	993,047	158,284	418,468	1,153,335	153,100	431,551	1,276,150
Virginia	817,140	1,709,765	210,710	861,239	1,948,521	203,099	918,801	2,271,229
West Virginia	545,803	1,143,302	113,312	573,963	1,254,981	112,489	611,357	1,539,024
N. Carolina	842,833	1,623,637	181,173	910,445	1,946,057	190,630	918,643	2,098,719
S. Carolina	400,838	765,464	78,998	402,279	872,048	80,812	454,974	1,028,441
Georgia	751,585	1,546,107	186,806	758,773	1,794,224	192,835	762,366	1,834,569
Florida	690,505	1,669,373	256,002	721,943	1,925,713	252,429	773,670	1,979,727
E. S. Central	2,236,693	4,489,360	517,206	2,324,023	5,053,812	514,356	2,458,722	5,816,962
Kentucky	636,487	1,294,558	145,151	670,579	1,453,125	144,358	726,498	1,754,365
Tennessee	695,825	1,413,075	173,584	755,103	1,675,853	181,932	795,462	1,865,052
Alabama	605,871	1,210,859	134,976	609,799	1,322,550	129,357	643,182	1,523,984
Mississippi	298,510	570,868	63,495	288,542	602,284	58,709	293,580	673,561
W. S. Central	3,506,404	7,656,840	986,428	3,662,086	8,625,360	973,698	3,862,968	9,801,212
Arkansas	310,517	592,339	68,215	317,400	671,122	68,731	330,597	758,538
Louisiana	635,463	1,360,598	171,090	639,996	1,485,655	159,774	663,422	1,662,196
Oklahoma	571,796	1,211,284	137,486	593,569	1,336,871	125,451	625,258	1,529,733
Texas	1,988,628	4,492,619	609,637	2,111,121	5,131,712	619,742	2,243,691	5,850,745
Mountain	1,456,870	3,306,168	419,426	1,568,560	3,787,611	406,951	1,684,346	4,433,622
Montana	185,907	409,214	48,520	203,050	490,014	52,176	213,085	593,867
Idaho	180,678	376,559	41,488	192,884	443,830	41,454	208,128	486,631
Wyoming	82,206	198,750	25,603	90,191	226,444	23,996	96,535	281,391
Colorado	403,785	949,265	131,725	439,460	1,062,470	124,269	491,025	1,285,366
New Mexico	140,033	294,776	34,844	145,943	343,841	35,234	154,001	391,122
Arizona	184,246	426,052	55,000	201,375	490,704	51,844	215,898	564,075
Utah	214,841	474,067	51,680	224,578	518,138	47,016	232,765	601,185
Nevada	65,174	177,485	30,566	71,079	212,170	30,962	72,909	229,985
Pacific	5,561,027	14,633,721	2,286,833	5,933,728	16,370,990	2,145,276	6,172,709	17,717,901
Washington [4]	959,667	2,329,276	328,913	997,732	2,495,847	294,913	1,018,941	2,804,714
Oregon	518,109	1,314,582	193,654	553,967	1,454,819	181,582	616,911	1,664,988
California	4,083,251	10,989,863	1,764,266	4,382,029	12,420,324	1,668,781	4,536,857	13,248,199
Hawaii	190,431	522,070	84,330	191,218	477,568	53,168	206,054	585,771

[1] Preliminary.

[2] See note 2, table 368.

[3] Aggregates shown in this table differ somewhat from corresponding United States totals in other tables prepared from income tax returns of individuals, due to the use of rounded ratios in extending data from samples.

STATES AND TERRITORIES: 1945, 1946, AND 1947

and tax per capita, in thousands of dollars]

1947 [1]—Continued

Tax	Average per return		Tax per capita of total population	Percent of population filing returns	Percent of U. S. total				DIVISION, STATE, OR TERRITORY
	Adjusted gross income	Tax			Population	Returns	Adjusted gross income	Tax	
18,084,485	$2,743	$330	$126	38.05	100.00	100.00	100.00	100.00	**Total**
1,265,022	2,614	316	138	43.84	6.31	7.31	6.97	7.00	**New England.**
71,607	2,165	208	81	38.97	.61	.63	.50	.40	Maine.
53,480	2,296	243	100	41.30	.37	.40	.34	.30	New Hampshire.
28,439	2,199	214	78	36.35	.25	.24	.19	.16	Vermont.
639,978	2,610	314	138	44.02	3.22	3.72	3.54	3.54	Massachusetts.
112,729	2,683	329	151	46.01	.52	.63	.61	.62	Rhode Island.
358,789	2,902	388	182	46.85	1.37	1.69	1.79	1.98	Connecticut.
4,763,301	2,920	372	163	43.65	20.35	23.34	24.85	26.34	**Middle Atlantic.**
2,702,269	3,062	413	191	46.15	9.83	11,93	13,31	14,94	New York.
720,213	2,929	349	156	44.54	3.21	3.76	4.02	3.98	New Jersey.
1,340,819	2,696	320	128	39.89	7.30	7.65	7.52	7.41	Pennsylvania.
4,314,607	2,825	342	148	43.16	20.29	23.01	23.71	23.86	**East North Central.**
1,079,062	2,817	336	141	41.87	5.33	5.86	6.02	5.97	Ohio.
446,091	2,666	300	116	38.84	2.66	2.72	2.64	2.47	Indiana.
1,578,607	3,058	408	188	46.10	5.83	7.06	7.88	8.73	Illinois.
837,662	2,726	309	138	44.61	4.21	4.94	4.91	4.63	Michigan.
373,185	2,546	280	115	41.04	2.25	2.43	2.26	2.06	Wisconsin.
1,509,394	2,648	299	110	36.87	9.52	9.22	8.90	8.35	**West North Central.**
321,326	2,638	289	111	38.54	2.01	2.03	1.95	1.78	Minnesota.
284,944	2,712	300	110	36.62	1.80	1.73	1.71	1.58	Iowa.
426,254	2,579	305	109	35.79	2.71	2.55	2.40	2.36	Missouri.
57,856	2,714	287	107	37.24	.38	.37	.36	.32	North Dakota.
59,443	2,554	278	103	36.93	.40	.39	.36	.33	South Dakota.
154,795	2,681	308	121	39.19	.89	.92	.90	.86	Nebraska.
204,776	2,699	302	106	35.21	1.34	1.24	1.22	1.13	Kansas.
1,676,540	2,538	281	87	30.90	13.39	10.87	10.06	9.27	**South Atlantic.**
73,909	3,180	584	254	43.50	.20	.23	.27	.41	Delaware.
314,292	2,805	327	147	44.91	1.49	1.75	1.79	1.74	Maryland.
167,712	2,957	389	195	50.12	.60	.79	.85	.93	Dist. of Col.
240,012	2,472	261	80	30.64	2.08	1.68	1.51	1.33	Virginia.
150,898	2,517	247	80	32.48	1.31	1.12	1.02	.83	West Virginia.
201,703	2,285	220	55	24.84	2.57	1.68	1.40	1.12	North Carolina.
90,511	2,260	199	46	23.32	1.35	.83	.68	.50	South Carolina.
203,838	2,406	267	65	24.29	2.18	1.39	1.22	1.13	Georgia.
233,665	2,559	302	100	33.23	1.62	1.41	1.32	1.29	Florida.
587,184	2,366	239	54	22.76	7.50	4.49	3.87	3.25	**East South Central.**
178,268	2,415	245	64	26.13	1.93	1.33	1.17	.99	Kentucky.
194,432	2,345	244	63	25.73	2.15	1.45	1.24	1.08	Tennessee.
147,828	2,369	230	52	22.70	1.97	1.17	1.01	.82	Alabama.
66,656	2,294	227	32	14.01	1.46	.54	.45	.37	Mississippi.
1,128,279	2,537	292	81	27.90	9.61	7.05	6.52	6.24	**West South Central.**
72,768	2,294	220	38	17.28	1.33	.60	.50	.40	Arkansas.
179,684	2,505	271	71	26.08	1.77	1.21	1.11	.99	Louisiana.
154,120	2,447	246	67	27.38	1.59	1.14	1.02	.85	Oklahoma.
721,707	2,608	322	102	31.58	4.93	4.09	3.89	3.90	Texas.
485,296	2,632	288	110	38.34	3.05	3.07	2.95	2.68	**Mountain.**
66,661	2,787	313	137	43,66	.34	.39	.40	.37	Montana.
49,056	2,338	236	93	39.64	.36	.38	.32	.27	Idaho.
32,328	2,915	335	122	36.43	.18	.18	.19	.18	Wyoming.
150,660	2,618	307	132	42.92	.79	.90	.86	.83	Colorado.
42,088	2,540	273	77	28.15	.38	.28	.26	.23	New Mexico.
59,622	2,613	276	93	33.52	.45	.39	.38	.33	Arizona.
54,193	2,583	233	85	36.37	.44	.42	.40	.30	Utah.
30,688	3,154	421	221	52.45	.10	.13	.15	.17	Nevada.
2,284,925	2,870	370	166	44.77	9.57	11.26	11.79	12.63	**Pacific.**
338,268	2,753	332	139	41.93	1.69	1.86	1.87	1.87	Washington.
202,580	2,699	328	131	39.93	1.07	1.13	1.11	1.12	Oregon.
1,744,077	2,920	384	178	46.24	6.81	8.28	8.81	9.64	California.
69,937	2,843	339	128	37.81	.38	.38	.39	.39	Hawaii.

[1] Includes Alaska.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

No. 374.—Individual Income Tax Returns—Analysis, by Adjusted Gross Income Classes: 1947

[Money figures, except average tax per return, in thousands of dollars. Data are preliminary]

Adjusted gross income class [1]	Number of returns	Adjusted gross income [1]	Exemptions [2]	Total tax	Distribution of tax	
					Normal tax and surtax	Alternative tax
Total	**54,799,936**	**150,295,275**	**63,496,165**	**18,076,281**	**16,312,120**	**1,764,161**
Under $500 nontaxable	4,315,873	1,169,815	2,841,964			
$500 under $1,000 taxable	2,790,569	2,152,141	1,395,285	99,608	99,608	
$500 under $1,000 nontaxable	2,647,395	1,945,892	3,068,762			
$1,000 under $1,500 taxable	4,178,487	5,295,621	2,663,059	387,787	387,787	
$1,000 under $1,500 nontaxable	2,184,591	2,675,332	3,485,916			
$1,500 under $2,000 taxable	5,660,010	9,974,180	4,388,964	844,726	844,726	
$1,500 under $2,000 nontaxable	1,697,586	2,918,773	3,401,948			
$2,000 under $2,500 taxable	6,439,111	14,507,256	6,021,281	1,291,807	1,291,807	
$2,000 under $2,500 nontaxable	1,166,939	2,580,823	2,797,270			
$2,500 under $3,000 taxable	6,171,703	16,951,476	6,990,322	1,510,628	1,510,628	
$2,500 under $3,000 nontaxable	674,542	1,828,700	1,875,406			
$3,000 under $4,000 taxable	8,695,846	29,914,610	11,791,473	2,767,106	2,767,106	
$3,000 under $4,000 nontaxable	466,690	1,561,820	1,508,512			
$4,000 under $5,000 taxable	3,818,891	16,917,330	5,702,341	1,761,421	1,761,421	
$4,000 and over nontaxable	67,796	312,240	253,916			
$5,000 under $10,000 taxable	2,837,585	18,433,619	4,037,104	2,550,665	2,550,665	
$10,000 under $15,000	486,961	5,870,665	646,090	1,172,385	1,172,385	
$15,000 under $20,000	201,300	3,455,452	262,919	850,451	847,895	2,556
$20,000 under $25,000	102,386	2,276,347	131,261	656,648	591,103	65,545
$25,000 under $50,000	146,782	4,923,479	180,234	1,788,766	1,295,886	492,880
$50,000 under $100,000	38,049	2,525,752	41,905	1,186,450	695,672	490,778
$100,000 under $150,000	6,353	759,938	6,263	411,090	197,865	213,225
$150,000 under $300,000	3,417	678,000	3,093	394,900	176,306	218,594
$300,000 under $500,000	658	249,255	566	147,832	44,906	102,926
$500,000 under $1,000,000	302	201,811	226	122,749	44,835	77,914
$1,000,000 and over	114	214,946	103	131,263	31,520	99,743

Adjusted gross income class [1]	Percent distribution			Average total tax per return	Effective tax rate on adjusted gross income
	Returns	Adjusted gross income [1]	Total tax		
Total	**100.00**	**100.00**	**100.00**	**$330**	**12.03**
Under $500 nontaxable	7.88	.78			
$500 under $1,000 taxable	5.09	1.43	.55	36	4.63
$500 under $1,000 nontaxable	4.83	1.29			
$1,000 under $1,500 taxable	7.62	3.52	2.15	93	7.32
$1,000 under $1,500 nontaxable	3.99	1.78			
$1,500 under $2,000 taxable	10.33	6.64	4.67	149	8.47
$1,500 under $2,000 nontaxable	3.10	1.94			
$2,000 under $2,500 taxable	11.75	9.65	7.15	201	8.90
$2,000 under $2,500 nontaxable	2.13	1.72			
$2,500 under $3,000 taxable	11.26	11.28	8.36	245	8.91
$2,500 under $3,000 nontaxable	1.23	1.22			
$3,000 under $4,000 taxable	15.87	19.90	15.31	318	9.25
$3,000 under $4,000 nontaxable	.85	1.04			
$4,000 under $5,000 taxable	6.97	11.26	9.74	461	10.41
$4,000 and over nontaxable	.12	.21			
$5,000 under $10,000 taxable	5.18	12.26	14.11	899	13.84
$10,000 under $15,000	.89	3.91	6.49	2,408	19.97
$15,000 under $20,000	.37	2.30	4.70	4,225	24.61
$20,000 under $25,000	.19	1.51	3.63	6,413	28.85
$25,000 under $50,000	.27	3.28	9.90	12,187	36.33
$50,000 under $100,000	.07	1.68	6.56	31,182	46.97
$100,000 under $150,000	.01	.51	2.27	64,708	54.10
$150,000 under $300,000	.01	.45	2.18	115,569	58.24
$300,000 under $500,000	[3]	.17	.82	224,669	59.31
$500,000 under $1,000,000	[3]	.13	.68	406,454	60.82
$1,000,000 and over	[3]	.14	.73	1,151,430	61.07

[1] See note 2, table 368.

[2] Exemption is $500 for the taxpayer, $500 for the taxpayer's spouse if not dependent upon another person, and $500 for each closely related dependent (specified by law) who had less than $500 income and who received from the taxpayer more than half his support for the year.

[3] Less than 0.005 percent.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1;

No. 375.—Corporation Income Tax Returns—Summary: 1925 to 1947

[Includes data for Alaska, District of Columbia, and Hawaii; based on returns as filed, prior to audit adjustments or other changes made after the returns were filed, as the result of carry-backs, relief granted under section 722 of the Internal Revenue Code, recomputation of amortization of emergency facilities, or renegotiation of war contracts. All corporations are required to file returns except those specifically exempt, such as mutual, fraternal, civic, and charitable organizations not operating for profit. Returns of inactive corporations are excluded from these tabulations, except as noted. In comparing data over a period of years, changes in law must be taken into consideration, especially discontinuance for 1934-41 of privilege of filing consolidated returns (except by railroad corporations and their related holding or leasing companies and, in 1940-41, by Pan American trade corporations) and the restoration of this privilege in 1942. See source publications for effect of changes on statistical items. For other corporation data based on income tax returns, see pp. 438-440 and 444. See also *Historical Statistics*, series P 152-164]

[Money figures in millions of dollars]

ITEM	1925	1930	1935	1940	1944	1945	1946	1947 [1]
ALL INCOME AND DECLARED VALUE EXCESS PROFITS TAX RETURNS								
Number of returns (excluding inactive corporations)	430,072	463,036	477,113	473,042	412,467	421,125	491,152	551,814
Total compiled receipts [2]	134,780	136,588	114,650	148,237	262,201	255,448	288,954	367,859
Net income less deficit [3]	7,621	1,551	1,696	8,919	26,304	21,139	25,193	31,428
Total tax liability	1,170	712	735	[4] 2,549	14,884	10,795	8,875	11,012
Income tax	1,170	712	710	2,144	4,354	4,183	8,607	11,012
Declared value excess profits tax	----	----	25	31	99	55	[5]	----
Excess profits tax	----	----	----	374	10,432	6,557	[6] 268	----
Dividends paid in cash and assets other than own stock	5,189	8,184	5,941	6,089	6,057	6,081	7,497	8,365
RETURNS WITH NET INCOME								
Number of returns	252,334	221,420	164,231	220,977	288,904	303,019	359,310	382,538
Total compiled receipts [2]	114,087	89,911	77,639	125,180	252,963	239,046	265,597	343,388
Net income [3]	9,584	6,429	5,165	11,203	27,124	22,165	27,185	33,386
Total tax liability	1,170	712	735	[4] 2,549	14,884	10,795	8,875	11,012
Income tax	1,170	712	710	2,144	4,354	4,183	8,607	11,012
Declared value excess profits tax	----	----	25	31	99	55	[5]	----
Excess profits tax	----	----	----	374	10,432	6,557	[6] 268	----
Dividends paid in cash and assets other than own stock	4,817	6,823	4,651	5,888	5,969	5,918	7,241	8,222
RETURNS WITH NO NET INCOME								
Number of returns [7]	177,738	241,616	312,882	252,065	123,563	118,106	131,842	169,276
Total compiled receipts [2]	20,693	46,677	37,011	23,056	9,238	16,402	23,357	24,472
Deficit [3]	1,963	4,878	3,469	2,284	819	1,026	1,992	1,959
Dividends paid in cash and assets other than own stock	372	1,361	1,290	200	89	163	255	143
Inactive corporations, number of returns	(7)	55,700	56,518	43,741	34,329	33,335	35,211	35,876
TAXABLE EXCESS PROFITS TAX RETURNS [8]								
Number of returns	----	----	----	13,440	55,912	52,097	11,053	----
Excess profits net income	----	----	----	2,998	20,472	14,165	2,191	----
Adjusted excess profits net income	----	----	----	912	12,936	8,368	1,474	----

[1] Preliminary.

[2] Total compiled receipts consist of gross sales (less returns and allowances), gross receipts from operations (where inventories are not an income-determining factor), all interest received on Government obligations (less amortizable bond premium), other interest, rents, royalties, excess of net short-term capital gain over net long-term capital loss, excess of net long-term capital gain over net short-term capital loss, net gain from sale or exchange of property other than capital assets, dividends, and other taxable income. Total compiled receipts exclude nontaxable income other than tax-exempt interest received on certain Government obligations.

[3] Net income (or deficit), in general, represents taxable income less allowable deductions, except that for 1925 and 1930, and for 1940-47, amount shown is before deduction due to net operating loss of prior years. (For amounts of such deductions, see table 509, p. 439). Beginning 1936, dividends received on stock of domestic corporations are included in taxable income. For 1936 and later years, contributions or gifts are deductible in arriving at net income and are limited to 5 percent of net income before deduction.

[4] Includes defense tax.

[5] Tax repealed.

[6] Tax repealed. Amount shown for 1946 consists only of prorated tax for 1945 portion of fiscal year returns ending in July-November 1946.

[7] Number of returns with no net income, for 1925, includes returns of inactive corporations, not available separately.

[8] For tax reported, see above.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

No. 376.—Corporation Income Tax Returns, by States and Territories: 1946

[**Money figures in thousands of dollars.** See headnote and footnotes, table 375]

Division, state, or territory	Total number of returns [1]	Returns with net income				Returns with no net income		
		Number of returns	Net income	Total tax	Dividends paid in cash and assets other than own stock	Number of returns	Deficit	Dividends paid in cash and assets other than own stock
Total	526,363	359,310	27,184,592	8,874,840	7,241,416	131,842	1,991,706	255,317
New England	48,023	33,729	2,187,473	653,976	481,830	12,358	150,143	18,812
Maine	3,478	2,336	107,910	36,583	20,501	909	8,776	850
New Hampshire	1,727	1,256	58,696	20,631	9,971	426	3,014	996
Vermont	1,228	858	37,195	8,991	4,636	333	4,245	431
Massachusetts	27,371	19,529	1,288,222	384,069	316,199	6,998	59,839	3,983
Rhode Island	4,060	2,766	202,984	73,205	42,098	1,012	9,406	1,242
Connecticut	10,159	6,984	492,466	130,497	88,425	2,680	64,863	11,310
Middle Atlantic	192,111	127,352	9,986,336	3,104,087	2,880,103	55,000	775,236	111,280
New York	137,468	91,252	7,200,873	2,234,856	2,171,907	39,658	512,569	58,108
New Jersey	30,743	19,365	1,093,942	297,756	259,322	9,634	74,989	7,093
Pennsylvania	23,900	16,735	1,691,521	571,475	448,874	5,708	187,678	46,079
East North Central	101,295	71,128	6,233,688	2,171,857	1,593,310	22,154	476,398	56,936
Ohio	25,131	18,732	1,810,704	639,800	456,223	5,468	105,957	17,989
Indiana	11,309	8,043	442,605	150,405	84,291	2,255	36,431	3,460
Illinois	34,259	23,828	2,525,526	892,537	629,839	7,597	116,013	8,162
Michigan	16,026	10,556	934,459	323,087	329,766	3,907	173,475	18,774
Wisconsin	14,270	9,969	520,394	166,028	93,191	2,927	44,522	8,551
West North Central	40,347	29,446	1,853,298	624,797	423,488	7,799	95,521	8,821
Minnesota	9,321	6,623	468,961	156,260	107,976	1,788	17,701	1,658
Iowa	6,704	4,885	216,773	66,594	36,439	1,171	14,939	1,100
Missouri	13,351	9,729	801,667	279,461	199,005	2,762	52,939	3,157
North Dakota	1,506	1,187	21,413	5,766	3,201	258	651	305
South Dakota	1,750	1,262	20,992	6,269	3,107	365	590	50
Nebraska	3,678	2,783	136,672	45,146	30,645	637	3,018	1,843
Kansas	4,037	2,977	186,820	65,301	43,115	818	5,683	708
South Atlantic	51,140	36,996	2,692,901	880,872	787,623	11,262	140,254	6,621
Delaware	2,812	1,861	620,837	166,048	332,721	702	14,794	1,476
Maryland	6,581	4,404	280,905	89,704	81,912	1,613	36,614	1,248
District of Columbia	2,903	2,000	130,153	42,027	37,785	739	8,773	470
Virginia	6,960	5,265	315,071	108,062	77,779	1,406	29,203	487
West Virginia	4,900	3,584	150,488	50,909	35,361	1,070	4,856	420
North Carolina	7,550	6,067	490,359	173,831	93,747	1,249	7,011	595
South Carolina	3,667	2,747	205,438	75,646	20,699	671	2,777	28
Georgia	5,896	4,604	291,272	106,176	70,111	1,132	13,328	924
Florida	9,871	6,464	208,378	68,469	37,508	2,080	22,898	973
East South Central	14,949	11,463	721,340	251,914	134,333	2,926	26,923	3,067
Kentucky	4,296	3,280	219,508	77,134	47,086	835	5,739	1,928
Tennessee	4,924	3,852	258,521	88,765	44,320	900	13,204	888
Alabama	3,385	2,530	178,510	63,837	30,013	743	6,011	132
Mississippi	2,344	1,801	64,801	22,178	12,914	448	1,969	119
West South Central	25,951	17,715	1,144,444	391,522	321,865	6,200	62,060	6,391
Arkansas	2,304	1,776	74,105	24,975	12,385	406	2,107	45
Louisiana	5,367	3,806	211,759	73,985	50,564	1,274	11,000	1,321
Oklahoma	4,129	2,894	190,731	66,333	48,050	995	10,098	1,744
Texas	14,151	9,239	667,849	226,229	210,866	3,525	38,855	3,281
Mountain	14,207	8,974	370,173	119,923	91,525	3,544	40,502	2,210
Montana	2,079	1,357	40,164	12,852	8,721	534	3,102	62
Idaho	1,720	868	35,865	11,090	9,459	396	2,194	81
Wyoming	975	717	13,742	3,948	4,676	195	1,796	40
Colorado	4,234	2,718	154,440	53,032	36,181	1,100	22,583	1,626
New Mexico	823	587	16,971	5,338	4,575	184	1,040	18
Arizona	1,282	842	30,902	10,262	5,377	319	3,524	108
Utah	2,368	1,489	56,132	17,613	16,258	569	3,704	256
Nevada	726	396	21,957	5,788	6,278	247	2,559	19
Pacific	37,193	21,801	1,942,139	659,439	506,367	10,238	211,318	40,051
Washington	8,649	4,702	263,075	86,263	66,631	2,194	20,293	2,544
Oregon	4,091	2,608	147,122	50,443	29,382	949	9,517	1,318
California	24,453	14,491	1,531,942	522,733	410,354	7,095	181,508	36,189
Alaska	251	107	2,613	819	515	79	809	5
Hawaii	896	599	50,187	15,634	20,457	282	12,542	1,123

[1] Includes returns with net income, returns with no net income, and returns of inactive corporations.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

No. 377.—Corporation Income Tax Returns—Total Compiled Receipts, Net Income or Deficit, and Total Tax, by Industrial Groups: 1925 to 1946

[**Money figures in millions of dollars.** See headnote and footnotes, table 375]

YEAR	Total compiled receipts, all returns	RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME		Total compiled receipts, all returns	RETURNS WITH NET INCOME			RETURNS WITH NO NET INCOME	
		Number	Net income	Total tax	Number	Deficit		Number	Net income	Total tax	Number	Deficit
	All industrial groups [1]						Mining and quarrying [2]					
1925	134,780	252,334	9,584	1,170	177,738	1,962	4,936	5,488	454	55	13,675	210
1930	136,588	221,420	6,429	712	241,616	4,878	3,010	4,700	194	21	7,533	238
1935	114,650	164,231	5,165	735	312,882	3,469	2,633	4,527	163	23	9,188	174
1940	148,237	220,977	11,203	2,549	252,065	2,284	3,264	3,956	315	68	6,427	109
1943	249,682	283,735	28,718	15,926	136,786	899	3,731	4,031	388	170	4,102	49
1944	262,201	288,904	27,124	14,884	123,563	819	4,028	3,796	369	158	3,824	51
1945	255,448	303,019	22,165	10,795	118,106	1,026	3,954	3,694	300	118	3,602	57
1946	288,954	359,310	27,185	8,875	131,842	1,992	4,300	4,137	401	133	3,538	66
	Manufacturing						Public utilities [2]					
1925	60,921	54,137	4,383	547	34,537	682	11,911	14,862	1,469	186	8,751	135
1930	58,726	40,641	2,758	317	50,863	1,640	16,027	12,109	1,334	157	9,522	334
1935	47,947	37,976	2,483	357	53,700	666	11,604	10,600	927	129	14,833	572
1940	66,991	47,168	5,632	1,553	38,420	325	13,710	11,479	1,592	362	10,574	279
1943	146,379	61,705	16,728	10,543	17,011	146	21,338	13,170	4,616	2,408	6,109	122
1944	154,215	61,044	15,008	9,391	15,575	157	22,497	13,067	4,278	2,389	6,175	137
1945	141,284	61,680	10,577	6,112	17,432	326	22,663	12,966	3,134	1,548	6,770	197
1946	139,422	72,567	12,681	4,628	25,564	987	22,926	14,395	2,726	898	7,428	383
	Trade [2]						Service [2]					
1925	39,860	71,910	1,254	145	37,678	288	2,841	16,571	246	28	12,410	72
1930	37,217	59,741	651	64	71,746	739	4,167	18,741	234	24	19,472	179
1935	37,540	57,813	767	109	87,068	301	3,710	13,358	127	18	36,289	269
1940	47,216	71,766	1,270	296	68,083	188	3,846	16,091	203	39	25,294	95
1943	58,440	94,644	3,156	1,783	26,236	65	5,158	21,603	595	311	13,991	48
1944	61,724	93,166	3,319	1,910	24,197	66	5,637	22,098	626	321	12,614	47
1945	66,640	97,550	3,439	1,902	23,398	76	5,972	22,977	649	317	12,130	47
1946	96,734	122,132	5,714	2,028	29,379	132	7,374	26,169	875	293	13,479	72
	Finance, insurance, real estate, and lessors of real property [2]						Construction [2]					
1925	10,884	73,246	1,524	180	42,701	456	2,309	9,701	156	18	5,637	43
1930	13,691	72,102	1,065	109	64,477	1,567	3,046	8,871	151	15	9,674	82
1935	9,124	33,231	603	86	91,702	1,382	1,496	4,242	49	7	11,808	56
1940	9,913	58,988	2,031	198	83,614	1,163	2,528	6,716	102	23	9,033	34
1943	9,200	74,956	2,787	464	58,699	409	4,343	7,477	295	175	4,651	27
1944	9,827	82,837	3,200	554	51,042	305	3,182	7,160	173	90	4,354	34
1945	10,827	90,568	3,756	667	45,005	262	2,948	7,811	146	62	4,023	33
1946	12,392	102,278	4,289	737	42,095	285	4,321	11,161	270	84	4,688	38
	Agriculture, forestry, and fishery [2]						Nature of business not allocable					
1925	794	4,662	77	9	5,242	59	323	1,757	20	2	17,107	17
1930	672	3,475	40	4	6,431	86	33	1,040	2	(3)	1,898	12
1935	591	2,321	44	6	6,734	40	6	163	1	(3)	1,560	9
1940	643	3,213	49	10	5,187	32	124	1,600	9	2	5,433	58
1943	868	4,252	128	63	2,632	14	227	1,897	25	9	3,355	17
1944	930	3,912	134	63	2,505	15	161	1,824	18	7	3,277	9
1945	993	3,865	150	64	2,287	16	166	1,908	15	5	3,459	11
1946	1,275	4,260	205	68	2,403	22	213	2,211	24	7	3,268	7

[1] A corporation is classified industrially according to the business reported on the return. When diversified activities are reported, the classification is determined by the industry which accounts for the largest percentage of total receipts.

[2] For changes in classification affecting comparability of data, see "Statistics of Income for 1938, Part 2."

[3] Less than $500,000.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

No. 378.—Corporation Income Tax Returns—Number of Returns, Total Industrial

[Money figures in thousands of dollars.

Line number	Major industrial groups [1]	Total number of returns [2]	Returns with net income		
			Number of returns	Total compiled receipts [3]	Net income [4]
1	**All industrial groups**	**526,363**	**359,310**	**265,597,448**	**27,184,592**
2	**Mining and quarrying**	**9,458**	**4,137**	**3,745,073**	**400,555**
3	Metal mining	1,616	227	618,887	88,013
4	Anthracite mining	185	106	402,036	24,680
5	Bituminous coal, lignite, peat, etc	1,784	1,013	1,424,400	89,553
6	Crude petroleum and natural gas production	3,696	1,836	839,314	128,010
7	Nonmetallic mining and quarrying	1,482	927	446,038	69,802
8	Mining and quarrying not allocable	695	28	14,398	497
9	**Manufacturing**	**101,739**	**72,567**	**128,928,639**	**12,680,628**
10	Food and kindred products	10,211	8,058	22,868,852	1,572,586
11	Beverages	3,102	2,225	4,667,147	512,381
12	Tobacco manufactures	226	145	2,608,228	174,666
13	Cotton manufactures	963	875	3,780,636	565,473
14	Textile-mill products, except cotton	4,723	3,889	6,320,835	846,255
15	Apparel and products made from fabrics	11,965	9,104	6,329,368	499,123
16	Leather and products	2,869	2,195	2,730,553	235,940
17	Rubber products	584	400	3,084,209	321,391
18	Lumber and timber basic products	3,135	2,208	1,999,280	283,057
19	Furniture and finished lumber products	5,300	3,872	2,566,246	249,725
20	Paper and allied products	2,395	2,099	4,314,669	576,522
21	Printing and publishing industries	11,284	8,518	4,593,908	677,279
22	Chemicals and allied products	7,145	4,608	10,558,939	1,524,699
23	Petroleum and coal products	520	346	10,630,769	742,103
24	Stone, clay, and glass products	3,773	2,641	2,839,855	373,149
25	Iron, steel, and products	7,952	5,655	12,676,283	1,103,648
26	Nonferrous metals and their products	3,558	2,426	4,058,961	386,874
27	Electrical machinery and equipment	2,662	1,508	3,866,041	317,970
28	Machinery, except transportation equipment and electrical	7,774	4,969	7,797,663	890,451
29	Automobiles and equipment, except electrical	932	650	4,621,558	210,438
30	Transportation equipment, except automobiles	1,084	507	1,864,928	174,774
31	Other manufacturing	5,695	3,458	2,540,561	287,020
32	Manufacturing not allocable	3,887	2,061	1,609,150	155,104
33	**Public utilities**	**23,441**	**14,395**	**17,574,664**	**2,726,169**
34	Transportation	16,167	10,027	9,416,514	967,153
35	Communication	4,116	2,235	2,920,553	575,766
36	Other public utilities	3,158	2,133	5,237,597	1,183,250
37	**Trade**	**155,487**	**122,132**	**92,867,195**	**5,714,298**
38	Wholesale	48,959	38,416	45,508,531	2,329,733
39	Commission merchants	7,053	4,862	2,274,809	156,178
40	Other wholesalers	41,906	33,554	43,233,722	2,173,555
41	Retail	86,702	68,343	39,698,040	2,905,584
42	General merchandise	6,026	5,051	12,538,956	1,164,066
43	Food stores, including market milk dealers	6,633	4,813	7,946,405	275,960
44	Package liquor stores	2,061	1,743	274,796	12,438
45	Drug stores	4,341	3,452	1,154,408	61,116
46	Apparel and accessories	12,318	10,043	4,465,884	354,671
47	Furniture and house furnishings	6,506	5,376	1,596,226	153,983
48	Eating and drinking places	11,609	7,098	1,422,149	80,980
49	Automotive dealers	12,212	10,525	4,342,596	398,696
50	Filling stations	1,944	1,348	345,635	23,943
51	Hardware	2,479	2,199	333,972	27,680
52	Building materials, fuel, and ice	7,827	6,487	1,968,510	140,225
53	Other retail trade	8,373	6,536	1,974,822	137,998
54	Retail trade not allocable	4,373	3,672	1,333,681	73,828
55	Trade not allocable	19,826	15,373	7,660,624	478,981

For footnotes, see p. 334

COMPILED RECEIPTS, NET INCOME OR DEFICIT, TOTAL TAX, AND DIVIDENDS PAID, BY GROUPS: 1946

See headnote and footnotes, table 375]

RETURNS WITH NET INCOME—continued				RETURNS WITH NO NET INCOME				Line number
Taxes			Dividends paid in cash and assets other than own stock	Number of returns	Total compiled receipts [3]	Deficit [4]	Dividends paid in cash and assets other than own stock	
Total tax	Income tax	Excess profits tax [5]						
8,874,840	**8,606,695**	**268,145**	**7,241,416**	**131,842**	**23,356,789**	**1,991,706**	**255,317**	**1**
132,620	**131,692**	**928**	**200,886**	**3,538**	**554,485**	**65,816**	**6,791**	**2**
26,070	26,061	9	67,980	630	53,730	11,713	362	3
8,661	8,594	67	13,591	71	56,471	1,862	3	4
29,975	29,662	313	32,485	627	203,446	9,016	680	5
43,366	42,913	453	62,708	1,577	208,345	37,638	5,576	6
24,397	24,311	86	24,046	437	31,577	4,329	151	7
151	151	----------	76	196	916	1,258	19	8
4,628,015	**4,468,311**	**159,704**	**3,311,735**	**25,564**	**10,492,919**	**986,664**	**128,901**	**9**
585,572	562,204	23,368	363,705	1,784	535,480	28,740	2,303	10
197,672	179,549	18,123	95,487	639	169,426	9,741	1,509	11
64,584	64,530	54	73,009	71	16,293	1,717	52	12
221,512	198,817	22,695	82,206	72	39,094	2,349	336	13
319,500	304,214	15,286	143,980	706	119,364	7,219	915	14
183,200	172,767	10,433	54,071	2,550	364,347	17,164	518	15
89,355	83,243	6,112	36,673	630	103,599	6,641	38	16
122,017	114,151	7,866	62,190	161	49,092	3,394	106	17
96,884	94,546	2,338	50,000	712	98,054	10,360	485	18
89,103	86,684	2,419	39,076	1,301	203,593	16,232	1,262	19
213,122	207,684	5,438	110,939	262	66,401	6,636	177	20
239,878	236,163	3,715	151,003	2,478	253,169	20,767	852	21
549,315	538,262	11,053	465,880	2,229	270,887	27,311	1,050	22
230,669	230,216	453	434,935	139	189,072	7,070	830	23
135,505	133,723	1,782	93,450	986	110,399	9,553	405	24
406,974	400,559	6,415	299,399	2,041	1,048,368	90,768	12,299	25
139,403	137,474	1,929	103,209	1,054	256,639	27,302	709	26
116,900	114,434	2,466	111,862	1,041	1,650,937	140,127	35,576	27
330,937	321,055	9,882	232,946	2,542	1,351,692	169,872	21,677	28
73,583	72,706	877	154,513	250	1,959,569	94,112	11,790	29
62,363	59,521	2,842	62,918	518	1,034,459	187,663	30,333	30
103,948	101,018	2,930	59,953	2,065	356,880	59,344	4,717	31
56,019	54,791	1,228	30,331	1,333	249,105	42,582	962	32
898,063	**895,607**	**2,456**	**1,282,505**	**7,428**	**5,351,782**	**383,487**	**60,522**	**33**
333,705	332,291	1,414	324,355	5,115	4,961,039	357,498	53,729	34
156,450	155,851	599	393,381	1,526	239,322	15,682	133	35
407,908	407,465	443	564,769	787	151,421	10,307	6,660	36
2,028,250	**1,946,115**	**82,135**	**922,408**	**29,379**	**3,866,349**	**132,262**	**5,464**	**37**
843,439	791,494	51,945	329,535	9,241	2,064,949	61,175	2,389	38
52,742	49,906	2,836	26,745	1,938	188,086	7,004	275	39
790,697	741,588	49,109	302,790	7,303	1,876,863	54,171	2,114	40
1,023,157	**996,380**	**26,777**	**524,426**	**16,415**	**1,374,376**	**56,343**	**2,007**	**41**
434,672	426,590	8,082	272,318	843	87,843	4,771	307	42
99,962	99,049	913	46,018	1,646	184,167	4,083	184	43
3,292	3,197	95	636	294	24,112	681	7	44
20,832	18,845	1,987	11,428	796	65,758	1,451	84	45
124,519	115,849	8,670	55,179	2,015	210,392	8,654	281	46
51,365	50,146	1,219	27,273	1,022	60,018	3,057	177	47
25,459	24,154	1,305	14,427	4,236	339,806	16,624	400	48
135,399	133,271	2,128	31,969	1,350	97,172	4,650	158	49
7,833	7,818	15	6,388	518	25,065	741	12	50
7,825	7,674	151	3,022	253	10,253	497	5	51
43,832	43,297	535	25,273	1,191	90,921	2,696	197	52
44,813	43,527	1,286	18,146	1,657	105,936	6,699	107	53
23,354	22,963	391	12,349	594	72,933	1,739	88	54
161,654	158,241	3,413	68,447	3,723	427,024	14,744	1,068	55

For footnotes,, see p. 334.

No. 378.—Corporation Income Tax Returns—Number of Returns, Total Com
dustrial Groups:

[Money figures in thousands of dollars.

Line number	MAJOR INDUSTRIAL GROUPS [1]	Total number of returns [2]	RETURNS WITH NET INCOME		
			Number of returns	Total compiled receipts [3]	Net income come [4]
56	**Service**	**42,624**	**26,169**	**6,600,362**	**874,592**
57	Hotels and other lodging places	4,993	3,409	1,206,243	139,764
58	Personal service	9,212	6,165	1,010,312	74,887
59	Business service	7,978	4,598	1,244,683	111,149
60	Automotive repair services and garages	3,232	2,244	237,330	25,586
61	Miscellaneous repair services, hand trades	1,741	1,068	110,110	8,136
62	Motion pictures	4,546	3,424	1,890,731	369,575
63	Amusement, except motion pictures	5,187	2,622	525,508	103,683
64	Other service, including schools	5,390	2,425	358,792	39,712
65	Service not allocable	345	154	16,653	2,100
66	**Finance, insurance, real estate, and lessors of real property.**	**152,566**	**102,278**	**10,829,109**	**4,289,105**
67	Finance	36,437	27,424	4,835,715	2,018,645
68	Banks and trust companies	15,212	14,298	3,218,966	1,139,053
69	Long-term credit agencies, mortgage companies, except banks.	2,847	1,728	38,037	11,960
70	Short-term credit agencies, except banks	4,155	2,887	323,234	83,137
71	Investment trusts and investment companies	3,784	2,812	374,978	307,178
72	Other investment companies, including holding-companies.	1,990	1,509	550,275	383,244
73	Security and commodity-exchange brokers and dealers.	1,402	910	190,334	47,764
74	Other finance companies	1,573	686	80,046	26,565
75	Finance not allocable	5,474	2,594	59,845	19,444
76	Insurance carriers, agents, etc	8,234	6,131	3,385,006	1,478,953
77	Insurance carriers	2,185	1,679	3,090,427	1,434,072
78	Insurance agents, brokers, etc	6,049	4,452	294,579	44,881
79	Real estate, including lessors of buildings	101,221	65,248	2,366,514	668,693
80	Lessors of real property, except buildings	6,674	3,475	241,874	122,814
81	Construction	16,971	11,161	3,732,496	269,904
82	**Agriculture, forestry, and fishery**	**7,020**	**4,260**	**1,138,035**	**205,244**
83	Agriculture and services	6,353	3,914	1,078,783	194,311
84	Forestry	338	200	29,547	7,226
85	Fishery	329	146	29,705	3,707
86	Nature of business not allocable	17,057	2,211	181,875	24,007

[1] See note 1, table 377.
[2] Includes returns with net income, returns with no net income, and returns of inactive corporations.
[3] See note 2, table 375.
[4] See note 3, table 375.
[5] See note 6, table 375.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

PILED RECEIPTS, NET INCOME OR DEFICIT, TOTAL TAX, AND DIVIDENDS PAID, BY IN-
1946—Continued

See headnote and footnotes, table 375]

RETURNS WITH NET INCOME—continued				RETURNS WITH NO NET INCOME				Line number
Taxes			Dividends paid in cash and assets other than own stock	Number of returns	Total compiled receipts [3]	Deficit [4]	Dividends paid in cash and assets other than own stock	
Total tax	Income tax	Excess profits tax [5]						
293,069	**276,818**	**16,251**	**203,589**	**13,479**	**773,183**	**72,068**	**1,500**	56
46,698	45,071	1,627	20,535	1,336	132,701	11,496	688	57
21,861	21,303	558	13,636	2,703	153,850	8,231	339	58
36,840	36,076	764	27,753	2,878	203,643	10,939	110	59
7,046	6,893	153	2,663	865	29,123	1,868	9	60
2,239	2,210	29	775	629	20,889	2,039	4	61
128,316	116,746	11,570	113,276	854	58,643	13,408	35	62
37,092	35,680	1,412	18,831	1,956	74,007	12,208	60	63
12,372	12,237	135	5,680	2,118	91,147	10,772	250	64
605	602	3	440	140	9,180	1,107	5	65
736,663	**733,346**	**3,317**	**1,246,201**	**42,095**	**1,562,441**	**284,621**	**46,319**	66
447,959	446,103	1,856	923,729	7,551	108,707	69,857	13,266	67
329,239	328,611	628	306,405	613	28,118	12,885	1,866	68
3,037	3,019	18	3,149	1,010	4,498	2,948	453	69
26,819	26,392	427	34,879	972	24,353	8,567	252	70
18,544	18,544	----------	251,430	888	4,266	6,961	1,034	71
43,643	43,636	7	294,467	438	12,098	11,932	3,023	72
12,808	12,485	323	12,714	422	19,734	5,475	810	73
8,978	8,530	448	9,255	663	7,871	7,744	1,228	74
4,891	4,886	5	11,430	2,545	7,769	13,545	4,600	75
67,556	67,504	52	112,905	1,839	1,012,448	70,236	20,640	76
55,103	55,102	1	98,760	447	981,749	68,225	20,563	77
12,453	12,402	51	14,145	1,392	30,699	2,011	77	78
178,742	177,364	1,378	138,723	30,043	409,929	126,105	10,033	79
42,406	42,375	31	70,844	2,662	31,357	18,423	2,380	80
83,675	82,883	792	35,996	4,688	588,065	37,916	2,319	81
67,955	**65,511**	**2,444**	**33,448**	**2,403**	**136,560**	**21,669**	**610**	82
64,857	62,436	2,421	28,440	2,127	128,700	19,837	591	83
1,883	1,883	----------	4,262	121	1,922	938	1	84
1,215	1,192	23	746	155	5,938	894	18	85
6,530	6,412	118	4,648	3,268	31,005	7,203	2,801	86

No. 379.—Federal Gift Tax Returns—Summary: 1942 to 1945

[Money figures and net gift classes in thousands of dollars]

ITEM	TOTAL				1945: TAXABLE RETURNS—NET GIFT CLASSES					1945 nontaxable returns, no net gifts
	1942	1943	1944	1945	Under 50	50–200	200–600	600–1,000	1,000 and over	
Number of returns [1]	16,906	16,987	18,397	20,095	4,871	553	92	7	17	14,555
Total gifts before exclusions	480,223	412,655	499,012	535,559	147,555	66,598	37,576	6,573	30,438	246,820
Real estate	66,000	53,486	70,840	77,397	23,174	8,221	2,079			43,923
Stocks and bonds	240,610	198,263	250,014	261,116	64,770	34,587	26,128	5,168	25,433	105,029
Cash	86,619	84,910	100,582	117,054	33,660	14,111	6,074	271	2,542	60,396
Insurance	10,389	7,156	8,508	8,604	3,671	1,453	18	7	96	3,360
Miscellaneous	76,605	68,840	69,068	71,387	22,280	8,225	3,276	1,127	2,367	34,112
Exclusions [2]	96,480	80,721	87,840	94,347	27,984	4,725	861	126	294	60,357
Total gifts after exclusions	383,743	331,934	411,172	441,212	119,571	61,873	36,715	6,447	30,144	186,463
Deductions	263,091	207,997	262,752	271,586	65,207	10,220	6,504	819	2,373	186,463
Charitable gifts after exclusions	40,281	37,359	71,124	61,996	16,801	4,231	5,815	819	2,310	32,020
Specific exemption [3]	222,809	170,639	191,629	209,590	48,406	5,989	690		63	154,443
Net gifts	120,653	123,936	148,420	169,625	54,364	51,653	30,210	5,628	27,770	
Tax	24,665	29,637	37,781	36,633	6,409	10,226	7,884	1,610	10,503	

[1] For 1942, return is required of every citizen or resident of U. S. who transferred by gift during calendar year to any one donee, property exceeding $4,000 in value or who, regardless of value, made a gift of future interest in property or a gift in trust; for 1943-45, return is required for transfer of property by gift, including gifts in trust, exceeding $3,000, or for gift of future interest in property, regardless of value. A nonresident alien is similarly required to file return if gift consists of property situated in the United States.

[2] There is allowed exclusion of first $4,000 of gifts made to any one donee during the calendar year 1942, except gifts in trust or of future interest in property; for 1943–45, there is allowed exclusion of first $3,000 of gifts made to any one donee during calendar year, except gifts of future interest in property.

[3] Specific exemption may be taken in 1 year or spread over a period of years at option of donor. The specific exemption allowed for 1942 is $40,000, and for 1943–45 is $30,000; less the sum of amounts allowed in prior years.

No. 380.—Federal Estate Tax Returns—Summary: 1930 to 1945

[**All money figures in thousands of dollars.** An estate tax return is required to be filed (1) for estate of every citizen and resident alien who died (*a*) in period Sept. 9, 1916, through 10:24 a. m., Feb. 26, 1926, or in period 5 p. m., June 6, 1932, through Aug. 30, 1935, the value of whose gross estate exceeds $50,000; (*b*) in period 10:25 a. m., Feb. 26, 1926, through 4:59 p. m., June 6, 1932, the value of whose gross estate exceeds $100,000; (*c*) in period Aug. 31, 1935 through Oct. 21, 1942, the value of whose gross estate exceeds $40,000; and (*d*) on or after Oct. 22, 1942, the value of whose gross estate exceeds $60,000; and (2) for estate of every nonresident alien who died (*a*) prior to Oct. 22, 1942, any part of whose estate is situated in U. S., at date of death; and (*b*) on or after Oct. 22, 1942, only if gross estate situated in U. S., at date of death exceeds $2,000. The estate of an individual who died after 5 p. m., June 6, 1932, is subject to 2 Federal estate taxes—basic tax and additional tax. Basic tax is computed at rates provided by Revenue Act of 1926, which rates are embodied in Internal Revenue Code as basic estate tax. Additional tax is excess of tentative tax computed at rates provided by act in force at date of death, over basic tax]

FILING PERIOD	RETURNS FILED		GROSS ESTATE		NET TAXABLE ESTATE [1]		TAX [1]	
	Citizens [2] and resident aliens	Nonresident aliens [3]	Citizens [2] and resident aliens	Nonresident aliens [3]	Citizens [2] and resident aliens	Nonresident aliens [3]	Citizens [2] and resident aliens	Nonresident aliens [3]
1930	8,798	1,584	4,108,517	57,106	2,376,973	50,481	39,003	2,614
1931	8,333	1,556	4,042,381	33,195	2,327,319	29,013	44,540	660
1932	7,113	1,394	2,795,818	34,570	1,391,569	31,868	22,364	1,310
1933	8,727	1,548	2,026,931	34,025	970,868	30,056	59,429	1,986
1934	10,353	1,500	2,244,107	23,178	1,150,533	20,033	95,228	988
1935	11,110	1,614	2,435,282	24,609	1,316,838	22,888	153,763	1,703
1936	11,605	1,716	2,296,257	16,163	1,245,395	14,627	195,301	1,069
1937	15,037	1,995	2,767,739	26,019	1,622,618	23,995	305,784	2,665
1938	15,932	1,710	3,046,977	22,648	1,724,589	20,670	314,620	2,182
1939	15,221	1,705	2,746,143	21,745	1,537,975	20,347	276,707	2,231
1940	15,435	1,441	2,632,659	15,540	1,479,268	13,916	250,360	1,196
1941	15,977	1,145	2,777,657	15,783	1,561,215	14,553	291,758	1,641
1942	16,215	1,181	2,724,513	12,620	1,524,881	11,455	308,342	1,349
1943	15,187	846	2,627,367	10,471	1,396,697	8,703	362,164	1,212
1944	14,303	554	2,907,620	8,712	1,508,953	7,272	404,635	1,146
1945	15,898	652	3,436,901	13,524	1,900,159	10,997	531,052	1,876

[1] Net taxable estate for 1933 and subsequent years is net estate for additional tax plus regular net estate for returns filed under the 1926 and prior acts. Tax shown is total net estate tax liability—the sum of net basic tax and net additional tax—and includes defense tax (10 percent of net tax) effective only for estates of individuals who died in period June 26, 1940, through Sept. 20, 1941.

[2] Excludes returns for estates of nonresident citizens who died prior to May 11, 1934.

[3] Includes returns for estates of nonresident citizens who died prior to May 11, 1934.

Source of tables 379 and 380: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 1.

No. 381.—Estate Tax Returns for Estates of Citizens [1] and Resident Aliens, Filed During 1942 to 1945

[Money figures and net estate before specific exemption classes in thousands of dollars]

Item	1942	1943	1944	Total, 1945	Nontaxable, 1945	Taxable, 1945						
						Taxed under 1935 and subsequent acts, by net estate before specific exemption classes [2]						Taxable under 1934 and prior acts
						40–50	50–200	200–600	600–1,000	1,000–5,000	5,000 and over	
Number of returns	16,215	15,187	14,303	15,898	2,029	49	11,082	2,130	337	234	28	9
Gross estate, total	**2,724,513**	**2,627,367**	**2,907,620**	**3,436,901**	**191,277**	**2,736**	**1,325,376**	**816,471**	**306,883**	**523,111**	**270,027**	**1,020**
Real estate	465,274	427,615	440,268	521,570	56,974	978	295,163	101,242	27,946	26,536	12,590	140
Federal Government bonds	152,444	190,057	202,004	289,245	13,885	51	97,861	68,478	30,134	44,430	34,389	16
State and municipal bonds	182,209	171,356	159,584	195,391	3,753	2	16,377	28,055	17,339	68,400	61,260	4
Corporation bonds	140,868	131,071	129,430	137,059	6,656	19	51,623	41,587	13,935	14,612	8,609	18
Capital stock of corporations	1,061,758	988,175	1,142,620	1,358,301	45,308	632	391,955	362,423	154,107	282,764	120,783	329
Mortgages, notes, and cash	472,226	444,136	417,264	453,532	32,107	512	225,116	100,342	29,021	48,506	17,699	230
Insurance, taxable	73,314	96,763	201,779	237,212	15,341	83	134,238	57,761	13,139	13,271	3,374	6
All other property	176,421	178,194	214,672	244,592	17,255	457	112,844	56,582	21,262	24,592	11,323	276
Deductions, total	**1,251,795**	**1,299,349**	**1,437,313**	**1,570,660**	**224,169**	**2,481**	**875,658**	**255,727**	**70,272**	**112,452**	**29,215**	**686**
Funeral and administrative expenses	131,701	123,988	125,023	147,759	10,733	144	58,732	35,108	12,962	19,616	10,425	40
Debts, mortgages, and liens	259,309	264,851	218,312	210,555	45,523	333	77,873	41,548	14,486	25,097	5,603	92
Losses during administration	334	226	339	259	81	----------	133	42	----------	----------	3	----------
Support of dependents	11,320	11,295	12,732	15,764	1,078	6	8,098	4,284	1,171	1,049	78	----------
Charitable, public, and similar bequests	154,633	185,581	201,897	191,701	45,414	4	45,351	33,876	14,902	46,385	5,764	5
Property previously taxed, net deduction	44,748	42,778	39,161	55,272	900	34	22,713	13,168	6,531	6,264	5,662	----------
Specific exemption [3]	649,750	670,630	839,850	949,350	120,440	1,960	662,760	127,700	20,220	14,040	1,680	550
Disallowed deductions [4]	----------	116	5,871	3,796	2,770	----------	967	60	----------	----------	----------	----------
Allowable deductions	1,251,795	1,299,233	1,431,442	1,566,864	221,400	2,481	874,692	255,667	70,272	112,452	29,215	686
Net estate before exemption [5]	2,122,468	1,998,765	2,316,028	2,819,387	90,317	2,215	1,113,445	688,504	256,831	424,700	242,492	883
Net estate for basic tax [6]	1,077,143	981,019	1,168,503	1,507,312	----------	----------	165,820	476,908	223,328	401,406	239,718	132
Net estate, for additional tax [7]	1,524,634	1,396,316	1,508,768	1,900,046	----------	255	450,685	560,804	236,611	410,660	240,812	220
Basic tax before tax credits	60,449	46,306	58,710	81,923	----------	----------	1,973	12,435	8,940	26,758	31,816	1
Additional tax before tax credits	270,224	351,888	393,501	514,200	----------	8	71,246	138,195	64,202	129,537	111,006	6
Total tax before tax credits	**330,673**	**398,194**	**452,211**	**596,123**	----------	**8**	**73,219**	**150,630**	**73,142**	**156,295**	**142,821**	**8**
Tax credits [8]	45,969	36,312	47,588	65,080	----------	----------	1,613	9,990	7,022	20,972	25,481	1
Net tax	**284,705**	**361,882**	**404,624**	**531,044**	----------	**8**	**71,606**	**140,640**	**66,120**	**135,323**	**117,340**	**7**
Defense tax	23,637	282	11	8	----------	(9)	8	----------	----------	----------	----------	----------
Total tax liability	**308,342**	**362,164**	**404,635**	**531,052**	----------	**8**	**71,615**	**140,640**	**66,120**	**135,323**	**117,340**	**7**

[1] See note 2, table 380.

[2] Net estate classes are based on amount of net estate for additional tax plus specific exemption. (See note 3.)

[3] The specific exemption tabulated (a) for estates subject to additional tax is $60,000 under 1942 act; $40,000 under 1941, 1940, and 1935 acts: $50,000 under 1934 and 1932 acts; and (b) for estates subject to earlier acts is $100,000 under 1926 act; and $50,000 under 1924 and prior acts.

[4] Represents excess of total amount of funeral and administrative expenses, debts of decedents, mortgages and liens, and support of dependents, over value of property includible in gross estate subject to claims.

[5] Excess of gross estate over allowable deductions, exclusive of specific exemption.

[6] Net estate after deducting specific exemption of $100,000, except for returns filed under 1924 or prior acts for which specific exemption is $50,000.

[7] Applies only to estates of individuals who died subsequent to June 6, 1932.

[8] Credits for (a) estate, inheritance, legacy, or succession taxes paid to States, etc., and (b) gift taxes paid to the Federal Government.

[9] Less than $500.

Source: Treasury Dept., Bur. of Internal Revenue; Statistics of Income, Part 1.

879805°—50——22

No. 382.—Public Debt of the United States: 1800 to 1949

[**All figures except per capita in millions of dollars.** On basis of public debt accounts prior to 1920 and on basis of daily Treasury statements for 1920 and thereafter. See also *Historical Statistics*, series P 132-143]

JUNE 30—[1]	GROSS DEBT		Interest bearing [3]	Matured	Non-interest bearing [4]	JUNE 30—[1]	GROSS DEBT		Interest bearing [3]	Matured	Non-interest bearing [4]
	Amount	Per capita [2]					Amount	Per capita [2]			
1800	83	$15.87				1914	1,188	$11.99	968	2	219
1810	53	7.46				1915	1,191	11.85	970	2	220
1820	91	9.58				1916	1,225	12.02	972	1	252
1830	49	3.83				1917	2,976	28.77	2,713	14	249
1840	4	.21				1918	12,244	117.11	11,986	20	238
1850	63	2.77				1919	25,482	242.54	25,234	11	236
1855	36	1.30	35	[5]		1920	24,299	228.23	24,063	7	230
1860	65	2.06	65	[5]		1921	23,977	220.91	23,739	11	228
1865	2,678	75.01	2,218	2	458	1922	22,963	208.65	22,710	25	228
1870	2,436	61.06	2,036	4	397	1923	22,350	199.64	22,007	99	244
1875	2,156	47.84	1,709	11	436	1924	21,251	186.23	20,981	30	239
1880	2,091	41.60	1,710	8	373	1925	20,516	177.12	20,211	30	275
1885	1,579	27.86	1,182	4	392	1926	19,643	167.32	19,384	13	246
1890	1,122	17.80	711	2	409	1927	18,512	155.51	18,253	15	245
1891	1,006	15.63	611	2	394	1928	17,604	146.09	17,318	45	241
1892	968	14.74	585	3	380	1929	16,931	139.04	16,639	51	241
1893	961	14.36	585	2	374	1930	16,185	131.51	15,922	32	232
1894	1,017	14.89	635	2	380	1931	16,801	135.45	16,520	52	230
1895	1,097	15.76	716	2	379	1932	19,487	156.10	19,161	60	266
1896	1,223	17.25	847	2	374	1933	22,539	179.48	22,158	66	315
1897	1,227	16.99	847	1	378	1934	27,053	214.07	26,480	54	518
1898	1,233	16.77	847	1	384	1935	28,701	225.55	27,645	231	825
1899	1,437	19.21	1,046	1	389	1936	33,779	263.79	32,989	169	620
1900	1,263	16.60	1,023	1	239	1937	36,425	282.75	35,800	119	506
1901	1,222	15.74	987	1	233	1938	37,165	286.27	36,576	141	447
1902	1,178	14.88	931	1	246	1939	40,440	308.98	39,886	142	411
1903	1,159	14.38	915	1	244	1940	42,968	325.59	42,376	205	386
1904	1,136	13.83	895	2	239	1941	48,961	367.57	48,387	205	369
1905	1,132	13.51	895	1	236	1942	72,422	537.80	71,968	98	356
1906	1,143	13.37	895	1	246	1943	136,696	1,001.46	135,380	141	1,175
1907	1,147	13.19	895	1	251	1944	201,003	1,455.67	199,543	201	1,259
1908	1,178	13.28	898	4	276	1945	258,682	1,853.21	256,357	269	2,057
1909	1,148	12.69	913	3	232	1946	269,422	1,907.62	268,111	376	935
1910	1,147	12.41	913	2	231	1947	258,286	1,793.23	255,113	231	2,942
1911	1,154	12.29	915	2	237	1948	252,292	1,721.30	250,063	280	1,949
1912	1,194	12.52	964	2	228	1949	252,770	1,695.46	250,762	245	1,764
1913	1,193	12.27	966	2	226						

JUNE 30—	INTEREST-BEARING DEBT							Special issues to Govt. agencies and trust funds
	Total	Computed—		Bonds		Notes [6]	Certificates of indebtedness, Treasury bills	
		Annual interest charge	Annual interest rate (percent)	U. S. savings	Other			
1925	20,211	830	4.105		16,842	2,740	533	95
1930	15,922	606	3.807		12,111	1,626	1,420	764
1935	27,645	751	2.716	62	14,874	10,023	2,053	633
1940	42,376	1,095	2.583	2,905	27,012	6,383	1,302	4,775
1941	48,387	1,218	2.518	4,314	30,652	5,698	1,603	6,120
1942	71,968	1,644	2.285	10,188	38,588	9,703	5,604	7,885
1943	135,380	2,679	1.979	21,256	58,164	16,663	28,425	10,871
1944	199,543	3,849	1.929	34,606	80,132	26,962	43,557	14,287
1945	256,357	4,964	1.936	45,586	107,149	33,633	51,177	18,812
1946	268,111	5,351	1.996	49,035	119,929	24,972	51,843	22,332
1947	255,113	5,374	2.107	51,367	121,607	13,702	41,071	27,366
1948	250,063	5,455	2.182	53,274	114,464	15,769	36,345	30,211
1949	250,762	5,606	2.236	56,260	112,306	8,456	40,964	32,776

[1] Figures for 1800-50 are as of Jan. 1.
[2] Revised in accordance with Bureau of Census estimated population for continental United States as of July 1 of each year beginning 1850.
[3] Excludes bonds issued to Pacific railways and Navy pension fund.
[4] Includes old demand notes; U. S. notes (gold reserve deducted since 1900); postal currency and fractional currency less amounts officially estimated to have been destroyed; and also deposits held by Treasury for various purposes. Excludes gold, silver and currency certificates, and Treasury notes of 1890 for redemption of which an exact equivalent of the respective kinds of money or bullion was held in the Treasury.
[5] Less than $500,000. [6] Includes old Treasury (war) saving securities for 1925.

Source: Treasury Department; Annual Report of the Secretary and Statement of the Public Debt published in Daily Statement of the U. S. Treasury.

No. 383.— Public and Private Debt: 1929 to 1948

[In billions of dollars. Data as of end of calender year except for State and local government debt as of June 30. See general note, p. 307]

Year	Public and private, total	Public			Private						
		Total	Federal	State and local	Total	Corporate		Individual and noncorporate			
								Mortgage		Nonmortgage	
						Long-term	Short-term	Farm	Nonfarm [1]	Farm [2]	Nonfarm [3]
	GROSS DEBT										
1929	214.4	34.8	17.5	17.2	179.6	56.6	50.4	9.6	31.7	2.6	28.7
1930	214.8	35.8	17.3	18.5	179.0	61.1	46.3	9.4	32.7	2.4	27.1
1931	204.0	38.6	19.1	19.5	165.4	60.1	40.3	9.1	31.7	2.0	22 3
1932	196.3	42.4	22.8	19.6	153.8	58.8	37.3	8.5	30.1	1.6	17.5
1933	191.7	47.5	27.7	19.8	144 2	57.2	35.2	7.7	27.6	1.4	15.2
1934	198.4	57.0	37.9	19.2	141.4	53.2	37.4	7.6	26.8	1.3	15.1
1935	201.4	61.0	41.7	19.3	140.4	52.0	37.8	7.4	26.1	1.5	15.6
1936	207.0	64.7	45.1	19.6	142.3	50.5	40.4	7.2	25.7	1.4	17.1
1937	209.8	67.4	47.8	19.6	142.4	51.5	38.7	7.0	25.7	1.7	17.8
1938	204.9	67.0	47.4	19.6	137.9	52.8	33.9	6.8	25.9	2.2	16.2
1939	208.9	70.1	50.1	20.0	138.8	52.1	34.7	6.6	26.3	2.3	16.8
1940	216.8	73.8	53.6	20.2	143 0	51.2	37.7	6.5	27.2	2.6	17.7
1941	243.3	89.2	69.0	20.2	154 0	51.2	46.3	6.4	28.4	2.9	18.8
1942	300.7	142 9	123 2	19.6	157.8	50.2	56.2	6.0	27.9	2.9	14.7
1943	365.1	205.4	186.7	18.7	159.7	48.4	62.0	5.4	27.2	2.8	14.1
1944	431.7	271.2	253.7	17.5	160.5	47.0	62.0	4.9	27.0	2.8	16.8
1945	464.1	309.2	292.6	16.6	154.9	45.3	54.2	4.7	27.8	2.5	20.5
1946	459.2	288.1	272.1	15.9	171.1	48.4	60.9	4.8	33.4	2.8	20.9
1947	482.5	286 6	269.8	16.8	195.9	53.4	69.8	4.9	39.9	3.6	24.4
1948	493.2	276.6	257.9	18.7	216.6	59.3	72.7	5.1	46.4	5.4	27.7
	NET DEBT										
1929	191.1	29.7	16.5	13.2	161.5	47.3	41.6	9.6	31.7	2.6	28.7
1930	191.4	30.6	16.5	14.1	160.8	51.1	38.2	9.4	32.7	2.4	27.1
1931	182.6	34.0	18.5	15.5	148.6	50.3	33.2	9.1	31.7	2.0	22.3
1932	175.7	37 9	21.3	16.6	137.8	49.2	30.8	8.5	30.1	1.6	17.5
1933	169.7	41.0	24.3	16.7	128.8	47.9	29.1	7.7	27.6	1.4	15.2
1934	172.6	46.3	30.4	15.9	126.3	44.6	30.9	7.6	26.8	1.3	15.1
1935	175 9	50.5	34.4	16.0	125.4	43.6	31.2	7.4	26.1	1.5	15.6
1936	181.4	53.9	37.7	16.2	127.5	42.5	33.5	7.2	25.7	1.4	17.1
1937	183.3	55 3	39.2	16.1	128.0	43.5	32.3	7.0	25.7	1.7	17.8
1938	180.9	56.5	40.5	16.0	124.4	44.8	28.4	6.8	25.9	2.2	16.2
1939	184.5	58.9	42.6	16.3	125.6	44.4	29.2	6.6	26.3	2.3	16.8
1940	190.9	61.3	44.8	16.5	129.6	43.7	31.9	6.5	27.2	2.6	17.7
1941	212.6	72.6	56.3	16.3	139.9	43.6	39.8	6.4	28.4	2.9	18.8
1942	260.6	117.5	101.7	15.8	143.1	42.7	49.0	6.0	27.9	2.9	14.7
1943	314.3	169.3	154.4	14.9	144.9	41.0	54.5	5.4	27.2	2.8	14.1
1944	371.6	226.0	211.9	14.1	145.7	39.8	54.3	4.9	27.0	2.8	16.8
1945	407.2	266.5	252.7	13.7	140.7	38.3	47.0	4.7	27.8	2.5	20.5
1946	398.7	243.3	229.7	13.6	155.4	41.3	52.2	4.8	33.4	2.8	20.9
1947	415.1	237.7	223.3	14.4	177.4	44.8	59.9	4.9	39.9	3.6	24.4
1948	429.4	232.7	216.5	16.2	196.7	49.6	62.5	5.1	46.4	5.4	27.7

[1] Data are for noncorporate borrowers only.
[2] Comprises non-real-estate farm debt contracted for productive purposes and owed to institutional lenders.
[3] Comprises debt incurred for commercial (nonfarm), financial and consumer purposes, including debt owed by farmers for financial and consumer purposes.

Source: Department of Commerce, Office of Business Economics (based upon data from various governmental agencies); Survey of Current Business, October 1949.

No. 384.—Computed Interest Charge and Interest Rate on Federal Securities: 1914 to 1949

[**In millions of dollars.** Based on *Daily Treasury Statement*]

JUNE 30—	TOTAL INTEREST-BEARING SECURITIES[1]			JUNE 30—	TOTAL INTEREST-BEARING SECURITIES[1]		
	Amount outstanding	Computed annual interest charge	Computed annual interest rate (percent)		Amount outstanding	Computed annual interest charge	Computed annual interest rate (percent)
1914	968	23	2.36	1932	19,161	672	3.50
1915	970	23	2.36	1933	22,158	742	3.35
1916	972	23	2.38	1934	27,161	861	3.17
1917	2,713	84	3.12	1935	31,768	863	2.72
1918	11,986	469	3.91	1936	37,707	970	2.57
1919	25,234	1,054	4.18	1937	40,465	1,047	2.59
1920	24,062	1,017	4.22	1938	41,428	1,068	2.58
1921	23,739	1,030	4.34	1939	45,336	1,149	2.53
1922	22,710	963	4.24	1940	47,874	1,203	2.51
1923	22,007	927	4.21	1941	54,747	1,335	2.44
1924	20,981	877	4.18	1942	76,517	1,729	2.26
1925	20,211	830	4.10	1943	139,472	2,759	1.98
1926	19,384	793	4.09	1944	201,059	3,869	1.93
1927	18,253	723	3.96	1945	256,766	4,969	1.94
1928	17,318	671	3.88	1946	268,578	5,357	2.00
1929	16,639	657	3.95	1947	255,197	5,376	2.11
1930	15,922	606	3.81	1948	250,132	5,457	2.18
1931	16,520	589	3.57	1949	250,785	5,606	2.24

[1] Comprises public debt and guaranteed securities, except those held by Treasury.

Source: Treasury Department; Annual Report of the Secretary and Treasury Bulletin.

No. 385.—Ownership of U. S. Government Securities, Direct and Fully Guaranteed, as of June 30: 1925 to 1949

[**Par value.**[1] **In millions of dollars.** Holdings of Federal Reserve Banks and U. S. Government agencies and trust funds are reported figures; holdings of other investor groups for 1940–1949 are estimates by Treasury Department]

ITEM	1925	1930	1935	1940	1945	1947	1948	1949
Interest-bearing securities, total	20,211	15,922	31,768	47,874	256,766	255,197	250,132	250,785
Gross debt, total[2]	**20,516**	**16,185**	**32,824**	**48,496**	**259,115**	**258,376**	**252,366**	**252,798**
Held by banks, total	4,985	5,568	15,149	18,566	105,992	91,872	85,966	82,343
Commercial banks[3]	4,632	4,977	12,716	16,100	84,200	70,000	64,600	63,000
Federal Reserve Banks	353	591	2,433	2,466	21,792	21,872	21,366	19,343
Held by nonbank investors, total	15,531	10,617	17,675	29,930	153,123	166,504	166,400	170,455
Individuals[4]	(5)	(5)	(5)	10,300	59,800	67,100	67,000	68,900
Insurance companies	(5)	(5)	2,600	6,500	22,700	25,000	23,200	20,900
Mutual savings banks	1,128	519	1,542	3,100	9,600	12,100	12,000	11,600
Other corporations and associations[6]	(5)	(5)	(5)	2,500	30,900	22,300	20,700	22,700
State and local government[7]	(5)	(5)	(5)	400	5,300	7,100	7,800	8,000
U. S. Government agencies and trust funds:								
Special issues	95	764	633	4,775	18,812	27,366	30,211	32,776
Public issues	434	237	1,389	2,305	6,128	5,445	5,538	5,498

[1] Holdings of commercial banks and mutual savings banks for 1925 to 1935 are reported book values, and holdings of residual investors therefore deviate from par values in these years. U. S. savings bonds, Series A–F, included at current redemption value.

[2] Includes all securities issued or guaranteed by U. S. Government, but excludes guaranteed securities held by the Treasury.

[3] Consists of commercial banks, trust companies, and stock savings banks in United States and in Territories and insular possessions. Figures exclude securities held in trust departments.

[4] Includes partnerships and personal trust accounts.

[5] Not available separately. Combined totals of these items as follows: 1925, $13,874,000,000; 1930, $9,097,000,000; and 1935, $11,511,000,000.

[6] Includes savings and loan associations, dealers and brokers, and investments of foreign balances and international acounts in this country.

[7] Comprises trust, sinking, and investment funds of State and local governments and their agencies, and Territories and insular possessions.

Source: 1925 to 1935, Board of Governors, Federal Reserve System; Banking and Monetary Statistics. 1940–49, Treasury Department, monthly data published currently in Treasury Bulletin and Federal Reserve Bulletin.

No. 386.—Interest-Bearing Governmental Securities—Estimated Ownership Outstanding, by Issuer: 1941 to 1949

[Figures represent par values with following exceptions: (1) Holdings of commercial and mutual savings banks of securities of Federal instrumentalities not guaranteed by U. S. and of State and local governments, Territories, and possessions are book values, (2) holdings of these securities by individuals are residuals, and so deviate from par values in those cases where figures for commercial and mutual savings banks are book values, (3) in the case of data which include U. S. savings bonds, Series A–D, E, and F, figures for these bonds represent current redemption values]

[Par value. In billions of dollars]

JUNE 30—	Total amount outstanding	HELD BY BANKS			HELD BY NONBANK INVESTORS						
		Total	Commercial banks	Federal Reserve Banks	Total	Individuals [1]	Insurance companies	Mutual savings banks	Other corporations and associations [2]	State and local governments [3]	U. S. Government agencies and trust funds
	Total all governmental securities										
1941	77.0	26.1	24.0	2.2	50.8	19.4	9.3	3.9	3.7	4.5	10.0
1942	98.2	33.0	30.3	2.6	65.2	26.1	11.4	4.3	6.6	4.7	12.2
1943	159.9	63.5	56.3	7.2	96.3	38.4	14.8	5.5	16.7	5.3	15.5
1944	219.8	87.4	72 5	14.9	132.4	52.8	18.9	7.5	26.9	6.6	19.9
1945	274.2	110.3	88.5	21.8	164 0	65.8	24.1	9.7	30.7	8.2	25.4
1946	285.4	113.3	89 5	23.8	172.1	69.8	26.5	11.5	25 9	8.8	29.6
1947	272.3	97.3	75.4	21.9	175.0	73.0	26.1	12.2	20.8	9.5	33.3
1948	269.4	92.1	70.8	21.4	177.2	73.7	24.5	12.2	20.3	10.3	36.2
1949	272.2	89.1	69.7	19.3	183.1	77.0	22.5	11.8	22.4	10.7	38.7
	Securities of U. S. Government and Federal instrumentalities guaranteed by U. S.[4]										
1941	54.7	21.8	19.7	2.2	32.9	10.9	7.1	3.4	2.4	.6	8.5
1942	76.5	28.7	26.0	2.6	47.8	17.9	9.2	3.9	5.4	.9	10.6
1943	139.5	59.4	52.2	7.2	80.0	30.3	13.1	5.3	15.5	1.5	14.3
1944	201.1	83.3	68.4	14.9	117.7	45.1	17.3	7.3	25.8	3.2	19.1
1945	256.8	106 0	84.2	21.8	150.8	58.5	22.7	9.6	29.8	5.3	24.9
1946	268.6	108.2	84.4	23.8	160 4	62.9	25.3	11.5	25.2	6.5	29.1
1947	255.2	91.9	70.0	21.9	163.3	66.1	25.0	12 1	20.1	7.1	32.8
1948	250.1	85.9	64.6	21.4	164.2	66.0	23.2	12.0	19.5	7.8	35.7
1949	250.8	82.4	63.0	19.3	168.4	68.0	20.9	11.6	21.6	8.0	38.3
	Securities of Federal instrumentalities not guaranteed by United States										
1941	2.2	.6	.6	-------	1.6	.6	(5)	(5)	.2	-------	.8
1942	2.2	.7	.7	-------	1.5	.6	(5)	(5)	.1	-------	.8
1943	1.9	.6	.6	-------	1.3	.6	(5)	(5)	.1	-------	.6
1944	1.5	.6	.6	-------	.9	.6	(5)	(5)	.1	-------	.2
1945	1.0	.5	.5	-------	.5	.4	(5)	(5)	.1	-------	(5)
1946	1.1	1.0	1.0	-------	.1	.1	(5)	(5)	(5)	-------	-------
1947	.5	.4	.4	-------	.1	.1	(5)	(5)	(5)	-------	-------
1948	.8	.6	.6	-------	.2	.1	(5)	.1	(5)	-------	-------
1949	.9	.7	.7	-------	.2	.1	(5)	.1	(5)	-------	-------
	Securities of State and local governments, Territories, and possessions [6]										
1941	20.0	3.7	3.7	-------	16.3	7.9	2.2	.5	1.1	3.9	.7
1942	19.5	3.6	3.6	-------	15.9	7.6	2.2	.4	1.1	3.9	.7
1943	18.5	3.5	3.5	-------	15.0	7.5	1.7	.2	1.1	3.8	.6
1944	17.3	3.5	3.5	-------	13.8	7.1	1.6	.2	1.0	3.4	.6
1945	16.4	3.8	3.8	-------	12.6	6.9	1.4	.1	.8	2.9	.5
1946	15.7	4.1	4.1	-------	11.6	6.8	1.2	.1	.7	2.4	.5
1947	16.6	5.0	5.0	-------	11.6	6.8	1.2	.1	.6	2.4	.5
1948	18.4	5.6	5.6	-------	12.8	7.6	1.3	.1	.8	2.5	.5
1949	20.5	6.0	6.0	-------	14.5	8.9	1.6	.1	.8	2.7	.4

[1] Includes partnerships, personal trust accounts.
[2] Includes savings and loan associations, dealers and brokers, and investments of foreign balances in this country.
[3] Comprises trust, sinking, and investment funds of State and local governments, Territories, and possessions.
[4] Data on daily Treasury statement basis. Since data exclude noninterest bearing debt, they differ slightly from those in table 385. Includes special issues to Federal agencies and trust funds, and excludes guaranteed securities held by Treasury and transactions in Commodity Credit Corporation demand obligations which had not been reported in time for inclusion in statement published in Daily Treasury Statement for fiscal year.
[5] Less than $50 million. [6] Excludes obligations of the Philippine Islands after June 30, 1946.

Source: Treasury Department, Annual Report of the Secretary.

No. 387.—Interest-Bearing Securities Issued by All Governmental Units in the United States—Estimated Amounts Outstanding, by Tax Status and Issuer: 1913 to 1949

[U. S. Govt. data on basis of public debt accounts prior to 1920; beginning 1920, on basis of Daily Treasury Statement. "Total amount outstanding" of securities of the several issuers differs from gross indebtedness of these issuers in that former excludes noninterest-bearing debt. "Total privately held securities" differs from net indebtedness of borrowers in several additional respects. Former derived by deducting from total amount of interest-bearing securities outstanding the amount of such securities held by Federal agencies, Federal Reserve Banks, and by public sinking, trust, and investment funds. Net indebtedness derived by deducting from gross indebtedness an amount equivalent to total volume of sinking fund assets of respective borrowers, with no allowance for any other public assets. For exceptions to par value, see table 386]

[Par value. In millions of dollars]

JUNE 30—	Total	TAX STATUS					ISSUER			
		Tax-exempt			Taxable [3]	U. S. Govt. special issues	U. S. Govt.	Federal instrumentalities		State local, and territorial governments [6]
		Total	Wholly [1]	Partially [2]				Guaranteed [4]	Nonguaranteed [5]	
TOTAL AMOUNT OUTSTANDING										
1913	5,523	5,523	5,523				966			4,557
1915	6,420	6,420	6,420				970			5,450
1920	32,253	32,253	11,303	20,950			21,063		401	7,790
1925	34,681	34,586	16,645	17,941		95	20,211		1,506	12,965
1930	35,943	35,179	23,606	11,573		764	15,922		1,871	18,150
1935	53,283	52,650	34,446	18,204		633	27,645	4,123	2,399	19,116
1937	62,020	60,459	35,034	25,425	3	1,558	35,800	4,665	2,257	19,298
1938	63,001	60,320	32,278	28,042	6	2,676	36,576	4,853	2,262	19,310
1939	67,362	63,583	30,873	32,710	9	3,770	39,886	5,450	2,265	19,761
1940	70,117	65,327	30,240	35,087	15	4,775	42,376	5,498	2,199	20,044
1941	76,954	62,855	26,823	36,032	7,979	6,120	48,387	6,360	2,200	20,007
1942	98,244	58,594	25,498	33,096	31,766	7,885	71,968	4,549	2,210	19,517
1943	159,858	55,322	23,052	32,270	93,665	10,871	135,380	4,092	1,852	18,534
1944	219,826	47,326	19,837	27,489	158,213	14,287	199,543	1,516	1,453	17,314
1945	274,191	42,847	17,191	25,656	212,532	18,812	256,357	409	1,008	16,417
1946	285,407	37,250	15,916	21,335	225,824	22,332	268,111	467	1,093	15,736
1947	272,274	37,685	16,746	20,939	207,222	27,366	255,197	[7]	497	16,580
1948	260,358	36,389	18,563	17,826	202,758	30,211	250,132	[7]	827	18,399
1949	272,199	36,887	20,700	16,187	202,536	32,776	250,785	[7]	876	20,538
PRIVATELY HELD SECURITIES										
a. 1913–35: Includes holdings by trust and investment funds of States, localities, territories, and possessions.										
1913	4,902	4,902	4,902				966			3,936
1915	5,675	5,675	5,675				961			4,714
1920	30,420	30,420	10,024	20,396			23,476		235	6,709
1925	31,914	31,914	14,748	17,167			19,328		1,384	11,202
1930	31,786	31,786	20,714	11,072			14,303		1,765	15,718
1935	45,782	45,782	29,172	16,610			23,502	3,757	1,471	17,052
b. 1937–49: Excludes holdings by trust and investment funds of States, localities, territories, and possessions.										
1937	50,759	50,756	28,255	22,501	3		29,774	4,302	1,422	15,261
1938	50,340	50,335	25,351	24,984	6		29,249	4,528	1,415	15,148
1939	53,553	53,545	24,166	29,379	9		31,344	5,164	1,421	15,624
1940	55,005	54,989	23,884	31,105	15		32,691	5,212	1,355	15,746
1941	60,229	52,614	20,568	32,046	7,615		37,364	6,086	1,385	15,394
1942	78,671	48,800	19,398	29,402	29,873		58,113	4,261	1,386	14,911
1943	131,846	46,588	17,688	28,900	85,258		112,682	3,806	1,292	14,068
1944	178,440	40,342	15,555	24,788	138,098		162,535	1,335	1,267	13,302
1945	218,815	37,080	13,770	23,310	181,735		204,374	403	1,007	13,030
1946	223,191	32,710	13,035	19,675	190,481		208,748	458	1,093	12,892
1947	207,577	[8]	13,804	[8]	[8]		193,406	[7]	497	13,674
1948	201,468	[8]	15,537	[8]	[8]		185,231	[7]	827	15,410
1949	203,443	[8]	17,523	[8]	[8]		185,169	[7]	876	17,39

[1] Securities the income from which is exempt from both normal and surtax rates of Federal income tax.
[2] Securities the income from which is exempt only from normal rates of Federal income tax.
[3] Securities the income from which is subject to both normal and surtax rates of Federal income tax.
[4] Guaranteed securities consist of Commodity Credit Corporation notes, Home Owners' Loan Corporation bonds (including those guaranteed as to interest only), Reconstruction Finance Corporation notes, Tennessee Valley Authority bonds, Federal Public Housing Authority (formerly United States Housing Authority) notes, Federal Farm Mortgage Corporation bonds, and Federal Housing Administration debentures. Excludes stocks, interagency loans, and securities held by Treasury.
[5] Includes Electric Home and Farm Authority notes, Federal intermediate credit bank debentures, Federal National Mortgage Association notes, home loan bank debentures, War Finance Corporation bonds (World War I), and joint stock land bank bonds. Includes Federal land bank bonds only through June 30, 1946; on June 27, 1947, United States proprietary interest in these banks ended. Excludes stocks and interagency loans.
[6] Wholly tax-exempt. [7] Included with U. S. Govt. [8] Not available.

Source: Treasury Department, Annual Report of the Secretary.

No. 388.—Securities Other Than World War I Obligations of Foreign Governments Owned by the U. S. Government: June 30, 1949

[**All figures in thousands of dollars.** On basis of face value of securities received by United States, with due allowance for repayments. To extent that securities are not held in the custody of Treasury, statement is made from reports received from other Government departments and establishments]

Security	Amount
Total face amount	**17,002,686**
Capital stock	**2,087,638**
Banks for cooperatives	178,500
Commodity Credit Corporation	100,000
Defense Homes Corporation	10,000
Export-Import Bank of Washington	1,000,000
Federal Crop Insurance Corporation	100,000
Federal Farm Mortgage Corporation	10
Federal home loan banks	102,493
Federal intermediate credit banks	60,000
Federal National Mortgage Association	20,000
Federal Savings and Loan Insurance Corporation	100,000
Home Owners' Loan Corporation	200,000
Inland Waterways Corporation	14,000
Panama Railroad Company	(1)
Production credit corporations	46,235
Public Housing Administration	1,000
Reconstruction Finance Corporation	100,000
Smaller War Plants Corporation	54,400
Virgin Islands Company, The	(2)
War Damage Corporation	1,000
Paid-in surplus: [3]	
Federal National Mortgage Association	1,000
Federal intermediate credit banks	500
Bonds and notes	**6,851,062**
Commodity Credit Corporation	1,669,000
Economic Cooperation Administration	782,007
Export-Import Bank of Washington	913,900
Federal Farm Mortgage Corporation	500
Home Owners' Loan Corporation	125,000
Public Housing Administration	337,000
Reconstruction Finance Corporation	1,856,213
Rural Electrification Administration	1,015,193
Secretary of the Army: Natural fibers revolving fund	100,000
Tennessee Valley Authority	51,500
Virgin Islands Company, The	750
Other securities	**8,084,486**
Production and disaster loans, etc	2,410
Farm Credit Administration: Loans from Agricultural Marketing Act revolving fund	75,371
Farmers' Home Administration:	
Emergency crop and feed loans	81,771
Rural rehabilitation loans to farmers, etc	441,189
Other securities—Continued.	
Federal Housing Administration:	
Mortgage notes and contracts on sales of acquired real estate	20,362
Stock in rental and war housing corpns	156
Title I defaulted notes	31,758
Public Housing Administration:	
Public war housing program	8,686
Farm Security Administration program	1,023
Homes conversion program	46
Fed. Sec. Agency: Student war loans	1,442
Federal Works Agency:	
Loans to States, municipalities, railroads, and others	86,645
Community facilities loans	2,013
Interior Department: Indian loans	7,449
Department of the Navy:	
Sale of surplus property (World War I)	600
Guaranteed loans (World War II)	489
Puerto Rico Reconstruction Adm.:	
Loans	7,368
Certificates of Cafeteros de Puerto Rico	3
Rural Electrification Administration:	
Advances to cooperatives, States, and private utilities	[4] 137,714
TVA: Counties and municipalities	1,198
Treasury Department:	
Federal savings and loan associations	137
Railroads	5,959
Securities recd. by Bur. Int. Rev. in settlements of tax liabilities	214
Advances to Federal Reserve Banks	27,546
Subscriptions to International Bank for Reconstruction and Development and to International Monetary Fund	3,385,000
Credit to United Kingdom	3,750,000
Veterans' Administration: Guaranteed loans to veterans	2,580
Department of the Army: Guaranteed loans (World War II)	5,357
Less:	
Face amount of above securities acquired by Government corporations from corporate funds or by exchange for corporate obligations	22,000
Capital stock: RFC	21,000
Paid-in surplus: RFC	1,000

Amount due U. S. from central branch Union Pacific Railroad on account of bonds issued (Pacific Railroad Aid Bonds Acts, approved July 1, 1862, July 2, 1864, and May 7, 1878):

Principal	1,600
Interest	1,502
Total	3,102

[1] Issued to United States as of July 1, 1948, a receipt for $1 as evidence of ownership of the Corporation by United States. Remainder of capital stock, $6,999,999 included in surplus.

[2] Less than $500.

[3] Excludes net payments from Treasury, or transfer of assets authorized by law, for which no formal receipts or other evidences of payments are held by Secretary of the Treasury in stock and nonstock corporations amounting to $1,197,742,000.

[4] Excludes $1,015,193,000, shown under "Bonds and notes." This sum represents funds borrowed from Treasury.

Source: Tresaury Department, Annual Report of the Secretary.

No. 389.—U. S. Savings Bonds—Total Sales and Redemptions of all Series From Inception of Program Through Dec. 31, 1949

[*In millions of dollars.* On basis of Daily Treasury Statement. Sales at issue price; redemptions and amount outstanding at current redemption values. Series A–D bonds sold from March 1935 through April 1941; Series E, F, and G bonds sold since May 1, 1941]

SERIES	Sales [1]	Accrued discount	Sales plus accrued discount	Redemptions [2]	AMOUNTS OUTSTANDING		Percent of redemptions to sales plus accrued discount
					Matured debt	Interest-bearing debt	
Total, Series A–G	**85,603**	**4,486**	**90,089**	**33,179**	**203**	**56,707**	
Matured series, total	**2,445**	**642**	**3,087**	**2,884**	**203**		
Series A	204	52	255	251	4		
Series B	370	93	463	455	8		
Series C	1,010	264	1,274	1,232	42		
Series D–1939	862	233	1,095	946	148		
Unmatured series, total	**83,158**	**3,844**	**87,002**	**30,295**		**56,707**	**34.82**
Series D–1940 and D–1941	1,503	358	1,862	421		1,440	22.64
Series E	56,662	3,201	59,863	26,097		33,766	43.59
Series F	4,371	284	4,655	1,041		3,615	22.36
Series G	20,622		20,622	2,735		17,887	13.26

[1] Beginning with June 1947, Series E sales include small amounts of unclassified sales consisting of Series E, F, and G. Prior to June 1947, it was possible to distribute by series all sales reported as unclassified in Daily Treasury Statement.

[2] Series E redemptions include small amounts of unclassified Series A–D redemptions beginning with October 1944, and small amounts also of unclassified F and G redemptions, beginning with June 1947.

Source: Treasury Department; Treasury Bulletin, February 1950.

No. 390.—U. S. Savings Bonds—Amounts Outstanding, Sales, and Redemptions and Maturities, by Quarters: December 1941 to December 1949

[In millions of dollars]

YEAR AND QUARTER ENDING—	Amount outstanding at end of period	FUNDS RECEIVED FROM SALES DURING QUARTER				Redemptions and maturities during quarter (all series)
		All series	Series E	Series F	Series G	
1941—December	6,140	[1] 3,036	1,145	208	1,185	168
1942—June	10,188	4,120	2,585	294	1,242	119
December	15,050	5,037	3,404	358	1,274	230
1943—June	21,256	6,752	4,867	400	1,485	618
December	27,363	6,977	5,477	345	1,155	967
1944—June	34,606	3,331	2,580	150	602	764
December	40,361	4,104	3,261	181	663	1,148
1945—June	45,586	4,556	3,347	264	945	1,233
December	48,183	3,062	2,283	145	634	1,709
1946—June	49,035	1,833	1,054	78	702	1,691
December	49,776	1,548	990	73	485	1,410
1947—March	50,945	2,280	1,300	128	851	1,329
June	51,367	1,542	954	82	506	1,309
September	51,759	1,485	937	68	480	1,292
December	52,053	1,387	893	64	430	1,196
1948—March	52,988	1,966	1,229	114	623	1,280
June	53,274	1,397	967	56	375	1,345
September	54,776	2,558	1,016	277	1,264	1,287
December	55,051	1,374	1,012	51	311	1,232
1949—March	55,893	1,836	1,239	87	510	1,285
June	56,260	1,373	1,012	57	304	1,264
September	56,600	1,358	1,006	47	305	1,275
December	56,707	1,267	951	43	273	1,277

[1] Including $499,000,000 Series "D."

Source: Board of Governors of the Federal Reserve System; monthly data are published currently in Federal Reserve Bulletin.

No. 391.—U. S. Savings Bonds—Sales of Series E, F, and G, by States: 1941 to 1949

[**In thousands of dollars.** Data are for calendar years and represent issue price on basis of Daily Treasury Statement]

STATE	SERIES E SAVINGS BONDS				SERIES F AND G SAVINGS BONDS			
	1941–49, total	1947	1948	1949	1941–49, total	1947	1948	1949
Total	**56,661,638**	**4,084,965**	**4,223,555**	**4,207,598**	**24,992,745**	**2,609,194**	**3,071,476**	**1,625,782**
Alabama	622,405	34,744	32,099	31,312	182,336	17,615	18,920	12,975
Arizona	199,319	13,795	13,234	13,976	55,918	6,442	4,195	4,431
Arkansas	356,229	25,403	23,715	24,253	109,051	11,509	9,351	7,414
California	4,377,047	296,598	259,696	265,004	1,551,806	175,805	137,489	94,414
Colorado	450,929	39,297	35,485	36,100	204,697	25,542	19,854	15,168
Connecticut	976,023	52,102	52,385	50,837	474,418	36,156	65,118	25,495
Delaware	131,367	8,599	8,109	9,130	85,110	6,872	6,091	4,615
District of Columbia	691,531	66,028	44,669	43,867	213,170	23,455	24,592	13,868
Florida	676,259	44,572	43,378	44,657	269,445	29,938	26,971	19,152
Georgia	678,720	44,640	39,745	41,078	223,058	20,708	17,868	14,188
Idaho	176,333	13,462	11,412	9,382	56,387	7,993	4,628	4,457
Illinois	4,307,482	363,170	381,355	379,317	1,989,891	243,571	243,071	165,740
Indiana	1,496,214	109,030	110,381	111,466	595,857	74,315	72,131	51,830
Iowa	1,463,647	167,141	160,895	150,888	686,281	112,855	95,551	69,514
Kansas	858,611	89,062	80,591	80,939	309,896	45,990	37,961	30,207
Kentucky	606,502	45,805	43,695	44,993	312,290	40,140	31,655	25,235
Louisiana	614,044	38,892	37,214	36,910	227,321	21,150	16,836	11,974
Maine	241,649	13,880	14,232	14,554	143,914	12,855	16,287	8,396
Maryland	711,422	43,105	41,150	41,663	362,031	37,177	43,604	21,323
Massachusetts	1,809,508	106,282	107,455	110,166	1,204,115	112,068	161,247	67,380
Michigan	2,919,298	172,585	186,653	201,095	709,492	73,079	72,158	52,842
Minnesota	1,213,787	102,513	97,461	93,110	509,184	63,470	54,210	41,025
Mississippi	374,889	24,307	22,820	22,350	125,515	13,323	10,874	7,176
Missouri	1,463,510	121,763	123,400	128,040	676,591	81,738	66,680	52,484
Montana	285,052	26,394	24,009	24,891	86,414	12,025	10,040	7,414
Nebraska	725,939	91,610	83,603	74,538	306,853	53,363	45,312	30,270
Nevada	65,631	4,387	3,698	3,801	23,769	2,565	1,697	1,771
New Hampshire	151,572	8,568	8,054	7,763	96,774	9,792	9,847	4,712
New Jersey	2,048,217	131,067	142,443	153,359	763,866	79,988	71,262	54,444
New Mexico	130,717	9,594	8,731	9,344	46,588	4,103	4,323	3,512
New York	6,811,974	454,856	494,892	496,910	4,001,346	381,636	495,525	249,415
North Carolina	722,991	54,645	44,498	39,711	269,166	30,640	22,234	14,043
North Dakota	301,264	32,456	28,731	27,941	102,839	15,131	11,652	8,375
Ohio	3,378,802	230,520	241,378	242,409	1,361,712	148,269	150,411	96,050
Oklahoma	683,139	62,319	54,089	55,454	189,493	24,079	22,831	17,289
Oregon	672,588	39,163	35,541	35,634	195,101	21,459	17,740	12,336
Pennsylvania	4,271,003	306,352	314,759	324,821	1,920,570	196,705	173,394	124,294
Rhode Island	303,287	17,757	18,468	18,320	180,675	16,945	17,647	8,662
South Carolina	355,729	24,230	21,438	20,147	127,377	13,657	11,813	6,421
South Dakota	319,096	43,251	40,803	35,681	102,484	19,551	16,048	11,080
Tennessee	665,120	43,313	40,024	39,065	242,721	27,079	24,750	16,031
Texas	2,166,472	134,650	134,900	139,045	654,461	68,245	56,858	46,384
Utah	237,395	15,378	13,068	12,639	52,685	5,579	6,205	4,495
Vermont	87,840	5,290	4,935	4,540	53,245	5,608	4,807	3,071
Virginia	956,236	72,767	60,201	55,166	314,776	34,328	26,314	15,350
Washington	1,079,920	63,778	57,039	62,824	336,909	36,212	37,037	21,352
West Virginia	502,034	44,791	44,546	41,571	134,992	17,776	17,421	9,197
Wisconsin	1,268,533	101,693	97,195	97,475	653,081	83,603	77,146	53,930
Wyoming	117,166	9,281	9,041	9,465	41,909	5,562	4,159	3,262
Alaska	[1] 30,075	690	----------	----------	[1] 5,349	33	----------	----------
Canal Zone	36,966	3,194	3,140	3,493	7,219	354	312	277
Hawaii	278,829	10,480	4,805	10,114	66,005	5,520	4,137	1,944
Puerto Rico	39,571	1,710	1,103	927	13,926	148	154	73
Virgin Islands	1,906	50	31	43	843	----------	31	----------
Other possessions	3,595	519	966	1,129	966	2	35	26
Sales to commercial banks[2]	----------	----------	----------	----------	1,321,775	----------	426,295	----------
Adjustment to Daily Treasury Statement	+546,259	+3,441	+216,197	+174,298	+41,081	−4,528	+46,697	−20,994

[1] Cumulative through Mar. 31, 1947.
[2] Commercial banks were eligible to purchase Series F and G for limited amounts during certain months. Sales not distributed by States.

Source: Treasury Department; Annual Report of the Secretary and Treasury Bulletin.

No. 392.—Government Corporations and Credit Agencies—Principal Assets and Liabilities as of September 30, 1949

[In millions of dollars]

Corporation or agency	Assets, other than interagency items [1]								Liabilities, other than interagency items			U. S. Government interest	Privately owned interest
	Total	Cash	Loans receivable	Commodities, supplies, and materials	Investments		Land, structures, and equipment	Other assets	Bonds, notes, and debentures payable		Other liabilities		
					U. S. Govt. securities	Other securities [2]			Fully guaranteed by U. S.	Other			
Total [3]	**22,594**	**379**	**11,720**	**1,596**	**2,069**	**3,501**	**2,933**	**396**	**28**	**856**	**1,074**	**20,460**	**177**
Department of Agriculture:													
Farm Credit Administration:													
Banks for cooperatives	341	21	274		43		(4)	3		51	1	271	18
Federal intermediate credit banks	655	36	551		62			6		600	6	49	
Production credit corporations	64	1			38	24		(4)			(4)	63	
Agricultural Marketing Act Revolving Fund	2	(4)	1					1			(4)	2	
Federal Farm Mortgage Corporation	63	3	58					2	1		1	61	
Rural Electrification Administration	1,277	25	1,232				(4)	20			(4)	1,277	
Commodity Credit Corporation	2,321	10	834	1,411			9	57	10		338	1,972	
Farmers' Home Administration [5]	367	43	260		1		3	60			5	363	
Federal Crop Insurance Corporation	42	33						10			5	38	
Housing and Home Finance Agency:													
Home Loan Bank Board:													
Federal home loan banks	701	20	339		340		(4)	2		204	243	96	158
Federal Savings and Loan Insurance Corporation	214	(4)			210			4			5	209	
Home Owners' Loan Corporation	312	13	288		8	2		1	2	(4)	14	296	
Public Housing Administration	1,704	6	294	(4)		(4)	1,376	29	(4)		16	1,687	
Federal Housing Administration	250	36	20		174	(4)	1	19	14		185	50	
Federal National Mortgage Association	640		637					3			6	635	
Reconstruction Finance Corporation:													
Assets held for U. S. Treasury [6]	828		2	154		3	607	61				828	
Other [7]	1,009	4	876			87	2	41			71	938	
Export-Import Bank	2,176	(4)	2,160				(4)	15			107	2,069	
Federal Deposit Insurance Corporation	1,207	2	(4)	(4)	1,193		(4)	11			37	1,169	
Federal Works Agency	171	(4)	89				71	12			8	163	
Tennessee Valley Authority	852	10	1	15			821	5			14	838	
All other [8]	7,396	114	3,805	15	(4)	3,385	43	34			12	7,384	

[1] Assets are shown on a net basis, i. e., after reserve for losses.

[2] Includes U. S. investment of $635 million in stock of International Bank for Reconstruction and Development and its subscription of $2,750 million to International Monetary Fund.

[3] Excludes U. S. Maritime Commission. Latest available figures for this agency are as of Mar. 31, 1947.

[4] Less than $500,000.

[5] Includes assets and liabilities of Regional Agricultural Credit Corporation.

[6] Represents unrecovered costs for national defense, war, and reconversion activities held for liquidation purposes.

[7] Includes figures for Smaller War Plants Corporations being liquidated by RFC.

[8] Figures for one small agency are for a date other than Sept. 30, 1949.

Source: Board of Governors of the Federal Reserve System; Federal Reserve Bulletin, January 1950.

15. State and Local Government Finances and Employment

Sources.—Statistics in this section are from the Bureau of the Census, Department of Commerce. Most of the tables are based upon recent reports in the regular Census series on *State Finances, City Finances, Governmental Finances in the United States,* and *Government Employment.* Some of the statistics here are from the most recent decennial Census of Governments, which related to the year 1942 and was designed to obtain and report basic data concerning all governmental units in the United States. A descriptive leaflet, *Census Bureau Publications on Governments,* is issued annually by the Bureau. Summary series of data based on annual and decennial Census reporting for years up to 1946 are available in the publication, *Historical Review of State and Local Government Finances.*

Compilation of data.—Financial statistics of States and large cities (those over 250,000 population) which appear in this section were mainly compiled by representatives of the Bureau of the Census directly from official accounts and records of these governments, with the advice and assistance of local officers and employees. Financial data for other local governments were compiled from audits, reports or tabulations available in State offices or obtained from the individual units by mail canvass. State and local employment data were also obtained by mail canvass. The Federal Government amounts which appear in certain tables relating to all levels of government are based upon data supplied to the Census Bureau by other Federal agencies.

Relation to State and local records.—Nation-wide statistics on governmental finances and employment must be compiled and presented in accordance with uniform concepts and categories, rather than according to the highly diverse terminology, organization, and fund structure of individual governments. Accordingly, financial statistics which appear in this section for particular States and large cities, although based upon their official records and reports, will not agree directly with specific amounts in such original sources except where particular segments of the government's accounts conform explicitly with standard Census reporting categories.

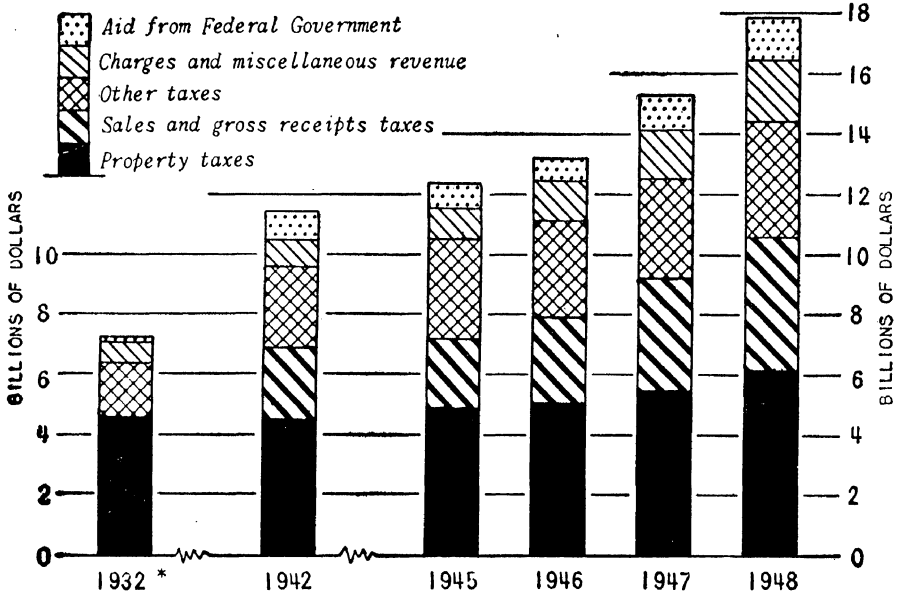
Terminology.—Financial statistics in this section relate primarily to "general government," as distinct from operation of enterprises and the finances of governmental trust and sinking funds. The terms "general revenue," "general expenditure" and "general debt" are applied accordingly. All tax amounts, however, are reported as general revenue; any tax collections deposited directly into trust or sinking funds are therefore included in general revenue and, as contributions to trust funds or provision for debt retirement, respectively, in general expenditure. As reported here, revenue excludes receipts from borrowings, and expenditure includes provision for debt retirement. The Census reports from which the various tables are drawn include detailed definitions of concepts and terminology.

Fiscal years.—Unless otherwise stated, financial data in this section relate to the fiscal years of the respective governmental units, as summarized in table 394. Federal and State government amounts are for fiscal years ending on June 30 of the year specified, except for 7 States with earlier closing dates—3 in the same calendar year and 4 in the latter part of the preceding calendar year. Local government figures are for fiscal years ending in the specified calendar year except for the few units which close their fiscal years in the succeeding January.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics,* series P 188–201") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945.* In that historical supplement to the *Statistical Abstract,* statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

FIGURE N.—STATE AND LOCAL GOVERNMENT REVENUE, BY SOURCE: 1932 TO 1948

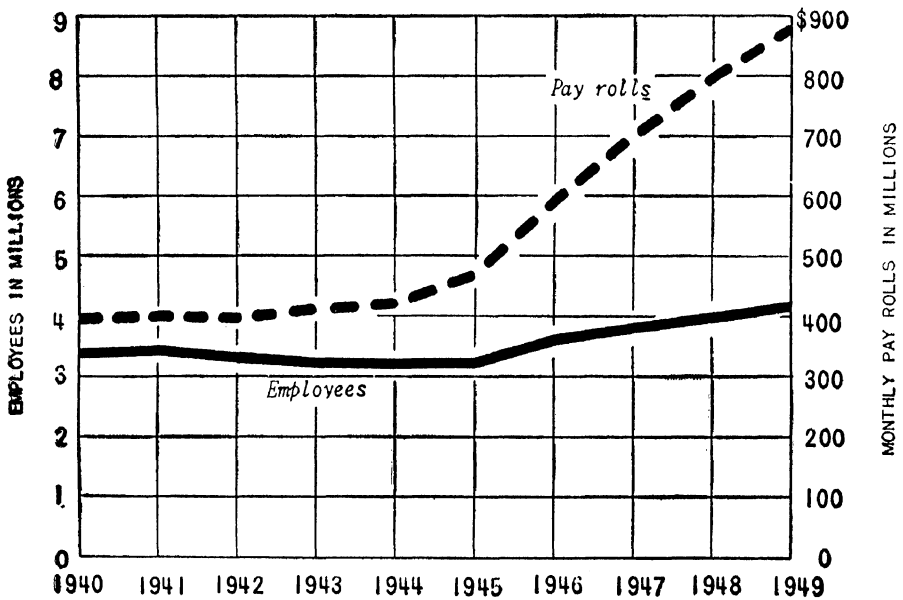
[See tables 398 and 399]



*"Other taxes" include sales and gross receipts taxes.

FIGURE O.—EMPLOYEES AND MONTHLY PAY ROLLS OF STATE AND LOCAL GOVERNMENTS AS OF OCTOBER: 1940 to 1949.

[See table 404]



Source of figures N and O: Department of Commerce, Bureau of the Census.

No. 393.—Governmental Units in the United States, by States and by Type of Government: 1942

Region and State	All governmental units [1]	Counties	Townships and towns	Municipalities			School districts	Special districts
				Total	Urban [2]	Rural		
Total	**155,116**	**3,050**	**18,919**	**16,220**	**3,332**	**12,888**	**108,579**	**8,299**
Northeast	17,085	205	4,184	2,144	834	1,310	9,369	1,174
North Central	96,595	1,051	14,667	7,721	1,099	6,622	70,297	2,847
South	25,130	1,386		4,756	999	3,757	17,061	1,911
West	16,305	408	68	1,599	400	1,199	11,852	2,367
Alabama	511	67		275	60	215	110	58
Arizona	499	14		33	16	17	397	54
Arkansas	3,705	75		374	53	321	2,644	611
California	4,149	[3] 57		286	167	119	2,809	996
Colorado	2,358	[3] 62		239	30	209	1,937	119
Connecticut	349	8	154	37	27	10	14	135
Delaware	70	3		51	8	43	14	1
District of Columbia	2			1	1			1
Florida	503	67		267	70	197	67	101
Georgia	946	159		470	77	393	222	94
Idaho	1,666	44		152	26	126	1,148	321
Illinois	15,854	102	1,434	1,137	208	929	12,138	1,042
Indiana	3,043	92	1,010	529	98	431	1,182	229
Iowa	7,519	99	1,608	932	89	843	4,861	18
Kansas	11,115	105	1,524	589	64	525	8,632	264
Kentucky	771	120		285	56	229	261	104
Louisiana	523	[4] 63		194	54	140	67	198
Maine	584	16	482	51	26	25		34
Maryland	207	23		142	22	120		41
Massachusetts	409	[4] 13	312	39	39			44
Michigan	8,106	83	1,265	479	126	353	6,270	8
Minnesota	10,398	87	1,884	752	78	674	7,673	1
Mississippi	1,792	82		270	48	222	1,189	250
Missouri	10,740	114	329	734	87	647	8,613	949
Montana	2,175	56		115	23	92	1,932	71
Nebraska	8,307	93	476	530	36	494	7,009	198
Nevada	163	17		12	5	7	115	18
New Hampshire	546	10	223	11	11		231	70
New Jersey	1,143	21	235	331	164	167	490	65
New Mexico	225	31		64	22	42	105	24
New York	8,339	[4] 57	932	610	202	408	6,064	675
North Carolina	603	100		431	76	355		71
North Dakota	4,066	53	1,399	333	12	321	2,272	8
Ohio	4,021	88	1,339	890	186	704	1,655	48
Oklahoma	5,100	77		499	74	425	4,518	5
Oregon	2,332	36		193	34	159	1,844	258
Pennsylvania	5,263	[4] 66	1,575	984	345	639	2,546	91
Rhode Island	54	([5])	32	7	7			14
South Carolina	2,057	46		241	51	190	1,744	25
South Dakota	4,919	[6] 64	1,128	301	19	282	3,423	2
Tennessee	328	95		206	57	149	11	15
Texas	7,360	254		637	196	441	6,159	309
Utah	303	29		201	25	176	40	32
Vermont	398	14	239	74	13	61	24	46
Virginia	323	100		208	53	155		14
Washington	1,906	39	68	221	40	181	1,148	429
West Virginia	326	55		205	45	160	55	10
Wisconsin	8,508	71	1,271	515	94	421	6,569	81
Wyoming	531	23		83	12	71	377	47

[1] Includes Federal Government and 48 State governments.
[2] Incorporated places having more than 2,500 inhabitants.
[3] The City and County of San Francisco in California and the City and County of Denver in Colorado are counted as cities and not as counties.
[4] Following counties are counted only as cities because they are wholly or very largely consolidated with cities indicated: Orleans Parish with New Orleans City; Suffolk County with Boston City; Bronx, Kings, New York, Queens, and Richmond Counties, with New York City; Philadelphia County with Philadelphia City.
[5] Counties not organized as local governments.
[6] County areas of Armstrong, Shannon, Todd, Washabaugh, and Washington are unorganized as counties and are attached for administrative purposes to neighboring counties.

Source: Department of Commerce, Bureau of the Census; Governmental Units in the United States, 1942.

No. 394.—Fiscal Year Endings of State and Local Governments, by Month and by Type of Government

[Data chiefly as of 1945]

TYPE OF GOVERNMENT	Number of governments	MONTH IN WHICH FISCAL YEAR ENDS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total	[1] 155,115	**437**	**1,987**	**8,373**	**3,350**	**240**	**104,057**	**3,812**	**6,565**	**1,430**	**176**	**143**	**24,545**
States (1949)	48			[2] 2		[3] 1	41		[4] 1	[5] 2			[6] 1
Counties	3,050	62		4	2	6	871	5	59	252	51	82	1,656
Cities	16,220	85	542	1,823	1,897	186	2,547	18	125	761	80	21	8,135
Populations over 25,000 (1948)	397	19	2	24	15	3	78	2	4	23	1	2	224
Populations under 25,000	15,823	66	540	1,799	1,882	183	2,469	16	121	738	79	19	7,911
Townships	18,919	239	1,434	6,075	1,273	4	19	8	95	34	5		9,733
School districts	108,579				[7] 2		98,578	[8] 3,729	[9] 6,160	[10] 110			
Special districts	8,299	51	11	469	176	43	2,001	52	125	271	40	40	5,020

[1] Excludes Federal Government, whose fiscal year ends June 30.
[2] Washington and New York.
[3] Pennsylvania.
[4] Texas.
[5] Alabama and Wyoming.
[6] Ohio.
[7] 2 school districts in Connecticut.
[8] 1,182 school districts in Indiana, 2,546 in Pennsylvania, and 1 in Connecticut.
[9] 6,159 school districts in Texas and 1 in Connecticut.
[10] 110 school districts in Alabama.

Source: Department of Commerce, Bureau of the Census; Fiscal Years of State and Local Governments (Special Study No. 24), and annual reports, Compendium of City Government Finances in 1948, and Compendium of State Government Finances in 1949.

No. 395.—Federal, State, and Local General Revenue Before and After Intergovernmental Aid: 1947 and 1948

[**In millions of dollars.** Differences between totals of fiscal aid received and fiscal aid paid primarily reflect variance in fiscal years among governments]

ITEM	TOTAL		FEDERAL		STATE AND LOCAL					
					Total		State		Local	
	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948
Revenue from own sources	52,071	57,261	37,936	40,890	14,135	16,371	7,323	8,587	6,811	7,784
Aid from other governments [1]	3,765	4,708			3,765	4,708	1,157	1,439	2,608	3,269
Total gross revenue	55,836	61,968	37,936	40,890	17,900	21,078	8,481	10,025	9,419	11,053
Aid to other governments [1]	3,776	4,736	1,163	1,492	2,613	3,244	2,549	3,167	64	77
Revenue for own purposes	52,059	57,233	36,773	39,398	15,287	17,834	5,931	6,858	9,355	10,976

[1] Comprises money grants and shared revenue; excludes grants in kind and loans.

Source: Department of Commerce, Bureau of the Census; annual report, Governmental Revenue in 1948.

No. 396.—State and Local Governments—General Revenue and Expenditure for Selected Years: 1890 to 1948

[In millions of dollars. Amounts for "State and local governments" exclude duplicating fiscal aid—that between State and local governments. Thus only fiscal aid transactions with the Federal Government are reflected in the fiscal aid totals. See also *Historical Statistics*, series P 188–200]

ITEM	1890	1902	1913 [1]	1932	1942	1945	1946	1947	1948
GENERAL REVENUE									
State and local governments, total	562	968	1,602	7,416	11,390	12,384	13,242	15,298	17,862
Taxes:									
Property	443	706	1,083	4,682	4,544	4,802	4,990	5,507	6,134
Other	58	154	269	1,677	5,068	5,645	6,138	7,019	8,279
Aid received from other governments	------	7	9	238	854	808	793	1,163	1,492
Charges and miscellaneous	61	101	241	820	925	1,127	1,322	1,609	1,957
State governments, total	107	176	345	2,317	6,100	6,729	7,198	8,481	10,025
Taxes:									
Property	69	82	140	328	271	276	253	261	279
Other	27	74	161	1,562	4,708	5,284	5,715	6,429	7,512
Aid received from other governments	------	3	3	228	809	759	767	1,157	1,439
Charges and miscellaneous	11	17	41	199	312	410	462	633	796
Local governments, total	455	846	1,326	6,004	7,040	7,546	8,243	9,419	11,053
Taxes:									
Property	374	624	943	4,353	4,273	4,526	4,737	5,246	5,856
Other	31	80	108	115	359	362	422	589	766
Aid received from other governments	------	58	75	915	1,795	1,939	2,225	2,608	3,269
Charges and miscellaneous	50	84	200	621	613	718	859	976	1,162
GENERAL EXPENDITURES									
State and local governments, total (excluding provision for debt retirement)	560	1,016	1,751	8,406	10,034				
Operation	[3] 478	782	1,165	5,533	7,216				
Capital outlay	[3] 35	168	442	2,056	1,017	[2]	[2]	[2]	[2]
Interest	47	67	135	724	515				
Contributions to trust funds and enterprises [4]	[5]	[5]	9	92	1,285				
State governments, total (excluding provision for debt retirement)	72	182	378	2,734	5,515	5,775	6,216	7,953	10,221
Operation	[3] 63	115	229	1,058	1,914	2,253	2,579	3,318	4,351
Aid paid to other governments	------	[6] 54	[6] 87	[6] 764	1,749	1,838	2,044	2,549	3,167
Capital outlay	([7])	2	48	775	615	267	356	949	1,425
Interest	9	10	14	114	110	80	70	63	71
Contributions to trust funds and enterprises [4]	------	[7]	[7]	23	1,126	1,336	1,168	1,073	1,206
Local governments, total (excluding provision for debt retirement)	488	888	1,460	6,501	6,315				
Operation	[3] 415	667	936	4,476	5,301				
Aid paid to other governments	------	------	------	65	48				
Capital outlay	[3] 35	166	394	1,281	402	[2]	[2]	[2]	[2]
Interest	38	57	121	610	406				
Contributions to trust funds and enterprises [4]	------	[7]	[8] 9	[8] 69	159				

[1] Omits revenue and expenditure of incorporated places having less than 2,500 inhabitants, school districts overlying such places, townships, and special districts.
[2] Not available.
[3] A nonsegregable amount of capital outlay is included in "operation."
[4] Contains contributions to enterprises and to retirement and other trust funds for States from 1941 to 1945 and for cities for 1942. Other data refer only to contributions to retirement funds.
[5] Included in operation; amounts not separable.
[6] Comprises only school and highway grants; other grants included in "operation."
[7] Less than $500,000.
[8] Pension payments of city corporations and overlying local governments of cities having 30,000 inhabitants or more; originally included in "operation."

Source: Department of Commerce, Bureau of the Census; Historical Review of State and Local Government Finances (June 1948) and annual reports, Governmental Revenue in 1948, and Compendium of State Government Finances in 1948.

No. 397.—Summary of Finances of Federal, State, and Local Governments: 1942

[In millions of dollars. See also *Historical Statistics*, series P 188–201 for historical data on State and local government finances]

ITEM	Total	Federal [1]	STATE AND LOCAL							
			Total	State	Local					
					Total	Counties	Cities	Towns and townships	School districts [2]	Special districts
GENERAL REVENUE										
Total	[3] 24,159	13,623	[3] 11,390	6,100	7,040	1,650	3,118	344	1,779	148
Taxes	23,027	13,417	9,611	4,979	4,632	938	2,298	254	1,052	90
Individual income	3,527	3,251	276	249	27	-------	27	-------	-------	-------
Corporate income	4,998	4,726	272	269	3	-------	3	-------	-------	-------
Property	4,544	-------	4,544	271	4,273	893	1,999	245	1,051	90
Sales and gross receipts and customs	5,687	3,334	2,353	2,220	133	3	126	-------	-------	-------
Pay roll	2,350	1,267	1,084	1,076	8	-------	8	-------	-------	-------
Licenses, permits, and other taxes	1,921	839	1,082	893	189	43	135	10	1	-------
Aid received from other governments	-------	[4]	[3] 854	809	1,795	562	515	72	641	5
State	-------	[4]	-------	-------	1,716	551	479	68	616	2
Other	-------	[4]	[3] 854	809	79	11	36	4	25	3
Earnings and miscellaneous	1,131	206	925	312	613	150	306	17	86	54
GENERAL EXPENDITURE										
Total	[3] 44,602	34,320	[3] 11,118	5,820	7,096	1,629	3,184	344	1,783	156
Provision for debt retirement	1,086	[5]	1,086	305	781	192	363	40	141	44
Total less provision for debt retirement	[3] 43,516	34,320	[3] 10,032	5,515	6,315	1,438	2,820	303	1,642	112
Operation	31,168	23,954	7,214	1,914	5,301	1,234	2,266	266	1,467	67
General control	1,105	438	667	169	498	249	212	37	-------	-------
Public safety	21,915	21,158	757	123	635	57	547	25	-------	6
Police	396	10	386	38	348	38	300	11	-------	-------
Fire	231	[6]	231	1	229	[6]	216	10	-------	3
Other	[7] 21,289	[7] 21,148	141	84	57	19	32	3	-------	3
Highways	874	66	808	260	547	244	219	81	-------	4
Natural resources	1,160	1,001	159	123	35	16	-------	-------	-------	19
Sanitation	190	-------	190	-------	190	2	166	6	-------	16
Health and hospitals	593	27	566	286	280	119	154	6	-------	1
Public welfare	2,351	1,125	1,226	526	700	386	272	42	-------	-------
Schools	2,388	23	2,365	275	2,090	77	491	55	1,467	-------
Miscellaneous	591	115	476	152	325	85	204	14	-------	22
Capital outlay	7,594	6,577	1,017	615	402	83	182	23	97	16
Aid paid to other governments	-------	837	-------	1,749	48	41	4	3	[8]	-------
Interest	1,776	1,260	516	110	406	79	209	11	77	29
Contributions to trust funds and enterprises	2,078	1,693	1,285	1,126	[9] 159	-------	[9] 159	-------	-------	-------
ENTERPRISES										
Operating revenue	2,857	1,694	1,164	138	1,026	10	905	15	-------	96
Operating expense (before depreciation)	2,191	1,587	604	38	566	7	507	7	-------	45
GENERAL AND ENTERPRISE DEBT OUTSTANDING										
Gross debt	96,294	76,991	[10] 19,303	3,267	16,084	1,969	9,423	250	1,668	2,773
Long-term	89,771	71,387	[10] 18,384	3,104	15,314	1,911	9,167	221	1,575	2,440
Short-term	6,523	5,604	[10] 919	163	770	59	256	29	93	333
Net long-term	87,789	71,387	16,402	2,569	13,832	1,762	7,980	216	1,475	2,400

[1] Sources: Revenue, U. S. Treasury Department, Combined Statement of Receipts, Expenditures, and Balances of the U. S. Government, Fiscal Year Ended June 30, 1942, pp. 25–31; other data, special compilation by Bureau of Accounts, U. S. Treasury Department. Adjustments made in Federal data to conform to Bureau of Census classifications for reporting State and local government finances.

[2] Represents only those school districts classified by Census Bureau as independent units of government. School figures for other local governments are included with figures for those governments.

[3] Each of these Federal-State-local totals and State-and-local totals is less than the sum of amounts shown separately for the several components, because totals exclude duplicating intergovernmental fiscal aid.

[4] Included in "Earnings and miscellaneous."

[5] Omits $94 million for debt retirement reported by U. S. Treasury because payment is only nominally an expenditure and is not a charge against revenue.

[6] Included in "Other" public safety.

[7] Includes $21,111 million for war activities.

[8] Less than $0.5 million.

[9] For cities having populations over 100,000 only. Data for other local governments not available.

[10] Total is less than sum of "State" and "Local" because of exclusion of debts incurred by States for loans to local governments, which duplicate local government obligations held by States.

Source: Department of Commerce, Bureau of the Census; (Federal data) Governmental Finances in the U. S., 1942, and (State and local data) Revised Summary of State and Local Government Finances in 1942. Revisions published in 1948 reports on government finances.

No. 398.—Federal, State, and Local General Revenue, by Source: 1942 to 1948

[**In millions of dollars.** See also *Historical Statistics*, series P 188–192 for historical data on State and local government general revenue]

ITEM	Total [1]	Federal [2]	STATE AND LOCAL						
			Total [1]	State	Local				
					Total	County	City	School district	Other
Total:									
1942	24,159	13,623	11,390	6,100	7,040	1,650	3,118	1,779	492
1946	50,942	38,493	13,242	7,198	8,243	1,974	3,573	2,147	549
1947	52,071	37,936	15,298	8,481	9,419	2,253	4,071	2,496	600
1948	57,261	40,890	17,862	10,025	11,053	2,614	4,649	3,125	665
Taxes:									
1942	23,027	13,417	9,611	4,979	4,632	938	2,298	1,052	344
1946	48,808	37,681	11,128	5,968	5,159	1,027	2,508	1,224	400
1947	49,586	37,060	12,526	6,690	5,835	1,173	2,815	1,415	433
1948	54,517	40,104	14,413	7,791	6,622	1,328	3,205	1,635	453
Charges and miscellaneous:									
1942	1,131	206	925	312	613	150	306	86	71
1946	2,134	812	1,322	462	859	263	452	76	68
1947	2,485	876	1,609	633	976	278	530	91	77
1948	2,744	786	1,957	796	1,162	328	585	162	88
Aid received from other governments:									
1942	-------	-------	854	809	1,795	562	515	641	77
1946	-------	-------	[3] 793	767	2,225	684	613	848	80
1947	-------	-------	[3] 1,163	1,157	2,608	802	726	990	91
1948	-------	-------	[3] 1,492	1,439	3,269	957	859	1,328	124

[1] Excluding duplicating intergovernmental aid: Federal-State-local totals include no aid receipts; State-local totals include only aid received from Federal Government.

[2] Amounts, as derived from Treasury Dept. and Bureau of Budget sources, adjusted and arranged in accordance with Bureau of Census uniform classification of State and local government finances.

[3] Federal aid paid to State and local governments during its specified fiscal year, taken as being substantially equivalent to Federal aid received by such governments during their respective fiscal years in the absence of comprehensive post-1942 data as to aid received by local governments direct from Federal Government.

No. 399.—Federal, State, and Local Tax Revenue, by Type: 1942 to 1948

ITEM	Total	Individual income	Corporation income	Sales, use, gross receipts, and customs	Property	Death and gift	Social insurance	Licenses, permits, and other
	AMOUNT (MILLIONS OF DOLLARS)							
Total:								
1942	23,027	3,527	4,998	5,687	4,544	532	2,350	1,389
1946	48,808	16,399	12,225	9,828	4,990	810	2,858	1,698
1947	49,586	18,257	9,059	11,314	5,507	936	3,129	1,384
1948	54,517	19,762	10,273	12,115	6,134	1,074	3,580	1,579
Federal:								
1942	13,417	3,251	[1] 4,726	3,334	-------	419	[2] 1,267	420
1946	37,681	15,977	[1] 11,778	6,838	-------	667	[2] 1,823	597
1947	37,060	17,802	[1] 8,602	7,593	-------	770	[2] 2,157	136
1948	40,104	19,219	[1] 9,681	7,661	-------	890	[2] 2,519	133
State and local:								
1942	9,611	276	272	2,353	4,544	113	1,084	969
1946	11,128	422	447	2,990	4,990	143	1,035	1,101
1947	12,526	455	457	3,721	5,507	167	971	1,248
1948	14,413	543	591	4,454	6,134	184	1,062	1,415
State:								
1942	4,979	249	269	2,220	271	112	1,076	781
1946	5,968	389	442	2,806	253	142	1,034	902
1947	6,690	418	451	3,415	261	165	969	1,011
1948	7,791	499	585	4,045	279	180	1,059	1,143
Local:								
1942	4,632	27	3	133	4,273	1	8	188
1946	5,159	33	5	183	4,737	1	2	198
1947	5,835	37	6	306	5,246	1	2	237
1948	6,622	44	7	408	5,856	3	2	302
	PER CAPITA, 1948 [3]							
Total	$371.95	$134.83	$70.09	$82.66	$41.85	$7.33	$24.43	$10.77
Federal	273.61	131.12	66.05	52.27	-------	6.07	17.19	.91
State and local	98.34	3.71	4.03	30.39	41.85	1.26	7.24	9.86
State	53.16	3.41	3.99	27.60	1.90	1.23	7.23	7.80
Local	45.18	.30	.04	2.79	39.95	.02	.01	2.06

[1] Includes excess profits tax as well as normal tax and surtax; also includes unjust enrichment tax, except for 1948.

[2] Includes those collections of railroad unemployment insurance tax credited directly to Railroad Retirement Board and shown in Budget of U. S. Government as trust account receipt.

[3] Computed on basis of estimated population (146,571,000) of continental United States, including armed forces overseas, as of July 1, 1948.

Source of tables 398 and 399: Dept. of Commerce, Bur. of Census; annual report, Governmental Revenue in 1948.

No. 400.—Gross Debt of Federal, State, and Local Governments: 1902 to 1949

[In millions of dollars. Beginning 1940, data are as of June 30; earlier data as of ends of fiscal years]

Year	Total	Federal [1]	State and local [2]							
			Total	State	Local					
					Total	County	City	Township	School district	Special district
1902	3,373	1,178	2,195	270	1,925	205	1,612	57	46	5
1912	5,692	1,194	4,498	423	4,075	393	3,447	80	119	36
1922	33,219	22,963	10,256	1,163	9,093	1,387	5,810	130	1,127	639
1932	39,063	19,487	19,576	2,896	16,680	2,775	9,909	433	2,170	1,393
1940	63,214	42,968	20,246	3,526	16,720	2,156	9,899	290	1,813	2,562
1942	92,112	72,422	19,690	3,211	16,479	1,846	9,806	273	1,701	2,853
1944	218,474	201,003	17,471	2,768	14,703	1,694	8,624	(3)	1,465	2,718
1945	275,271	258,682	16,589	2,425	14,164	1,545	8,411	(3)	1,363	2,667
1946	285,344	269,422	15,922	2,358	13,564	1,417	8,101	(3)	1,283	2,597
1947	275,111	258,286	16,825	2,978	13,847	1,481	8,097	(3)	1,355	2,736
1948	270,994	252,292	18,702	3,722	14,980	1,408	8,859	276	1,560	2,877
1949	273,645	252,770	20,875	4,024	16,851	1,603	9,496	310	2,147	3,295

[1] Public debt of the United States Government; includes general treasury obligations incurred on behalf of Federal agencies and excludes Federal agency debt incurred outside of general treasury.
[2] Comprises debt both for general purposes and for government enterprises.
[3] Estimates included in total; not shown separately.

Source: Department of Commerce, Bureau of the Census; annual report, Governmental Debt in 1949.

No. 401.—Annual Interest Payments on Debt of Federal, State, and Local Governments: 1932 to 1948

[Data are for fiscal years of various governments ended within specified calendar year, except that State data and all 1942 amounts are for fiscal years ended June 30 of year specified or within 12 preceding months]

Year	Payments (in millions of dollars)						Per capita [1]				
	Total	Federal [2]	State and local				Total	Federal	State and local		
			Total	State	Local				Total	State	Local
					Total	Cities only					
1932	1,439	599	840	114	726	419	$12	$5	$7	$1	$6
1942	1,967	1,260	707	123	584	345	15	9	5	1	4
1944	3,246	2,610	636	102	534	314	24	19	5	1	4
1945	4,226	3,622	604	95	509	303	30	26	4	1	4
1946	5,305	4,747	558	85	473	289	38	34	4	1	3
1947	5,474	4,958	516	78	438	272	38	34	4	1	3
1948	5,732	5,188	544	87	457	282	39	35	4	1	3

[1] Based on estimated population, including armed forces overseas, as of July 1.
[2] On basis of Public Debt accounts.

Source: Department of Commerce, Bureau of the Census; annual report, Governmenta Debt in 1949.

No. 402.—Summary of State and Local Government Finances, by State Area and Level of Government: 1942

[State-and-local aggregates of general revenue and general expenditure are less than the sum of "State" and "Local," because they exclude duplicating intergovernmental aid, i. e., that between State and local levels of government. Thus, both national and State-area aggregates for "Aid received" represent aid from only the Federal Government. See also *Historical Statistics*, series P 188–200, for total general revenue and total general expenditure of all State and local governments]

[In thousands of dollars]

STATE AREA AND LEVEL OF GOVERNMENT	GENERAL REVENUE			GENERAL EXPENDITURE			GENERAL AND ENTERPRISE DEBT OUTSTANDING	
	Total	Taxes	Aid received	Total	Operation	Capital outlay	Gross	Net long-term
Total	**11,389,767**	**9,610,765**	**854,176**	**11,118,298**	**7,214,689**	**1,016,563**	[1]**19,302,847**	**16,401,666**
State	6,099,949	4,978,584	809,315	5,821,411	1,914,019	614,999	3,266,623	2,569,210
Local	7,039,514	4,632,181	1,794,557	7,095,757	5,300,670	401,564	16,084,048	13,832,456
Alabama	110,985	90,932	11,884	113,655	71,779	13,397	229,235	214,822
State	79,789	62,287	10,991	72,570	20,877	9,548	76,656	72,029
Local	68,688	28,645	32,385	68,115	50,902	3,849	152,579	142,793
Arizona	49,242	37,018	7,223	45,469	31,413	7,185	75,872	71,192
State	34,175	26,574	6,447	33,319	13,808	4,990	3,663	3,483
Local	25,031	10,444	10,740	23,606	17,605	2,195	72,209	67,709
Arkansas	77,997	60,343	8,312	68,247	41,638	5,002	226,900	217,408
State	56,022	45,822	7,785	47,208	19,952	3,336	154,817	148,792
Local	31,380	14,521	9,932	31,150	21,686	1,666	72,083	68,616
California	912,100	767,408	67,689	904,076	555,057	77,145	[1]1,357,181	1,247,176
State	517,261	436,137	65,010	523,943	91,488	33,892	218,421	144,929
Local	588,706	331,271	196,546	576,936	463,569	43,253	1,150,760	1,102,247
Colorado	114,057	87,276	16,263	105,362	81,109	7,502	153,079	142,792
State	61,798	43,727	14,919	59,162	15,506	5,394	24,089	23,686
Local	79,935	43,549	29,020	74,996	65,603	2,108	128,990	119,106
Connecticut	186,510	166,592	10,540	179,834	116,739	16,820	188,432	165,794
State	98,550	81,750	12,084	90,782	41,050	13,959	30,213	30,213
Local	98,712	84,842	9,208	100,293	75,689	2,861	158,219	135,581
Delaware	21,714	18,010	1,985	21,633	14,577	2,915	26,141	23,767
State	16,107	13,376	1,918	16,473	7,551	2,675	5,307	5,233
Local	9,030	4,634	3,490	8,560	7,026	240	20,834	18,534
District of Columbia	65,764	53,593	9,191	61,717	40,635	10,069	20,885	9,655
(Local)	65,764	53,593	9,191	61,717	40,635	10,069	20,885	9,655
Florida	156,525	123,397	11,136	154,356	97,507	17,559	446,810	415,650
State	82,284	68,243	11,249	77,475	35,303	10,867	1,075	1,075
Local	97,484	55,154	23,130	100,045	62,204	6,692	445,735	414,575
Georgia	137,951	111,502	10,559	132,314	89,458	18,864	141,876	123,167
State	87,568	70,948	12,775	78,865	27,713	14,190	26,679	26,163
Local	74,358	40,554	21,759	75,383	61,745	4,674	115,197	97,004
Idaho	43,925	32,482	5,529	43,711	29,730	7,284	76,287	71,994
State	23,000	15,135	6,045	22,552	11,235	5,066	3,601	2,548
Local	27,964	17,347	6,523	27,702	18,495	2,218	72,686	69,446
Illinois	762,231	676,111	44,097	723,575	472,859	52,483	960,200	748,995
State	368,572	320,802	43,176	327,369	128,363	24,096	150,745	144,387
Local	451,765	355,309	59,027	460,776	344,496	28,387	809,455	604,608
Indiana	270,828	230,179	23,050	259,902	180,925	27,494	169,988	159,020
State	154,079	125,421	21,008	141,151	34,869	20,719	7,960	7,214
Local	171,585	104,758	56,878	173,403	146,056	6,775	162,028	151,806
Iowa	202,903	163,145	14,602	197,434	142,486	20,532	169,251	166,501
State	105,136	80,201	13,818	96,815	42,808	11,789	3,051	2,941
Local	129,474	82,944	32,491	132,636	99,678	8,743	166,200	163,560
Kansas	136,104	110,400	16,048	126,519	93,943	13,406	104,578	97,523
State	66,760	50,041	12,872	62,520	21,714	8,972	15,522	14,544
Local	92,678	60,359	26,510	91,253	72,229	4,434	89,056	82,979

[1] Total is less than sum of "State" and "Local" because of exclusion of debts incurred by States for loans to local governments, which duplicate local government obligations held by States.

No. 402.—Summary of State and Local Government Finances, by State Area and Level of Government: 1942—Continued

[In thousands of dollars]

STATE AREA AND LEVEL OF GOVERNMENT	GENERAL REVENUE			GENERAL EXPENDITURE			GENERAL AND ENTERPRISE DEBT OUTSTANDING	
	Total	Taxes	Aid received	Total	Operation	Capital outlay	Gross	Net long-term
Kentucky	131,065	108,652	12,852	124,312	76,921	20,701	143,001	123,327
State	83,321	66,918	12,600	76,864	32,197	16,499	9,324	8,702
Local	58,721	41,734	11,229	58,189	44,724	4,202	133,677	114,625
Louisiana	163,554	132,333	14,963	173,684	103,075	20,761	387,814	371,420
State	113,300	92,053	14,573	120,001	47,616	13,603	184,133	179,985
Local	79,621	40,280	29,757	83,233	55,459	7,158	203,681	191,435
Maine	68,829	56,445	5,403	66,501	47,568	6,130	69,796	59,561
State	40,342	29,059	5,993	39,875	21,250	5,394	26,485	26,333
Local	31,500	27,386	2,423	30,540	26,318	736	43,311	33,228
Maryland	141,027	121,415	8,349	141,032	85,802	15,247	324,746	260,450
State	76,887	63,109	8,206	73,810	20,441	9,177	52,452	50,104
Local	86,902	58,306	22,905	88,625	65,361	6,070	272,294	210,346
Massachusetts	460,111	402,798	30,264	462,943	326,036	18,829	[1] 522,282	396,198
State	207,719	170,139	27,491	213,754	50,967	7,157	111,375	76,631
Local	340,961	232,659	91,342	338,301	275,069	11,672	424,467	319,567
Michigan	527,934	436,979	33,116	498,454	340,654	40,269	637,290	522,346
State	307,156	251,153	31,640	283,083	92,994	21,069	51,840	23,085
Local	316,616	185,826	97,314	309,124	247,660	19,200	585,450	499,261
Minnesota	251,562	206,091	22,822	244,241	163,671	26,060	[1] 313,043	264,655
State	135,315	103,351	22,364	129,425	36,503	18,169	105,176	79,015
Local	163,432	102,740	47,643	161,552	127,168	7,891	208,657	185,640
Mississippi	94,791	76,167	10,380	90,364	55,447	8,677	184,344	174,149
State	60,389	45,891	11,480	56,097	19,538	6,400	82,499	80,818
Local	56,254	30,276	20,752	52,100	35,909	2,277	101,845	93,331
Missouri	252,941	206,966	27,592	246,261	165,864	21,795	327,790	302,914
State	136,693	106,005	26,283	132,950	61,041	14,032	94,492	89,109
Local	137,656	100,961	22,717	137,225	104,823	7,763	233,298	213,805
Montana	56,737	42,974	6,333	54,473	37,927	7,520	90,065	85,990
State	27,380	17,225	7,098	25,060	13,327	5,174	13,161	12,004
Local	38,978	25,749	8,856	39,099	24,600	2,346	76,904	73,986
Nebraska	88,362	68,309	9,804	82,733	65,761	8,740	197,639	188,392
State	38,685	25,679	9,541	36,621	14,101	6,276	1,384	1,384
Local	63,481	42,640	14,067	60,118	51,660	2,464	196,255	187,008
Nevada	17,312	12,551	3,216	17,487	10,975	4,007	10,383	9,819
State	10,857	6,058	4,565	9,810	3,990	3,492	669	587
Local	8,827	6,493	1,023	8,678	6,985	515	9,714	9,232
New Hampshire	46,604	37,945	3,811	46,480	31,151	5,729	35,487	33,034
State	24,821	17,530	4,413	24,555	12,326	4,027	19,042	17,476
Local	24,594	20,415	2,209	24,831	18,825	1,702	16,445	15,558
New Jersey	483,769	433,579	16,869	478,820	297,457	20,022	1,096,832	973,055
State	202,701	176,662	17,973	198,812	45,576	12,586	109,694	62,440
Local	338,351	256,917	56,179	334,726	251,881	7,436	987,138	910,615
New Mexico	34,089	26,590	4,782	36,136	24,015	5,810	64,419	63,038
State	25,937	19,937	4,864	27,673	12,073	5,258	27,426	26,707
Local	15,029	6,653	6,795	14,752	11,942	552	36,993	36,331
New York	1,680,528	1,538,113	63,446	1,743,293	1,071,802	122,032	[1] 5,162,897	4,255,954
State	722,101	646,061	56,369	729,020	143,222	45,101	709,104	498,919
Local	1,237,422	892,052	286,072	1,306,486	928,580	76,931	4,468,390	3,757,035
North Carolina	188,606	159,257	14,287	170,847	103,904	17,645	[1] 425,357	390,968
State	132,781	112,808	13,781	114,015	61,836	14,733	136,013	108,329
Local	64,528	46,449	9,209	65,357	42,068	2,912	295,952	282,639
North Dakota	55,281	45,059	6,243	46,671	30,712	5,961	43,101	20,465
State	26,593	19,668	5,624	23,784	11,384	3,698	22,866	5,027
Local	33,948	25,391	5,879	28,176	19,328	2,263	20,235	15,438

[1] Total is less than sum of "State" and "Local" because of exclusion of debts incurred by States for loans to local governments, which duplicate local government obligations held by States.

No. 402.—Summary of State and Local Government Finances, by State Area and Level of Government: 1942—Continued

[In thousands of dollars]

State area and level of government	General revenue			General expenditure			General and enterprise debt outstanding	
	Total	Taxes	Aid received	Total	Operation	Capital outlay	Gross	Net long-term
Ohio	605,257	510,976	43,669	582,600	380,704	42,393	697,330	584,657
State	358,862	301,930	41,582	337,027	98,863	24,031	13,141	12,565
Local	383,031	209,046	128,723	383,577	281,841	18,362	684,189	572,092
Oklahoma	153,138	122,351	21,797	143,266	105,392	12,155	162,706	120,592
State	103,668	80,291	20,056	91,047	47,696	9,243	40,132	39,280
Local	73,532	42,060	25,803	75,314	57,696	2,912	122,574	81,312
Oregon	115,479	87,336	15,977	108,344	68,477	15,278	154,494	126,419
State	64,973	45,587	13,490	58,562	29,279	10,607	31,289	14,359
Local	56,821	41,749	8,802	59,296	39,198	4,671	123,205	112,060
Pennsylvania	882,375	749,743	59,775	872,976	535,056	81,099	1,506,510	1,113,273
State	491,635	400,530	58,725	481,880	197,143	56,456	290,644	168,964
Local	469,522	349,213	79,832	481,576	337,913	24,643	1,215,866	944,309
Rhode Island	71,885	65,229	3,843	73,916	42,636	5,734	183,263	132,493
State	37,524	33,038	3,452	36,239	13,710	2,167	29,333	23,946
Local	37,083	32,191	3,113	40,340	28,926	3,567	153,930	108,547
South Carolina	94,423	78,290	9,357	95,740	56,364	13,923	209,120	187,660
State	62,881	51,263	8,794	63,510	20,816	11,474	88,039	85,530
Local	49,549	27,027	18,570	50,681	35,548	2,449	121,081	102,130
South Dakota	53,900	41,570	6,391	51,275	34,732	7,173	68,818	52,932
State	23,327	15,543	5,953	22,662	12,352	4,313	32,415	22,898
Local	31,975	26,027	1,840	30,987	22,380	2,860	36,403	30,034
Tennessee	147,589	117,807	19,045	139,605	85,521	18,200	388,462	361,178
State	86,264	66,296	15,665	81,090	25,844	13,938	98,508	86,481
Local	86,934	51,511	28,989	85,725	59,677	4,262	289,954	274,697
Texas	376,821	305,232	37,215	370,591	233,078	46,295	734,038	662,096
State	199,858	156,684	34,151	185,988	74,921	28,468	21,242	17,786
Local	238,777	148,548	64,878	246,893	158,157	17,827	712,796	644,310
Utah	53,422	40,617	9,168	49,965	37,448	6,159	41,440	38,091
State	34,821	24,022	9,159	32,301	18,141	4,558	2,590	2,590
Local	24,659	16,595	6,067	24,745	19,307	1,601	38,850	35,501
Vermont	28,717	24,065	3,138	28,182	19,389	3,428	17,942	15,943
State	16,788	13,144	3,096	16,313	8,101	2,427	6,650	6,650
Local	13,459	10,921	1,572	14,768	11,288	1,001	11,292	9,293
Virginia	157,985	120,856	13,067	144,451	87,322	30,545	216,429	150,571
State	104,705	75,452	12,300	89,243	31,504	24,752	27,818	19,258
Local	73,763	45,404	21,250	75,876	55,818	5,793	188,611	131,313
Washington	198,338	150,763	24,513	172,017	129,332	13,612	[1] 234,069	206,296
State	138,639	105,891	23,748	117,307	53,082	7,315	17,257	11,925
Local	98,584	44,872	39,650	94,192	76,250	6,297	217,081	194,371
West Virginia	121,314	97,720	11,686	124,653	78,786	20,591	134,312	126,308
State	87,484	67,594	11,538	91,402	33,094	17,898	79,660	74,115
Local	54,048	30,126	20,366	53,305	45,692	2,693	54,652	52,193
Wisconsin	298,420	239,952	20,880	273,023	204,950	21,856	119,715	102,384
State	151,180	122,908	18,803	137,873	32,491	12,002	5,403	5,403
Local	221,498	117,044	76,335	214,222	172,459	9,854	114,312	96,981
Wyoming	22,766	17,637	2,015	25,158	16,905	4,530	51,198	49,582
State	13,261	8,641	3,848	13,554	4,363	4,012	3,568	3,568
Local	16,904	8,996	5,566	16,577	12,542	518	47,630	46,014

[1] Total is less than sum of "State" and "Local" because of exclusion of debts incurred by States for loans to local governments, which duplicate local government obligations held by States.

Source: Department of Commerce, Bureau of the Census; Revised Summary of State and Local Government Finances in 1942; also later revisions to conform to 1948 bases of classification.

No. 403.—Outstanding Debt of State and Local Governments, by Type of Debt: June 30, 1949

[In millions of dollars]

TYPE OF DEBT	Total	State	LOCAL					
			Total	County	City	Township	School district	Special district
Gross debt	20,875	4,024	16,851	1,603	9,496	310	2,147	3,295
General	13,399	3,566	9,833	1,582	4,836	279	2,147	989
Long-term	12,889	3,556	9,332	1,515	4,572	237	2,044	963
Net long-term	11,303	2,892	8,411	1,394	3,955	222	1,921	919
Enterprise	7,476	458	7,018	20	4,660	31	-------	2,307
Long-term	7,252	458	6,794	20	4,651	31	-------	2,092
Net long-term	6,215	385	5,830	17	3,862	30	-------	1,921
Long-term debt	20,141	4,015	16,126	1,535	9,224	268	2,044	3,055
Full faith and credit	17,663	3,397	14,265	1,493	8,121	266	2,044	2,340
Nonguaranteed	2,478	617	1,861	42	1,102	2	-------	715

Source: Department of Commerce, Bureau of the Census; annual report, Governmental Debt in 1949.

No. 404.—Employees and Pay Rolls of Federal, State, and Local Governments: 1942 to 1949

[Data for 1942 through 1948 are for October. Includes employees of enterprises. Both permanent and temporary employees included. Numbers of part-time employees not reduced to full-time equivalent. See also *Historical Statistics*, series P 69–88, for average annual monthly employment and pay rolls for 1929–1945]

TYPE OF GOVERNMENT	1942	1943	1944	1945	1946	1947	1948	1949			
								Jan.	Apr.	July	Oct.
	NUMBER OF EMPLOYEES (THOUSANDS)										
Total	5,915	6,358	6,537	6,556	6,001	5,791	6,042	6,084	6,217	5,418	6,234
Federal (civilian)[1]	2,664	3,166	3,365	3,375	2,434	2,002	2,076	2,090	2,096	2,106	2,047
State and local	3,251	3,192	3,172	3,181	3,567	3,789	3,966	3,994	4,121	3,312	4,187
School [2]	1,320	1,320	1,311	1,267	1,457	1,529	1,581	1,636	1,647	785	1,654
Nonschool	1,931	1,872	1,861	1,914	2,110	2,260	2,385	2,358	2,474	2,527	2,534
State	503	464	456	473	572	638	677	672	688	720	730
Local	1,428	1,408	1,405	1,441	1,539	1,622	1,707	1,687	1,786	1,807	1,804
City	872	858	855	879	955	996	1,039	1,036	1,079	1,114	1,099
County	333	322	329	316	361	375	406	396	404	413	420
Other	223	228	221	246	223	251	262	255	303	279	284
	AMOUNT OF MONTHLY PAY ROLL (MILLIONS OF DOLLARS)										
Total	880.2	1,084.4	1,103.0	1,109.9	1,155.5	1,183.7	1,329.0	1,346.8	1,379.9	1,198.7	1,395.5
Federal (civilian)[1]	486.1	672.7	684.8	642.3	571.5	481.4	533.9	538.5	546.0	540.4	521.9
State and local	394.1	411.7	418.2	467.6	584.0	702.3	795.1	808.3	833.9	658.3	873.6
School [2]	175.4	175.7	172.2	200.0	260.1	318.5	353.0	367.1	372.0	176.7	387.0
Nonschool	218.7	236.0	246.0	267.6	323.9	383.7	442.0	441.2	461.9	481.6	486.6
State	59.5	64.0	64.2	72.9	93.5	116.0	134.0	135 0	140.2	147.9	151.1
Local	159.1	171.9	181.8	194.8	230.4	267.7	308.0	306.3	321.8	333.7	335.5
City	109.7	119.3	125.0	133.2	160.0	181.2	206.2	204.7	213.0	222.4	223.4
County	34.5	36.9	39.4	42.6	50.7	58.1	66.6	67.3	70.9	73.2	74.9
Other	14.9	15.7	17.4	19.0	19.8	28.4	35.2	34.3	37.9	38.0	37.1

[1] Data from Bureau of Labor Statistics. Includes data for Federal civilian employees working outside continental United States; figures differ in this respect from similar data in table 405.

[2] Excludes all school board members. Data for 1946–49 based on returns to quarterly mail canvass of Bureau of Census; those for prior years based on information furnished by U. S. Office of Education.

Source: Department of Commerce, Bureau of Census; annual report, State Distribution of Public Employment in 1949.

No. 405.—Number of Public Employees, by States: October 1949

[Includes employees of enterprises. Both permanent and temporary employees included; numbers of part-time employees not reduced to full-time equivalent. Employment statistics subject to sampling variation. Figures identified by asterisk (*) subject to particularly large variation and should be interpreted with caution]

[In thousands]

State	Total employees	Federal civilian [1]	State and local							
			Total	School	Non-school	State [2]	Local			
							Total	City [3]	County [3]	Other [3]
Total	**5,979**	**1,823**	**4,156**	**1,659**	**2,498**	**1,037**	**3,120**	**[4] 1,281**	**[4] 476**	**[4] 1,363**
Alabama	98	29	68	36	32	18	50	10	9	31
Arizona	33	12	22	10	11	7	15	3	3	9
Arkansas	53	12	40	23	18	12	28	7	3	19
California	524	188	336	126	210	73	263	87	61	115
Colorado	63	22	42	19	23	12	30	11	6	14
Connecticut	66	11	55	18	37	16	39	20	(5)	19
Delaware	10	2	8	4	5	4	4	3	1	1
District of Columbia	239	220	20	5	15	-------	20	19	-------	(5)
Florida	114	31	83	31	52	25	58	23	9	27
Georgia	114	38	76	37	38	17	59	19	9	31
Idaho	25	5	20	9	11	6	14	3	2	8
Illinois	320	98	222	79	144	42	180	58	15	106
Indiana	135	28	106	47	59	26	81	21	15	44
Iowa	100	14	86	40	46	21	65	17	10	38
Kansas	79	17	62	29	33	16	46	12	8	26
Kentucky	[4] 81	21	60	30	30	18	42	14	(4)	23
Louisiana	97	22	75	31	44	29	46	14	*6	25
Maine	41	11	31	12	19	9	21	7	1	14
Maryland	94	39	56	21	34	19	37	22	14	1
Massachusetts	212	57	156	38	117	31	125	71	4	50
Michigan	227	37	190	78	113	38	152	61	20	72
Minnesota	117	19	98	39	60	24	74	30	11	34
Mississippi	63	15	49	25	24	14	34	7	21	6
Missouri	142	48	94	40	54	22	72	28	7	37
Montana	27	7	20	9	10	6	14	3	4	7
Nebraska	60	15	45	19	26	10	35	8	6	21
Nevada	10	4	6	2	4	2	4	1	2	2
New Hampshire	[4] 22	3	19	6	*13	7	*12	3	1	(4)
New Jersey	165	41	124	47	77	22	102	60	12	30
New Mexico	30	11	19	11	9	8	11	3	*1	8
New York	659	181	478	133	345	83	394	283	32	80
North Carolina	[4] 107	22	85	44	41	64	21	15	7	(4)
North Dakota	34	5	29	10	19	5	24	5	3	16
Ohio	300	79	220	84	136	39	181	71	25	86
Oklahoma	92	30	62	31	31	21	41	11	7	23
Oregon	65	15	50	21	29	18	32	9	6	17
Pennsylvania	343	107	236	96	140	67	169	56	12	101
Rhode Island	30	10	20	7	14	7	14	9	-------	4
South Carolina	63	17	46	23	23	14	32	7	5	20
South Dakota	33	7	27	10	17	5	21	5	*3	14
Tennessee	107	35	72	33	38	15	57	25	29	2
Texas	268	84	184	92	92	41	144	44	23	77
Utah	44	19	25	13	12	9	16	6	2	9
Vermont	[4] 15	3	13	5	8	4	9	(4)	(5)	6
Virginia	135	58	77	36	41	29	48	22	26	(5)
Washington	124	45	79	32	48	22	57	17	11	29
West Virginia	58	9	49	27	22	18	31	6	2	23
Wisconsin	126	19	106	39	68	20	86	44	17	25
Wyoming	14	5	10	5	5	3	7	2	1	4

[1] Data from Bureau of Labor Statistics. Excludes data for Federal civilian employees working outside continental United States; figures differ in this respect from similar data in table 404.

[2] Includes data for institutions of higher education and dependent elementary and secondary school systems, operated as part of general government.

[3] Includes data for townships, independent school districts, other special-purpose districts, and dependent township elementary and secondary school systems.

[4] Totals include estimates for items for which no separate data are published.

[5] Less than 500 employees.

Source: Department of Commerce, Bureau of the Census; annual report, State Distribution of Public Employment in October 1949.

No. 406.—Amount of Monthly State and Local Government Pay Rolls, by States: October 1949

[Includes employees of enterprises. Employment statistics subject to sampling variation. Figures identified by asterisk (*) subject to particularly large variation and should be interpreted with caution]

[In millions of dollars]

State	Total	School	Non-school	State [1]	Local Total	City [1]	County [1]	Other [2]
Total	**867.3**	**385.3**	**482.0**	**210.3**	**657.1**	**277.2**	**86.4**	[3] **293.5**
Alabama	11.4	6.4	5.0	3.0	8.4	1.5	1.3	5.5
Arizona	4.9	2.4	2.5	1.3	3.6	.7	.6	2.3
Arkansas	5.6	3.4	2.3	1.7	3.9	.7	.4	2.9
California	88.9	35.1	53.8	19.3	69.5	23.0	13.9	32.6
Colorado	7.8	3.6	4.3	2.3	5.6	1.9	.9	2.7
Connecticut	11.8	5.0	6.8	3.7	8.2	4.7	.1	3.4
Delaware	1.7	.9	.9	.8	1.0	.6	.1	.3
District of Columbia	5.5	1.8	3.6	-------	5.5	5.4	-------	.1
Florida	15.4	6.8	8.6	3.9	11.4	4.1	1.5	5.8
Georgia	12.1	6.2	5.8	2.8	9.3	3.0	1.3	5.0
Idaho	3.4	1.6	1.7	1.1	2.2	.4	.3	1.5
Illinois	53.0	21.3	31.7	9.2	43.8	11.9	3.1	28.8
Indiana	22.8	13.0	9.8	5.3	17.4	3.4	2.3	11.7
Iowa	14.1	8.1	6.0	3.8	10.4	1.9	1.8	6.6
Kansas	10.6	6.0	4.7	2.8	7.9	1.4	1.3	5.2
Kentucky	9.8	5.4	4.3	2.7	7.1	2.4	.6	4.1
Louisiana	13.7	6.9	6.8	4.7	9.0	2.4	.6	6.0
Maine	4.3	1.9	2.4	1.6	2.7	1.1	.1	*1.6
Maryland	12.8	5.5	7.3	4.3	8.6	4.9	3.4	.2
Massachusetts	33.7	9.9	23.8	7.3	26.4	15.9	.8	9.7
Michigan	45.0	20.7	24.3	8.5	36.5	14.0	4.4	18.0
Minnesota	18.7	9.4	9.3	5.1	13.6	5.7	2.1	5.8
Mississippi	6.7	3.6	3.1	2.1	4.6	.8	2.8	1.0
Missouri	16.8	8.2	8.6	3.6	13.2	4.7	.9	7.6
Montana	3.9	2.1	1.8	1.2	2.8	.4	.6	1.8
Nebraska	7.8	3.7	4.2	1.7	6.1	1.1	.8	4.2
Nevada	1.3	.5	.8	.4	.9	.2	.3	.4
New Hampshire	2.6	1.1	1.6	1.0	1.6	.6	*.1	1.0
New Jersey	28.3	12.7	15.6	5.0	23.3	14.2	2.5	6.6
New Mexico	3.9	2.3	1.5	1.4	2.5	.4	.2	1.9
New York	120.4	37.2	83.2	20.8	99.5	77.5	6.1	16.0
North Carolina	[3] 17.2	9.9	7.3	13.9	3.3	2.2	1.0	[4]
North Dakota	3.9	2.2	1.7	1.1	2.8	.3	.5	2.0
Ohio	41.9	18.7	23.2	7.5	34.4	12.9	4.2	17.2
Oklahoma	11.2	6.7	4.4	3.8	7.3	1.5	1.0	4.9
Oregon	10.9	4.7	6.1	3.9	7.0	1.7	1.1	4.2
Pennsylvania	48.2	22.1	26.0	12.8	35.4	11.0	2.5	21.9
Rhode Island	3.9	1.6	2.3	1.2	2.7	2.2	-------	.6
South Carolina	7.3	3.9	3.5	2.4	4.9	1.0	.6	3.3
South Dakota	3.6	2.0	1.6	1.0	2.7	.5	.4	1.8
Tennessee	13.4	7.2	6.3	2.6	10.8	5.1	5.3	.4
Texas	37.5	20.6	16.9	8.0	29.5	7.9	3.7	17.9
Utah	4.1	2.3	1.8	1.4	2.7	.7	.3	1.7
Vermont	1.8	.8	1.0	.7	1.1	.3	[4]	.9
Virginia	13.8	6.8	6.9	4.9	8.9	4.4	4.4	[4]
Washington	17.6	7.2	10.5	4.6	13.0	4.0	2.2	6.9
West Virginia	9.6	5.8	3.8	3.3	6.4	.8	.4	5.2
Wisconsin	20.7	9.1	11.6	4.1	16.6	9.5	3.5	3.7
Wyoming	1.8	1.0	.8	.6	1.2	.2	.2	.9

[1] Includes data for institutions of higher education and dependent elementary and secondary school systems, operated as part of general government.

[2] Includes data for townships, independent school districts, other special-purpose districts, and dependent township elementary and secondary school systems.

[3] Totals include estimates for items for which no separate data are published.

[4] Less than $50,000.

Source: Department of Commerce, Bureau of the Census; annual report, State Distribution of Public Employment in October 1949.

No. 407.—Summary of State Government Finances: 1942 to 1948

[**Amounts, except per capita, in millions of dollars.** See also *Historical Statistics*, series P 188-200, P 202-211, and P 224-249]

ITEM	1942	1943	1944	1945	1946	1947	1948	Percent distribution, 1948	Per capita, 1948 [1]
General revenue and borrowings, total	6,247	6,325	6,633	6,742	7,271	9,223	10,825	-------	$75.93
General borrowings	148	48	28	14	73	742	799	-------	5.61
General revenue, total	6,099	6,277	6,605	6,729	7,198	8,481	10,025	100.0	70.33
Taxes, total	4,977	5,094	5,384	5,561	5,968	6,690	7,791	77.7	54.65
Total less unemployment compensation	3,901	3,922	4,065	4,307	4,935	5,721	6,732	67.1	47.22
Sales, use, and gross receipts	2,220	2,151	2,156	2,278	2,806	3,415	4,045	40.3	28.38
General sales, use, and gross receipts	633	671	721	776	900	1,181	1,479	14.7	10.37
Motor vehicle fuels	942	776	685	696	887	1,110	1,260	12.6	8.84
Alcoholic beverages	256	281	267	312	402	410	426	4.2	2.99
Tobacco products	131	141	160	145	199	245	339	3.4	2.38
Other	258	284	323	349	418	470	542	5.4	3.80
License and privilege	694	672	687	690	765	868	981	9.8	6.88
Motor vehicles and operators	431	394	394	395	440	517	593	5.9	4.16
Other	263	277	292	295	326	351	387	3.9	2.72
Individual income	249	293	316	357	389	418	499	5.0	3.50
Corporation income	269	340	446	453	442	451	585	5.8	4.10
Property	271	259	247	276	253	261	279	2.8	1.95
Unemployment compensation	1,076	1,172	1,319	1,254	1,034	969	1,059	10.6	7.43
Other [2]	198	208	213	253	279	308	343	3.4	2.40
Aid received from other governments	809	833	829	759	767	1,157	1,439	14.4	10.09
From Federal Government	786	813	809	738	743	1,125	1,399	14.0	9.81
Charges and miscellaneous	312	350	392	410	462	633	796	7.9	5.58
General expenditure, total	5,820	5,882	5,929	5,997	6,404	8,099	10,400	100.0	72.96
Provision for debt retirement	305	372	220	223	188	146	179	1.7	1.26
General expenditure less provision for debt retirement	5,515	5,510	5,709	5,775	6,216	7,953	10,221	98.3	71.70
Operation	1,914	1,966	2,100	2,253	2,579	3,318	4,351	41.8	30.52
General control	169	170	171	187	199	234	257	2.5	1.80
Public safety	123	134	131	131	144	171	200	1.9	1.40
Highways	260	244	264	308	359	424	491	4.7	3.44
Natural resources	123	121	132	144	166	207	244	2.3	1.71
Health	55	57	70	95	105	109	106	1.0	.74
Hospitals and institutions for handicapped	231	241	264	286	320	400	492	4.7	3.45
Public welfare	526	556	578	605	681	839	956	9.2	6.71
Correction	71	74	78	82	91	107	130	1.2	.91
Schools	275	305	354	354	374	506	652	6.3	4.57
Bonus payments to veterans	-------	-------	-------	-------	47	159	616	5.9	4.32
Other and unallocable	81	65	59	60	92	163	207	2.0	1.45
Capital outlay	615	477	325	267	356	949	1,425	13.7	10.00
Highways	527	416	282	223	266	670	1,018	9.8	7.14
Schools	26	19	15	14	33	102	170	1.6	1.19
Other	62	42	28	30	57	177	238	2.3	1.67
Aid paid to local governments	1,749	1,736	1,807	1,838	2,044	2,549	3,167	30.5	22.22
Highways	338	315	291	285	329	415	481	4.6	3.37
Public welfare	385	355	363	346	374	495	646	6.2	4.53
Schools	766	796	835	842	921	1,129	1,490	14.3	10.46
Other and unspecified	261	270	318	365	420	511	549	5.3	3.85
Interest	110	99	87	80	70	63	71	.7	.50
Contributions to trust funds and enterprises	1,126	1,231	1,389	1,336	1,168	1,073	1,206	11.6	8.46
To unemployment compensation trust funds	1,076	1,172	1,319	1,254	1,034	969	1,059	10.2	7.43
Debt outstanding at end of fiscal year:									
Gross	3,267	2,944	2,792	2,526	2,367	2,956	3,592	100.0	25.20
General	3,023	2,707	2,506	2,303	2,154	2,721	3,343	93.0	23.45
Enterprise	244	237	286	223	213	236	250	7.0	1.75
Net long-term (general and enterprise)	2,569	2,326	2,121	1,910	1,734	2,263	2,827	78.7	19.83
Full faith and credit	2,172	1,943	1,763	1,573	1,431	1,947	2,487	69.2	17.45
Long-term debt issued during fiscal year (general and enterprise) [3]	101	49	32	14	59	718	780	21.7	5.47
Long-term debt retired during fiscal year (general and enterprise) [3]	290	228	232	219	231	186	172	4.8	1.20

[1] Based on estimated population on July 1, 1947, excluding armed forces overseas.
[2] Including death and gift, severance, poll, and others.
[3] Exclusive of refunding transactions.

Source: Dept. of Commerce, Bur. of Census, annual report, Compendium of State Govt. Finances in 1948.

No. 408.—General Revenue and General Ex

[In thousands of dollars. Excludes transac

Line No	STATE	General revenue and borrowings [1]	GENERAL REVENUE					GENERAL EXPENDITURE		
			Total	Taxes		Aid received from other governments	Charges and miscellaneous	Total	Provision for debt retirement [2]	Total less provision for debt retirement
				Total	Total except unemployment compensation					
1	**Total**	**10,824,554**	**10,025,466**	**7,790,984**	**6,731,571**	**1,438,909**	**795,573**	**10,400,376**	**179,455**	**10,220,921**
2	Alabama	156,447	155,327	102,209	94,402	27,272	25,846	150,938	1,970	148,968
3	Arizona	69,364	69,364	53,208	49,282	12,383	3,773	63,824	136	63,688
4	Arkansas	109,791	107,867	80,476	75,152	21,951	5,440	109,967	3,607	106,360
5	California	1,024,822	1,014,822	824,816	700,029	119,827	70,179	943,861	4,787	939,074
6	Colorado	115,945	115,945	82,873	76,450	23,338	9,734	121,438	1,951	119,487
7	Connecticut	194,126	137,926	114,085	107,049	13,011	10,830	171,113	----------	171,113
8	Delaware	24,378	21,063	15,965	14,774	2,852	2,246	24,846	263	24,583
9	Florida	180,428	180,342	139,034	130,472	33,081	8,227	199,920	80	199,840
10	Georgia	164,545	163,945	119,628	108,823	32,888	11,429	157,298	1,264	156,034
11	Idaho	47,409	47,093	32,242	28,430	9,937	4,914	41,106	155	40,951
12	Illinois	580,700	495,616	409,510	355,915	69,836	16,270	705,730	20,663	685,067
13	Indiana	232,943	226,143	173,649	161,892	28,925	23,569	214,549	1,273	213,276
14	Iowa	194,953	194,122	137,249	127,198	28,183	28,690	168,698	638	168,060
15	Kansas	137,445	137,445	99,327	92,718	27,035	11,083	126,475	1,143	125,332
16	Kentucky	136,958	134,530	102,522	88,652	24,098	7,910	131,235	842	130,393
17	Louisiana	219,800	216,800	156,354	142,319	26,720	33,726	211,866	6,766	205,100
18	Maine	64,310	64,310	44,157	37,820	9,933	10,220	62,378	1,917	60,461
19	Maryland	152,955	143,330	117,496	103,342	12,999	12,835	139,269	3,759	135,510
20	Massachusetts	324,096	310,396	255,892	218,885	41,279	13,225	299,242	24,454	274,788
21	Michigan	596,757	562,298	425,776	355,542	61,923	74,599	736,572	16,289	720,283
22	Minnesota	222,758	218,177	162,361	149,567	37,095	18,721	201,989	3,267	198,722
23	Mississippi	119,727	114,727	84,914	76,826	23,238	6,575	126,905	2,635	124,270
24	Missouri	225,958	225,958	165,132	141,695	49,420	11,406	211,001	4,809	206,192
25	Montana	48,903	44,903	26,573	23,023	12,052	6,278	43,750	751	42,999
26	Nebraska	73,334	73,334	47,343	43,452	16,732	9,259	77,856	153	77,703
27	Nevada	16,958	16,658	10,053	8,459	5,405	1,200	17,582	33	17,549
28	New Hampshire	38,929	34,289	22,267	18,722	6,214	5,808	38,310	1,715	36,595
29	New Jersey	291,772	266,772	225,798	134,740	27,598	13,376	290,579	3,172	287,407
30	New Mexico	60,897	58,400	41,708	38,409	12,090	4,602	61,464	1,769	59,695
31	New York	1,484,689	1,053,683	919,414	694,141	94,852	39,417	1,267,580	19,309	1,248,271
32	North Carolina	255,512	255,512	213,934	195,394	29,331	12,247	225,051	5,595	219,456
33	North Dakota	45,710	44,858	32,665	31,368	9,267	2,926	42,285	900	41,385
34	Ohio	488,070	487,801	396,780	349,209	61,398	29,623	429,064	264	428,800
35	Oklahoma	200,347	199,660	139,077	132,775	49,159	11,424	191,959	1,288	190,671
36	Oregon	145,480	141,480	99,610	85,778	23,632	18,238	133,694	2,383	131,311
37	Pennsylvania	627,977	577,977	433,406	376,638	78,259	66,312	574,826	6,889	567,937
38	Rhode Island	59,068	58,068	49,639	40,192	6,328	2,101	59,598	1,678	57,920
39	South Carolina	136,075	121,075	95,212	87,914	19,000	6,863	132,051	6,731	125,320
40	South Dakota	42,770	42,575	28,790	27,699	9,952	3,833	44,115	6,188	37,927
41	Tennessee	198,741	187,084	146,223	131,328	32,587	8,274	188,868	9,346	179,522
42	Texas	361,595	360,016	255,719	236,403	84,535	19,762	348,868	652	348,216
43	Utah	63,267	63,257	42,736	38,841	11,263	9,258	61,884	42	61,842
44	Vermont	28,784	26,834	19,672	17,523	5,357	1,805	27,869	624	27,245
45	Virginia	175,938	175,876	117,816	107,250	19,198	38,862	176,403	288	176,115
46	Washington	274,815	274,015	214,648	191,169	38,314	21,053	267,150	135	267,015
47	West Virgina	140,081	136,121	104,457	91,659	15,994	15,670	133,223	6,333	126,890
48	Wisconsin	243,791	243,036	193,594	178,584	25,788	23,654	222,687	272	222,415
49	Wyoming	24,636	24,636	14,975	13,667	7,380	2,281	23,440	277	23,163

[1] New borrowings are for general-government purposes only, consisting of long-term debt incurred during fiscal year other than by funding or refunding, plus any excess of issuance over redemption (i. e., excluding funding) of short-term debt.

[2] Includes direct redemption and payments into sinking funds for retirement of general debt, not debt incurred for enterprise purposes.

PENDITURE OF STATE GOVERNMENTS, BY STATES: 1948

tions of trust, sinking, and enterprise funds]

GENERAL EXPENDITURE—continued												Line No.
Operation				Capital outlay		Aid paid to other governments				Interest [4]	Contributions to trust funds and to enterprises	
Total [3]	Highways	Public welfare	Schools	Total	Highways only	Total [3]	Highways	Public welfare	Schools			
4,350,686	490,515	956,499	651,701	1,425,311	1,017,577	3,167,116	480,931	646,317	1,490,448	71,359	1,206,449	1
39,533	4,758	667	9,850	28,004	19,665	69,069	12,464	13,432	33,770	2,150	10,212	2
25,153	2,962	9,528	3,989	12,616	11,056	21,723	2,675	--------	9,969	104	4,092	3
43,034	5,675	15,065	6,237	20,498	15,690	32,330	5,069	--------	23,484	4,024	6,474	4
236,126	19,750	5,386	62,872	121,481	78,745	432,515	62,200	137,555	184,204	1,919	147,033	5
34,025	5,658	711	10,001	18,075	14,071	59,978	8,809	41,531	8,586	479	6,930	6
125,101	14,860	16,103	8,506	15,842	11,366	20,964	1,071	2,374	12,089	301	8,905	7
13,266	1,569	904	4,913	4,590	3,702	5,414	416	413	4,416	81	1,232	8
91,356	8,336	36,215	12,010	44,046	34,161	54,490	8,914	--------	40,496	86	9,862	9
68,450	6,830	21,310	15,052	30,122	21,387	44,241	4,817	1,131	37,626	135	13,086	10
21,769	3,513	7,773	2,971	8,311	6,982	6,941	1,468	--------	4,193	12	3,918	11
456,471	14,366	95,134	31,377	70,674	34,899	89,411	28,997	14,428	36,834	8,581	59,930	12
71,004	10,538	3,784	23,007	34,081	22,497	91,277	22,217	21,133	44,882	207	16,707	13
80,675	6,875	29,981	18,389	24,012	19,186	53,240	24,251	--------	8,859	38	10,095	14
44,425	9,120	992	15,775	27,278	25,993	46,520	4,685	22,330	12,943	352	6,757	15
61,473	15,040	17,252	7,182	27,380	20,985	26,171	1,075	--------	25,096	224	15,145	16
93,266	18,064	26,180	14,497	29,572	16,909	59,731	5,450	1	35,728	5,370	17,161	17
37,608	10,106	9,882	3,817	7,407	5,785	7,437	1,623	434	4,914	463	7,546	18
47,042	5,713	462	7,908	19,003	12,438	51,875	13,308	10,588	21,099	503	17,087	19
101,928	11,600	6,344	7,187	14,120	9,664	116,357	4,783	55,038	10,693	2,784	39,599	20
359,145	13,382	66,874	32,916	73,414	40,965	204,363	40,252	7,599	105,258	5,097	78,264	21
71,823	12,706	2,626	20,207	33,299	27,466	74,093	9,157	27,379	29,602	876	18,631	22
41,631	5,763	11,588	6,853	25,973	20,197	45,855	15,102	--------	22,320	2,497	8,314	23
116,841	11,878	66,001	10,297	22,496	18,945	41,077	1,113	--------	37,541	2,283	23,495	24
24,906	5,237	7,951	3,560	10,080	8,554	3,499	--------	349	3,021	126	4,388	25
28,450	6,324	707	6,821	19,125	15,491	24,427	7,532	15,791	951	30	5,671	26
8,083	1,934	1,499	1,285	5,368	4,316	2,350	--------	--------	2,301	1	1,747	27
22,328	4,430	5,112	3,301	6,306	4,497	3,593	79	--------	2,395	176	4,192	28
72,887	8,759	9,177	6,549	46,037	21,721	65,673	18,140	11,685	17,711	2,754	100,056	29
26,784	4,507	7,957	5,574	12,448	10,212	15,842	785	--------	14,433	649	3,972	30
442,865	27,137	3,017	25,408	97,081	53,147	459,864	21,555	181,736	158,070	13,801	234,660	31
122,150	20,307	2,138	71,611	48,293	38,638	21,718	--------	11,275	5,073	1,963	25,332	32
22,246	4,028	6,012	4,569	8,582	7,803	8,562	4,100	106	4,251	285	1,710	33
165,930	27,819	59,979	19,540	31,296	22,961	180,970	46,765	19,758	79,591	449	50,155	34
114,664	8,458	67,097	15,147	25,903	17,353	42,655	13,495	--------	28,485	287	7,162	35
60,320	8,554	20,338	8,812	25,514	17,238	29,323	8,894	145	19,208	217	15,937	36
276,604	34,189	104,521	24,507	97,722	79,317	121,929	17,969	--------	95,301	3,332	68,350	37
33,074	2,336	8,747	2,679	2,603	2,238	10,667	80	1,383	3,230	1,093	10,483	38
48,049	8,259	12,398	9,024	22,020	19,812	43,178	4,456	--------	28,414	1,316	10,757	39
20,084	4,485	6,062	3,426	10,994	9,142	4,746	781	234	2,738	658	1,445	40
58,724	5,979	23,225	10,291	38,054	27,484	63,636	10,481	2,081	42,757	2,875	16,233	41
163,575	19,090	75,297	26,069	69,698	60,323	89,805	11,071	--------	77,701	563	24,575	42
34,051	5,170	11,604	7,464	7,998	6,079	15,152	1,408	--------	12,603	7	4,634	43
15,245	3,988	3,463	1,237	4,551	3,046	4,692	2,423	--------	2,244	60	2,697	44
74,225	20,433	896	16,276	38,708	33,210	47,843	2,044	6,874	26,869	213	15,126	45
111,022	9,731	54,360	16,668	34,124	17,870	93,822	13,800	10,798	53,833	12	28,035	46
55,736	18,912	12,195	7,124	17,181	14,295	36,908	--------	714	35,592	1,719	15,346	47
59,751	9,771	1,855	17,266	24,949	22,288	115,599	14,124	25,578	17,384	125	21,991	48
7,788	1,616	130	1,680	8,382	7,788	5,591	973	2,444	1,690	82	1,320	49

[3] Includes amounts for general control, public safety, natural resources, health, hospitals, and institutions for the handicapped, correction, libraries, recreation, and miscellaneous and unallocable, not shown separately.

[4] Interest on general debt (other than that paid from accumulated assets of sinking and trust funds), not on debt incurred for enterprise purposes.

Source: Department of Commerce, Bureau of the Census; annual report, Compendium of State Government Finances in 1948.

No. 409.—State Tax Collections, by Type of Tax, by States: 1949

[In thousands of dollars. Includes local shares of State-imposed taxes. Preliminary data]

STATE	Total [1]	Unemployment compensation	SALES AND GROSS RECEIPTS				Motor-vehicle and operators licenses	Individual income	Corporation income [2]	Property
			Total [1]	General sales or gross receipts	Motor vehicle fuels	Alcoholic beverages				
Number of States using tax	48	48	48	27	48	48	48	31	33	44
Total [3]	**8,342,006**	**972,930**	**4,362,837**	**1,605,554**	**1,371,733**	**425,802**	**662,762**	**574,658**	**661,346**	**280,097**
Alabama	119,260	10,858	73,479	32,173	27,758	1,333	6,836	[4] 12,551	[4] 678	6,937
Arizona	50,445	3,712	33,328	17,397	9,588	1,978	3,114	3,010	5,269	941
Arkansas	87,773	6,411	56,431	21,949	20,971	5,129	6,871	3,176	6,325	2,173
California	863,637	113,240	490,935	294,446	128,375	17,563	55,625	50,178	76,291	36,468
Colorado	90,583	5,937	49,730	25,789	18,563	3,584	5,622	11,189	5,783	6,478
Connecticut	100,672	7,705	57,214	15,282	17,276	5,259	9,900	-------	15,276	350
Delaware	16,959	1,372	5,794	[5] 24	3,060	[6] 1,032	1,572	2,357	-------	-------
Florida	145,135	8,082	98,174	-------	46,517	20,400	21,060	-------	-------	4,982
Georgia	119,993	11,216	64,794	-------	38,823	[6] 14,044	5,088	[4] 26,999	(8)	6,795
Idaho	33,775	4,069	14,655	-------	9,356	946	680	5,927	3,610	2,268
Illinois	439,359	63,045	319,760	170,970	52,580	22,193	38,081	-------	-------	157
Indiana	189,487	14,556	138,950	72,327	36,985	12,104	15,635	-------	-------	9,829
Iowa	150,319	9,945	95,225	56,781	25,814	3,274	19,336	16,679	2,936	159
Kansas	106,734	7,335	68,801	38,593	20,378	2,245	9,740	11,931	3,763	1,240
Kentucky	116,710	14,389	60,490	-------	32,803	10,257	7,342	10,113	8,819	8,521
Louisiana	238,862	17,110	129,209	44,447	39,368	15,394	6,622	[4] 19,052	(8)	10,353
Maine	46,083	6,406	23,781	-------	12,099	2,113	5,938	-------	-------	5,692
Maryland	134,663	15,165	72,352	27,951	20,660	5,826	9,048	18,551	7,665	4,040
Massachusetts	267,814	43,526	80,977	-------	23,925	18,551	11,411	42,558	[7] 26,153	76
Michigan	454,110	79,584	284,208	198,762	43,428	6,861	38,079	-------	-------	21,997
Minnesota	176,946	13,948	69,111	-------	26,154	13,608	15,474	32,195	17,680	8,588
Mississippi	92,572	5,372	60,365	25,535	21,819	2,173	3,142	4,231	7,779	1,060
Missouri	180,169	25,209	99,123	70,439	17,527	5,255	16,126	[4] 22,037	(8)	5,540
Montana	(8)	4,004	(8)	-------	7,775	(8)	(8)	4,125	2,240	(8)
Nebraska	46,090	2,343	25,940	-------	18,176	2,558	1,632	-------	-------	13,627
Nevada	10,707	1,605	5,032	-------	2,719	477	1,290	-------	-------	1,810
New Hampshire	23,801	4,010	11,436	-------	4,618	1,042	3,803	943	-------	1,139
New Jersey	194,999	50,505	78,755	-------	30,057	14,766	32,872	-------	-------	8,728
New Mexico	(8)	3,658	31,735	17,352	9,866	1,305	4,300	1,483	1,415	2,686
New York	892,605	150,270	271,309	-------	83,837	44,945	64,821	160,831	160,775	1,405
North Carolina	230,963	20,038	108,732	40,649	44,547	9,155	16,749	24,507	41,016	4,200
North Dakota	37,334	1,726	21,889	11,940	5,254	2,267	4,603	4,948	1,421	1,348
Ohio	402,702	37,964	280,827	140,071	69,459	30,230	43,652	-------	-------	16,665
Oklahoma	152,002	8,104	85,871	35,181	28,111	4,637	14,538	8,067	9,022	-------
Oregon	112,190	13,791	25,150	-------	20,643	1,182	10,346	35,863	20,041	-------
Pennsylvania	508,249	64,312	202,197	-------	78,847	43,890	50,285	-------	94,786	1,904
Rhode Island	47,561	7,839	25,706	5,931	5,886	1,630	4,276	-------	6,644	-------
South Carolina	101,194	7,751	52,931	-------	23,105	[6] 14,803	4,338	[4] 29,671	[4] 263	2,246
South Dakota	31,700	1,094	25,289	11,513	6,656	2,658	2,095	-------	187	240
Tennessee	154,768	14,841	103,849	42,754	39,033	7,837	10,057	3,011	8,561	1,614
Texas	334,680	24,065	136,248	-------	71,636	13,221	23,435	-------	-------	31,899
Utah	46,392	3,405	23,527	13,598	7,127	762	2,378	4,210	3,005	7,054
Vermont	20,473	2,147	9,069	-------	4,137	2,501	3,842	2,183	1,401	328
Virginia	137,636	7,373	57,519	-------	38,375	6,893	11,624	14,291	22,625	8,973
Washington	221,838	25,424	169,240	107,960	27,804	12,375	7,026	-------	-------	10,003
West Virginia	116,615	15,568	87,227	59,410	16,781	[6] 2,751	8,799	-------	-------	193
Wisconsin	200,911	11,521	53,766	-------	29,259	10,891	21,622	41,257	46,128	17,248
Wyoming	17,423	1,380	12,030	6,538	4,520	551	1,927	-------	-------	972

[1] Includes amounts for types of taxes not shown separately.
[2] Includes unincorporated businesses.
[3] Includes estimated amounts (totaling $76,913,000) for missing or incomplete items.
[4] Combined corporation and individual tax amounts as reported by 5 States (Ala., Ga., La., Mo., and S. C.) are tabulated with reported individual income taxes.
[5] Back taxes only; not counted with "Number of States using tax."
[6] Includes related license taxes.
[7] Comprises tax on banks and finance companies, soldiers' bonus excise and additional surtax and excise tax on corporations.
[8] Not available.

Source: Department of Commerce, Bureau of the Census; annual reports, State Tax Collections in 1949 and Sources of State Tax Revenue in 1949.

No. 410.—Debt of State Governments Outstanding at End of Fiscal Year, by States: 1949

[**In thousands of dollars.** 1949 data are preliminary. Data are for State fiscal years ending on June 30, except for 7 States with earlier closing dates (in same calendar year—May 31 for Pa., March 31 for N. Y., and Wash.; in previous calendar year—Dec. 31 for Ohio, Sept. 30 for Ala. and Wyo., Aug. 31 for Texas). For these States, gross debt as of June 30, 1949 was as follows: Ala., $55,660,000, N. Y., $830,447,000, Ohio, $210,651,000, Pa., $301,415,000, Texas, $24,283,000, Wash., $21,810,000, and Wyo., $2,173,000]

STATE	GROSS DEBT				LONG-TERM DEBT			Short-term debt	Sinking-fund offsets to long-term debt	Net long-term debt
	Total		General	Enterprise	Total	Full faith and credit	Non-guaranteed			
	1948	1949								
Total	**3,592,240**	**4,024,473**	**3,566,165**	**458,308**	**4,008,929**	**3,391,242**	**617,687**	**15,544**	**734,225**	**3,274,704**
Alabama	58,335	57,012	50,187	6,825	57,012	51,998	5,014	-------	18,454	38,558
Arizona	2,900	2,743	2,743	-------	2,743	778	1,965	-------	293	2,450
Arkansas	125,905	121,739	121,739	-------	121,739	116,484	5,255	-------	10,180	111,559
California	167,338	205,779	153,088	52,691	205,779	177,997	27,782	-------	141,723	64,056
Colorado	16,066	14,739	14,739	-------	14,432	470	13,962	307	501	13,931
Connecticut	82,753	82,530	68,010	14,520	82,230	82,230	-------	300	10,906	71,324
Delaware	7,231	48,218	8,218	40,000	48,218	8,218	40,000	-------	-------	48,218
Florida	2,531	15,539	15,539	-------	15,539	-------	15,539	-------	640	14,899
Georgia	4,668	3,187	3,149	38	3,187	312	2,875	-------	464	2,723
Idaho	361	313	313	-------	313	16	297	-------	120	193
Illinois	474,431	454,727	454,727	-------	454,727	449,929	4,798	-------	17,054	437,673
Indiana	14,829	13,389	13,389	-------	13,389	-------	13,389	-------	2,839	10,550
Iowa	1,928	1,953	1,953	-------	1,953	22	1,931	-------	22	1,931
Kansas	7,665	6,347	6,347	-------	6,347	6,347	-------	-------	1,411	4,936
Kentucky	8,017	8,350	7,415	935	8,350	2,584	5,766	-------	146	8,204
Louisiana	171,908	162,568	138,238	24,330	162,568	151,705	10,863	-------	-------	162,568
Maine	12,856	10,922	10,442	480	10,922	10,222	700	-------	366	10,556
Maryland	33,031	69,182	31,682	37,500	69,182	25,849	43,333	-------	2,862	66,320
Massachusetts	179,296	207,261	166,146	41,115	207,261	207,261	-------	-------	7,015	200,246
Michigan	255,270	248,660	248,660	-------	248,660	215,563	33,097	-------	2,520	246,140
Minnesota	58,906	52,573	52,573	-------	52,573	51,793	780	-------	19,639	32,934
Mississippi	76,761	76,181	76,181	-------	76,181	13,177	63,004	-------	13,571	62,610
Missouri	53,639	51,370	51,370	-------	51,370	48,399	2,971	-------	7,852	43,518
Montana	12,691	20,480	16,490	3,990	20,480	14,364	6,116	-------	2,109	18,371
Nebraska	918	741	741	-------	741	-------	741	-------	12	729
Nevada	300	615	615	-------	615	615	-------	-------	25	590
New Hampshire	15,393	19,725	16,667	3,058	13,475	12,287	1,188	6,250	2,188	11,287
New Jersey	102,195	106,605	106,605	-------	106,605	106,605	-------	-------	26,359	80,246
New Mexico	25,397	28,507	28,507	-------	28,507	21,716	6,791	-------	258	28,249
New York	926,570	836,100	836,100	-------	828,309	828,232	77	7,791	160,151	668,158
North Carolina	84,180	76,705	76,705	-------	76,705	75,660	1,045	-------	57,122	19,583
North Dakota	18,265	45,604	45,604	-------	44,912	43,049	1,863	692	17,214	27,698
Ohio	9,556	203,901	203,326	575	203,842	201,613	2,229	59	20,056	183,786
Oklahoma	23,813	38,513	38,513	-------	38,513	17,650	20,863	-------	17,650	20,863
Oregon	20,547	32,065	32,065	-------	32,065	24,822	7,243	-------	22,397	9,668
Pennsylvania	165,415	301,415	122,329	179,086	301,415	113,829	187,586	-------	93,967	207,448
Rhode Island	43,277	42,857	41,995	862	42,857	42,857	-------	-------	4,707	38,150
South Carolina	86,291	96,426	67,412	29,014	96,426	67,412	29,014	-------	9,043	87,383
South Dakota	18,778	17,606	17,606	-------	17,606	17,199	407	-------	6,537	11,069
Tennessee	79,095	97,469	97,469	-------	97,469	94,487	2,982	-------	9,536	87,933
Texas	20,445	24,404	24,404	-------	24,376	4,102	20,274	28	2,080	22,296
Utah	1,456	1,113	1,113	-------	1,113	962	151	-------	975	138
Vermont	2,890	2,992	2,992	-------	2,992	2,992	-------	-------	-------	2,992
Virginia	19,304	18,532	18,532	-------	18,415	13,115	5,300	117	13,634	4,781
Washington	25,772	24,840	4,050	20,790	24,840	3,228	21,612	-------	3,722	21,118
West Virginia	66,162	65,651	63,152	2,499	65,651	61,822	3,829	-------	5,905	59,746
Wisconsin	4,586	4,152	4,152	-------	4,152	-------	4,152	-------	-------	4,152
Wyoming	2,319	2,173	2,173	-------	2,173	1,270	903	-------	-------	2,173

Source: Department of Commerce, Bureau of the Census; annual report, Governmental Debt in 1949.

No. 411.—Number of State Government Employees, by Function and by States: April 1949

[Includes both permanent and temporary employees. Numbers of part-time employees not reduced to full-time equivalent]

State	Total [1]	General government functions								State government enterprises [3]
		General control	Public safety	Highways	Natural resources	Hospitals and institutions for the handicapped	Schools	Employment security administration	Other [2]	
Total [1]	**982,100**	**78,200**	**56,400**	**164,400**	**66,500**	**157,800**	**293,900**	**45,600**	**101,500**	**18,000**
Alabama	17,200	1,067	544	2,595	1,989	2,406	5,322	935	1,220	1,114
Arizona [4]	6,000	424	[5] 171	[5] 1,405	483	430	2,002	311	793	----
Arkansas	11,000	787	[6] 135	2,161	1,050	1,924	3,679	472	[6] 744	----
California	68,100	10,871	4,843	6,886	4,059	8,932	21,592	4,609	5,343	928
Colorado	12,300	1,086	243	1,699	465	1,676	6,003	376	795	----
Connecticut [4]	16,000	2,735	579	2,878	315	3,974	2,830	960	1,711	----
Delaware	4,000	302	350	654	354	193	1,707	106	380	----
Florida	23,500	971	2,847	5,219	3,108	1,901	5,332	310	3,841	----
Georgia	16,500	1,144	532	3,728	1,519	2,087	5,471	735	1,316	----
Idaho	5,600	400	138	1,012	473	336	2,067	229	712	228
Illinois	40,400	[7] 4,714	[8] 4,214	5,420	1,394	([9])	9,205	2,126	[7] [9] 13,303	----
Indiana	23,000	1,239	1,986	3,242	1,244	3,682	8,367	968	2,286	----
Iowa	21,300	1,468	725	1,917	1,396	3,679	8,559	678	2,159	699
Kansas	16,100	1,395	824	2,642	673	1,791	7,252	375	1,190	----
Kentucky [4]	15,300	846	659	[10] 4,562	1,988	1,344	3,788	509	1,558	([10])
Louisiana	28,400	1,337	695	4,700	2,402	6,506	7,736	659	3,359	1,012
Maine	8,100	725	385	2,133	925	1,045	1,456	317	757	347
Maryland	15,800	([11])	([11])	([11])	([11])	([11])	3,377	([11])	([11])	([11])
Massachusetts	27,300	2,571	2,575	([11])	982	8,425	2,254	2,122	3,562	152
Michigan [4]	35,700	2,497	1,333	2,087	1,299	6,765	13,843	2,349	4,245	1,237
Minnesota [4]	22,300	1,122	[5] 1,407	[5] 3,377	1,502	[12] 3,831	9,242	781	[12] 1,087	----
Mississippi	13,300	726	539	2,189	2,467	1,475	3,638	476	1,777	----
Missouri	20,800	1,875	829	3,693	1,591	3,819	5,338	965	2,715	----
Montana	5,800	306	181	1,115	483	594	2,037	305	521	298
Nebraska	9,600	485	[5] [13] 40	[5] 2,082	[13] 747	[12] 2,337	2,545	293	[12] [13] 1,042	----
Nevada	1,900	194	65	620	170	84	472	[14] 223	[14] 80	----
New Hampshire	6,100	742	231	1,411	274	961	1,390	240	550	286
New Jersey	22,800	1,821	3,208	2,851	1,482	5,070	3,576	2,251	2,546	----
New Mexico	7,200	502	258	1,172	580	583	3,018	187	892	----
New York	79,100	11,572	5,501	9,751	[15] 5,613	26,063	6,451	5,574	[15] 8,602	----
North Carolina	61,300	1,665	945	[16] 9,900	1,906	[12] 3,468	41,894	820	[12] 658	----
North Dakota	4,600	377	191	770	383	670	1,348	200	419	280
Ohio	38,900	1,933	2,394	[10] 6,989	1,412	[9] 183	11,276	2,350	[9] 10,746	[10] 1,649
Oklahoma [4]	19,400	1,159	806	2,688	1,696	2,490	7,732	521	2,315	----
Oregon	15,500	1,331	1,207	2,813	1,619	1,458	4,643	637	1,271	556
Pennsylvania	63,100	5,385	4,734	14,276	2,803	([9])	9,330	3,530	[9] 18,285	4,784
Rhode Island [17]	6,400	944	524	769	187	1,258	1,078	469	1,153	38
South Carolina	14,000	911	610	3,792	1,646	1,191	3,272	534	1,586	432
South Dakota [4]	5,000	467	72	1,015	408	476	1,591	139	614	169
Tennessee	14,000	865	643	3,154	223	795	3,935	981	3,368	----
Texas	39,900	1,772	2,207	8,902	2,508	3,748	15,645	1,362	3,738	----
Utah	7,400	544	204	979	956	481	3,131	269	576	222
Vermont	3,600	514	199	[10] 767	266	417	799	169	419	[10] 87
Virginia	26,500	717	1,218	8,489	1,778	4,317	6,774	519	1,631	1,104
Washington	20,800	913	1,439	[10] 2,155	2,168	1,928	7,547	911	2,650	[10] 1,039
West Virginia	18,400	541	844	5,749	3,540	[12] 1,690	3,664	483	[12] 1,011	851
Wisconsin	19,900	([11])	([11])	([11])	([11])	([11])	9,681	([11])	([11])	----
Wyoming	2,800	148	[5] 81	[5] 723	307	104	1,046	127	286	20

[1] Totals are rounded to include estimates for missing items.
[2] Includes health, public welfare, correction, and other general government functions.
[3] Principally alcoholic-beverage monopoly systems (operated by 16 States); also includes airports, harbors, ferries, and other State-operated enterprises.
[4] Nonschool data for a previous month.
[5] Data for State police included with highways.
[6] Data for public safety, except State police, included with "other" general government.
[7] Data for libraries included with general control.
[8] Data for State prisons included with public safety.
[9] Data for hospitals and institutions for the handicapped included with "other" general government.
[10] Data for toll bridges included with highways.
[11] Not available.
[12] Data for correction included with hospitals and institutions for the handicapped.
[13] Data for public safety, except police and alcoholic-beverage control, and for natural resources, except agricultural experiment stations and extension services, included with other.
[14] Data for public welfare included with employment security.
[15] Data for recreation and parks included with natural resources.
[16] Data for State prisons included with highways.
[17] Employee and pay roll data from separate sources; not strictly comparable.

Source: Department of Commerce, Bureau of the Census, annual report, State Employment in 1949.

No. 412.—Monthly Pay Rolls of State Governments, by Functions and by States: April 1949

[In thousands of dollars. Includes pay rolls for both permanent and temporary employees]

STATE	Total [1]	GENERAL GOVERNMENT FUNCTIONS								State government enterprises [3]
		General control	Public safety	Highways	Natural resources	Hospitals and institutions for the handicapped	Schools	Employment security administration	Other [2]	
Total [1]	**196,871.9**	**17,783.1**	**13,925.2**	**32,172.2**	**12,816.9**	**27,705.4**	**56,693.7**	**10,917.1**	**21,047.5**	**3,812.1**
Alabama	2,824 6	249.3	123.7	418.3	337.0	286.5	777.4	201.6	214.6	216.1
Arizona [4]	1,226.8	78.1	[5] 42.7	[5] 370.6	98.1	70.4	349.5	77.8	139.6	----
Arkansas	1,532.3	153.0	[6] 29.7	359.0	158.1	159.2	446.6	102.9	[5] 123.7	----
California	18,277.6	(7)	(7)	(7)	(7)	(7)	4,902.3	(7)	(7)	(7)
Colorado	2,295.8	237.5	60.8	392.5	102.1	305.1	928 1	85.3	184.4	----
Connecticut [4]	3,329.1	599.5	129.3	717.7	82.9	579.0	620.3	207.5	392.9	----
Delaware	705.7	56.6	68.3	117.7	43 9	22.3	311.4	24.3	61.2	----
Florida	3,841.5	(7)	(7)	(7)	(7)	(7)	949.9	(7)	(7)	----
Georgia	2,624.3	204.5	103 1	581.9	225.4	246.7	856.3	160.4	246.0	----
Idaho	956.5	66.6	26.3	211.6	98.6	36.4	306.1	52.9	128.1	29.8
Illinois	8,281.5	[8]1,070.5	[9] 914.2	998.5	264.2	([10])	1,885.7	485.7	[8 10] 2,662.	----
Indiana	4,749.1	(7)	(7)	(7)	(7)	(7)	1,671.0	(7)	(7)	----
Iowa	3,769.5	374.8	151 6	425.6	233.7	461.1	1,467.5	148.9	365.1	141.2
Kansas	2,681.7	216.1	162.9	539.0	117.4	226.7	1,099.8	89.3	230.6	----
Kentucky [4]	2,278.1	134.0	120.8	[11] 724 2	297.0	145.6	483 8	121.5	251.3	([11])
Louisiana	4,444.6	281.1	152.6	726.7	445.2	783.3	1,114.0	139 5	600.7	201.4
Maine	1,530.8	154.3	80.9	443.0	194 0	152.8	212.7	69.3	149.5	74.4
Maryland	2,974.1	(7)	(7)	(7)	(7)	(7)	553 1	(7)	(7)	(7)
Massachusetts	6,025 5	592.6	613.2	(7)	213.4	1,795.2	430.7	478.0	761.8	37.6
Michigan [4]	8,205.2	670.4	356.0	576.4	328.1	1,425.3	2,884.2	585.7	1,079.6	299.8
Minnesota [4]	4,622.4	240.4	[5] 305 9	[5] 764.4	342.1	[12] 773.2	1,798.6	170.9	[12] 226.9	----
Mississippi	2,079.4	211.1	112 3	376.6	288 7	133.1	574.0	129.7	253.8	----
Missouri	3,321.0	370 5	179.0	676.1	293.1	461.7	734.0	167.8	438.8	----
Montana	1,092.1	88.1	34.3	313.7	84.3	76 8	304 4	59.1	105.8	25 5
Nebraska	1,639.1	131.8	[5 13] 6.4	[5] 387.8	[13] 187.0	[12] 306 4	371 4	58.9	[13 12] 189.5	----
Nevada	433.0	41.6	16.3	168.9	39.8	11.6	89.2	[14] 50.5	[14] 15.1	----
New Hampshire	977.9	72.0	47.3	274.3	47 9	123.4	218.7	42.3	96.5	55.6
New Jersey	4,693.4	447.2	745 4	657 4	241.8	924.4	766 1	443.0	468.3	----
New Mexico	1,175.3	101.5	56 9	233.4	118.1	73.7	422.3	45.3	124 2	----
New York	19,930.5	3,231.5	1,642.9	2,190.9	[16]1,052.9	6,373.7	1,611.4	1,365.2	[15] 2,462.1	----
North Carolina	15,563.7	413.4	330.6	[16]1,886.7	410.3	[12] 524.2	11,651.5	187.3	[12] 169.7	----
North Dakota	940.9	57.3	38.5	183.5	80.5	89.5	312 5	41.9	79.6	57.4
Ohio	7,384.7	456.1	533.7	[11]1,507.2	255.1	[10] 37.0	2,021.2	496.4	[10] 745.9	[11] 332.1
Oklahoma [4]	3,086.0	220.6	140.4	432.8	268.2	265.2	1,248 2	107.4	403.2	----
Oregon	3,164.6	254.3	295.8	711.6	344.3	254.8	753.5	137.7	270.3	142 4
Pennsylvania	11,799.7	1,265.9	1,115.7	2,401.1	452.7	([10])	1,547.7	811.1	[10] 3,225.5	979.9
Rhode Island [17]	1,299.8	178.9	87.6	238.3	41.1	223.8	179.0	91.6	252.7	6.7
South Carolina	2,324 7	170.5	132 0	570.4	284.2	155.3	551 3	122.6	273.0	65.4
South Dakota [4]	849.6	84.4	15.3	215.5	86.8	51.0	240.9	26.4	88.3	41.6
Tennessee	2,439.8	181.9	121.2	504.0	36.0	70.0	799.9	196.4	530.5	----
Texas	7,458.6	391.8	516.4	2,012.1	475.6	421.0	2,516.3	384.8	740.6	----
Utah	1,337.0	104.5	46.6	226.4	138.2	88.8	514.5	62.5	115.5	40.1
Vermont	651.9	90.9	42.3	[11] 136.0	41.1	57.0	159.4	33.6	75.5	[11] 16.2
Virginia	4,481.2	139.2	263.7	1,258.9	323.8	646.7	1,172.2	111.4	347.8	217.5
Washington	4,443.3	209.4	339.0	[11] 621.7	464.3	307.2	1,398.5	229.8	644.1	[11] 229.4
West Virginia	2,683.4	111.9	152.1	957.7	179.8	[12] 207.3	589.0	95.7	[12] 197.0	192.9
Wisconsin	3,867 1	(7)	(7)	(7)	(7)	(7)	1,705.8	(7)	(7)	----
Wyoming	577.6	21.1	[5] 20.8	[5] 175.9	71.3	14.3	191.8	29.6	48.0	4.9

[1] Totals are rounded to include estimates for missing items.
[2] Includes health, public welfare, correction, and other general-government functions.
[3] Principally alcoholic-beverage monopoly systems (operated by 16 States); also includes airports, harbors, ferries, and other State-operated enterprises.
[4] Nonschool data for a previous month.
[5] Data for State police included with highways.
[6] Data for public safety, except State police, included with "other" general government.
[7] Not available.
[8] Data for libraries included with general control.
[9] Information for State prisons included with public safety.
[10] Data for hospitals and institutions for the handicapped included with other general government.
[11] Data for toll bridges included with highways.
[12] Data for correction included with hospitals and institutions for the handicapped.
[13] Data for public safety, except police and alcoholic-beverage control, and for natural resources, except agricultural experiment stations and extension services, included with "other" general government.
[14] Data for public welfare included with employment security.
[15] Data for recreation and parks included with natural resources.
[16] Data for State prisons included with highways.
[17] Employee and pay roll data from separate sources; not strictly comparable.

Source: Department of Commerce, Bureau of the Census, annual report, State Employment in 1949.

No. 413.—Financial Transactions of State-Administered Public-Employee Retirement Systems, by States: 1948

[In thousands of dollars. Investment transactions are excluded]

State	Receipts					Payments			
	Total	Employee contributions	Government contributions		Earnings on investments	Total	Benefits [1]	Withdrawals [1]	Other
			State	Local					
Total	**423,614**	**182,318**	**127,099**	**60,918**	**53,279**	**121,360**	**83,492**	**33,836**	**4,032**
Alabama	3,661	1,565	1,874	23	199	369	148	180	41
Arizona	1,408	789	162	385	72	251	148	82	21
Arkansas	2,058	763	1,150	----	145	541	387	124	30
California	55,627	24,369	21,451	6,194	3,613	15,239	11,768	3,161	310
Colorado	1,657	796	497	266	98	407	198	176	33
Connecticut	6,621	3,612	1,869	263	877	2,560	1,791	769	----
Delaware	47	6	41	----	----	34	34	----	----
Florida	5,950	4,293	1,175	238	244	1,167	751	325	91
Georgia	4,595	1,768	2,281	362	184	509	304	141	64
Idaho	991	651	106	227	7	213	131	64	15
Illinois	14,573	7,559	6,126	50	838	6,103	4,763	1,045	295
Indiana	10,648	4,065	4,199	894	1,490	3,706	3,178	414	114
Iowa	2,459	1,207	44	1,207	1	188	141	3	44
Kansas	1,128	1,041	----	----	87	403	114	266	23
Kentucky	2,189	1,012	956	----	221	428	250	142	36
Louisiana	7,443	3,070	1,437	2,333	603	679	327	325	27
Maine	2,671	1,154	1,203	165	149	896	850	----	46
Maryland	4,963	1,692	2,789	26	456	1,106	720	346	40
Massachusetts	9,313	6,534	522	55	2,202	3,457	2,134	1,323	----
Michigan	16,912	8,082	7,342	774	714	5,065	3,305	1,646	114
Minnesota	5,785	4,291	1,049	----	445	2,338	1,156	1,106	76
Mississippi	1,044	782	226	----	36	307	217	68	22
Missouri	2,554	1,246	42	1,204	62	209	124	39	46
Montana	2,022	1,206	426	307	83	726	390	287	49
Nebraska	1,365	812	517	5	31	186	76	91	19
Nevada	229	110	103	----	16	105	46	35	24
New Hampshire	1,720	819	534	299	68	337	233	71	33
New Jersey	23,968	8,200	8,965	1,835	4,968	8,503	6,531	1,827	145
New Mexico	840	142	673	14	11	324	313	----	11
New York	75,692	28,454	9,387	23,845	14,006	24,554	16,301	7,304	949
North Carolina	12,985	5,089	6,671	338	887	1,438	646	684	108
North Dakota	472	139	95	164	74	215	172	22	21
Ohio	30,168	14,086	2,446	8,352	5,284	11,297	7,586	3,437	274
Oklahoma	2,608	1,669	820	----	119	279	58	169	52
Oregon	7,960	3,269	1,990	2,562	139	1,064	500	468	96
Pennsylvania	39,762	12,677	12,088	5,579	9,418	13,415	8,873	4,391	151
Rhode Island	1,028	525	407	----	96	247	127	120	----
South Carolina	5,845	2,196	2,879	611	159	1,094	744	235	115
South Dakota	416	189	215	----	12	14	2	6	6
Tennessee	3,293	1,904	1,338	----	51	353	220	70	63
Texas	11,204	4,833	5,259	----	1,112	2,229	960	1,195	74
Utah	2,502	1,645	694	----	163	654	376	265	13
Vermont	1,027	430	549	----	48	169	119	39	11
Virginia	6,990	2,795	3,742	----	453	1,421	884	485	52
Washington	8,117	3,541	4,246	----	330	2,553	2,457	----	96
West Virginia	4,669	1,738	2,548	----	383	907	729	141	37
Wisconsin	14,323	5,443	3,966	2,292	2,622	3,043	2,153	749	141
Wyoming	112	60	----	49	3	58	54	----	4

[1] Amounts for withdrawals shown separately when available; otherwise included with benefit payments.

Source. Department of Commerce, Bureau of the Census; annual report, Compendium of State Governmen Finances in 1948.

No. 414.—Summary of Finances of State-Administered Public-Employee Retirement Systems: 1943 to 1948

[In thousands of dollars]

ITEM	RECEIPTS					PAYMENTS				Assets end of fiscal year
	Total	Employee contribution	Government contribution		Earnings on investments	Total	Benefits [1]	Withdrawals [1]	Other	
			State	Local						
1943	177,012	69,525	[2] 69,859	(2)	37,628	71,109	60,144	9,430	1,535	1,082,550
1944	195,234	76,357	50,243	26,354	42,280	[3] 70,178	48,662	18,857	1,752	1,241,772
1945	220,095	89,370	63,658	21,945	45,122	75,282	52,464	20,962	1,856	1,390,249
1946	265,718	110,131	71,833	36,469	47,285	90,595	60,034	27,976	2,585	1,607,224
1947	317,051	144,808	86,105	38,238	47,900	105,290	70,560	31,579	3,151	1,789,848
1948	423,614	182,318	127,099	60,918	53,279	121,360	83,492	33,836	4,032	2,092,571
General (State and local)	176,064	83,399	40,271	34,800	17,594	40,654	22,887	16,051	1,716	(4)
Educational:										
Teachers	205,980	81,109	67,932	23,855	[3] 33,084	69,365	52,179	15,206	1,890	(4)
School-nonteachers	2,613	1,087	165	1,109	252	824	534	252	38	(4)
School employees [5]	10,318	6,052	3,864	----	402	3,859	2,620	1,175	64	(4)
University and college	4,010	1,315	2,248	----	447	1,518	1,376	105	37	(4)
General and teachers	19,834	7,973	10,287	472	1,102	2,913	1,826	860	227	(4)
Police	2,379	715	1,138	304	222	932	836	60	36	(4)
Firemen	322	127	177	----	18	136	132	1	3	(4)
Judicial	434	161	191	50	32	214	204	9	1	(4)
Other	1,660	380	826	328	126	945	898	27	20	(4)

[1] Amounts of withdrawals shown separately when available; otherwise included with benefit payments.
[2] Local contributions included with State contributions; segregation not available.
[3] Includes $907,000 not distributed according to object of payment.
[4] Not available.
[5] Teachers and nonteachers not reported separately.

No. 415.—State Unemployment-Compensation Fund Finances: 1943 to 1948

[In thousands of dollars]

ITEM	1943	1944	1945	1946	1947	1948
Total receipts	1,242,309	1,405,242	1,364,172	1,161,817	1,098,787	1,202,947
Contributions from general funds (unemployment compensation tax)	1,171,515	1,319,451	1,253,781	1,033,591	969,227	1,059,413
Interest	70,794	85,791	110,391	128,226	129,560	143,534
Benefit payments	209,791	65,008	70,372	964,661	880,360	755,646
Assets, end of fiscal year	3,686,787	5,164,218	6,457,321	6,664,593	6,885,449	7,292,921

Source of tables 414 and 415: Department of Commerce, Bureau of the Census; annual reports, Compendium of State Government Finances.

No. 416.—Income and Expense Statement of the 16 State-Operated Alcoholic-Beverage Monopoly Systems, by States: 1949

[In thousands of dollars]

STATE	Net sales of goods	Cost of goods sold	Gross profit on sales	Operating expense	Net operating revenue	Other income	Other expense	Net income
Total	**848,830**	**650,246**	**198,584**	**43,549**	**155,035**	**4,443**	**1,640**	**157,838**
Alabama	46,691	32,598	14,093	1,927	12,166	251	----	12,417
Idaho	10,956	7,761	3,195	662	2,533	8	----	2,541
Iowa	39,600	29,312	10,288	2,168	8,120	87	----	8,207
Maine	18,980	13,740	5,240	1,081	4,159	314	----	4,473
Michigan	126,121	95,205	30,916	3,490	27,426	617	----	28,043
Montana	15,188	11,487	3,701	1,043	? 658	26	----	2,684
New Hampshire	15,018	11,483	3,535	728	2,807	61	----	2,868
Ohio	137,252	116,379	20,873	5,195	15,678	323	1,153	14,848
Oregon	30,615	29,922	9,693	1,994	7,699	40	475	7,264
Pennsylvania	188,119	137,726	50,393	14,449	35,944	1,530	----	37,474
Utah	12,071	7,873	4,198	950	3,248	46	----	3,294
Vermont	6,017	5,598	419	284	135	1	----	136
Virginia	88,257	68,337	19,920	3,699	16,221	633	12	16,842
Washington	51,884	42,750	9,134	2,800	6,334	169	----	6,503
West Virginia	46,235	33,965	12,270	2,914	9,356	326	----	9,682
Wyoming	6,826	6,110	716	165	551	11	----	562

Source: Department of Commerce, Bureau of the Census; annual report, Summary of State Government Finances in 1949.

No. 417.—Revenue and Expenditure of

[In thousands

Line No.	POPULATION GROUP AND CITY	Total general revenue and borrowings	General borrowings [1]	GENERAL REVENUE					GENERAL EXPENDITURE		
				Total	Property taxes	Other local taxes	Aid received from other governments	Charges and miscellaneous	Total [2]	Provision for debt retirement	Total less provision for debt retirement
1	**Total**	4,204,969	451,501	3,753,468	2,058,183	563,893	739,588	391,804	4,052,499	288,911	3,763,588
2	**Over 1,000,000, total**	1,685,238	190,114	1,495,124	751,668	310,427	330,791	102,238	1,629,354	97,516	1,531,838
3	New York	1,072,776	83,564	989,212	496,165	210,913	243,771	38,363	1,062,682	66,226	996,456
4	Chicago	200,160	57,350	142,810	70,531	39,727	20,811	11,741	169,823	14,707	155,116
5	Philadelphia	139,344	34,900	104,444	50,053	38,231	4,179	11,981	127,027	3,891	123,136
6	Detroit	174,618	-------	174,618	100,016	1,812	48,497	24,293	185,152	10,937	174,215
7	Los Angeles	98,340	14,300	84,040	34,903	19,744	13,533	15,860	84,670	1,755	82,915
8	**500,000 to 1,000,000, total.**	609,865	41,594	568,271	330,255	69,443	125,299	43,274	590,470	38,394	552,076
9	Cleveland	52,676	6,055	46,621	26,377	1,565	10,218	8,461	50,249	5,986	44,263
10	Baltimore	86,191	-------	86,191	45,857	7,616	27,085	5,633	93,915	4,402	89,513
11	St. Louis	44,227	4,000	40,227	21,594	11,602	1,460	5,571	39,156	4,320	34,836
12	Boston	126,916	15,800	111,116	77,558	3,025	25,414	5,119	123,681	7,768	115,913
13	Pittsburgh	32,633	4,000	28,633	20,411	4,645	1,492	2,085	30,011	4,306	25,705
14	Washington, D.C.	92,998	-------	92,998	39,280	33,497	15,790	4,431	91,098	54	91,044
15	San Francisco	76,052	11,003	65,049	40,791	3,941	15,851	4,466	63,399	3,650	59,749
16	Milwaukee	52,223	-------	52,223	29,849	1,853	15,490	5,031	51,374	-------	51,374
17	Buffalo	45,949	736	45,213	28,538	1,699	12,499	2,477	47,587	7,908	39,679
18	**250,000 to 500,000, total.**	577,552	78,097	499,455	277,990	69,156	78,630	73,679	551,855	49,704	502,151
19	New Orleans	31,706	5,500	26,206	8,416	11,382	4,102	2,306	30,147	2,223	27,924
20	Minneapolis	45,131	5,717	39,414	26,354	1,728	6,265	5,067	45,786	6,200	39,586
21	Cincinnati	39,090	9,564	29,526	13,816	1,603	4,270	9,837	32,525	3,207	29,318
22	Newark	54,046	3,899	50,147	41,573	3,629	2,084	2,861	49,390	3,283	46,107
23	Kansas City, Mo.	15,409	-------	15,409	7,400	5,883	349	1,777	16,023	1,207	14,816
24	Indianapolis	12,149	529	11,620	8,321	243	1,784	1,272	12,638	666	11,972
25	Houston	24,000	6,860	17,140	12,873	1,317	91	2,859	27,992	3,691	24,301
26	Seattle	35,013	14,146	20,867	7,444	4,801	4,532	4,090	24,331	1,753	22,578
27	Rochester	30,216	-------	30,216	18,341	899	7,006	3,970	32,000	4,548	27,452
28	Denver	43,490	9,984	33,506	10,773	5,299	14,698	2,736	33,672	885	32,787
29	Louisville	21,671	60	21,611	12,885	2,086	1,930	4,710	21,884	1,102	20,782
30	Columbus	14,261	2,384	11,877	3,897	2,865	2,412	2,703	13,262	1,851	11,411
31	Portland, Oreg.	15,388	962	14,426	8,094	1,827	1,203	3,302	16,224	1,532	14,692
32	Atlanta	18,529	109	18,420	8,139	3,028	2,094	5,159	23,936	1,312	22,624
33	Oakland	16,563	-------	16,563	9,119	3,349	2,174	1,921	17,909	626	17,283
34	Jersey City	36,743	934	35,809	26,275	2,300	4,839	2,395	34,447	2,941	31,506
35	Dallas	20,939	5,580	15,359	9,048	2,273	106	3,932	22,686	2,041	20,645
36	Memphis	16,594	-------	16,594	7,140	1,771	4,560	3,123	18,773	1,258	17,515
37	St. Paul	20,805	1,404	19,401	11,681	1,565	3,869	2,286	19,449	1,432	18,017
38	Toledo	19,613	1,692	17,921	3,936	7,085	3,392	3,508	16,534	2,608	13,926
39	Birmingham	10,361	885	9,476	2,745	2,952	2,367	1,412	9,623	1,113	8,510
40	San Antonio	14,216	6,032	8,184	6,296	666	6	1,216	10,876	2,535	8,341
41	Providence	21,619	1,856	19,763	13,424	605	4,497	1,237	21,748	1,690	20,058
42	100,000 to 250,000, total.	502,363	48,657	453,706	267,917	42,092	78,317	65,380	479,293	43,580	435,713
43	50,000 to 100,000, total.	425,083	45,888	379,195	226,305	39,395	59,688	53,807	418,717	34,538	384,179
44	25,000 to 50,000, total.	404,868	47,151	357,717	204,048	33,380	66,863	53,426	382,810	25,179	357,631

[1] For general-government purposes only. Consists of long-term debt incurred during fiscal year other than by funding or refunding, plus any excess of issuance over redemption (i. e., excluding funding) of shorr-term debt.

[2] Includes amounts for aid paid to other governments and for contributions to trust funds and to enterprises, not shown separately.

CITIES HAVING 25,000 OR MORE INHABITANTS: 1948

of dollars]

GENERAL EXPENDITURE—continued											ENTERPRISES		
	Operation												
Total[3]	General control	Police	Fire	Highways	Sanitation	Health and hospitals	Public welfare	Schools	Interest	Capital outlay only	Operating revenue	Operating expense except depreciation	Line No.
2,853,654	228,907	369,655	278,877	219,663	232,038	258,559	320,668	633,667	119,234	467,455	867,876	616,338	1
1,105,440	89,353	149,349	84,837	59,575	82,093	106,122	181,857	258,422	52,889	161,676	344,275	296,192	2
726,464	51,444	70,121	43,825	34,981	44,144	76,139	150,447	206,306	33,751	79,631	191,827	189,764	3
108,012	11,825	28,832	12,775	9,099	12,888	8,649	15,225	-------	2,366	19,280	18,473	15,713	4
81,991	13,374	18,544	11,105	6,032	8,157	7,939	4,286	26	8,516	23,185	8,363	6,920	5
134,371	7,302	16,199	7,375	4,160	12,041	10,216	11,844	52,090	6,803	21,200	54,936	45,958	6
54,602	5,408	15,653	9,757	5,303	4,863	3,179	55	-------	1,453	18,380	70,676	37,337	7
440,818	35,552	56,900	39,672	27,246	35,678	55,654	50,132	85,658	11,667	63,949	113,777	82,613	8
33,998	2,491	7,140	4,144	3,348	5,519	4,925	2,457	-------	2,194	5,488	40,588	33,580	9
69,173	4,114	7,161	5,184	5,922	5,463	4,975	8,815	20,518	3,778	11,301	8,035	4,274	10
31,081	3,505	6,638	2,967	1,701	1,714	8,672	847	-------	1,060	1,077	6,652	3,806	11
95,832	6,552	8,701	7,305	4,842	5,464	10,181	22,275	19,850	1,156	14,998	6,568	3,450	12
20,402	2,338	4,279	3,451	1,776	3,674	1,649	32	-------	1,153	3,214	4,051	2,974	13
71,254	5,340	7,386	3,585	2,513	4,024	15,614	4,689	17,852	1	12,385	4,100	2,665	14
47,911	6,296	6,303	6,412	1,841	1,781	7,305	10,976	-------	955	4,608	36,566	27,929	15
38,164	2,508	4,995	3,489	3,109	5,115	1,300	4	13,609	83	8,130	4,210	2,353	16
33,003	2,408	4,297	3,135	2,194	2,924	1,033	37	13,829	1,287	2,748	3,007	1,582	17
369,144	29,141	47,843	41,560	31,398	33,514	36,444	24,587	81,984	18,003	87,001	120,810	70,664	18
19,811	3,355	2,744	2,220	2,734	3,276	750	666	411	1,172	3,936	5,096	3,942	19
30,755	1,666	2,311	2,097	1,920	1,378	3,245	1,080	13,665	1,055	5,302	2,759	1,977	20
20,287	1,517	2,959	2,534	1,962	1,977	3,421	191	4,107	1,273	6,288	3,672	3,000	21
38,410	2,885	4,885	2,947	1,587	3,414	3,499	2,166	14,434	1,451	3,258	3,767	2,127	22
12,254	1,776	2,028	1,370	1,441	928	2,555	32	-------	772	1,447	3,293	1,876	23
9,556	365	2,101	2,626	1,107	503	2,388	-------	-------	152	1,430	113	93	24
11,285	1,158	2,038	1,932	1,451	1,536	1,648	214	-------	1,190	11,547	3,419	2,226	25
13,788	1,647	2,762	2,772	1,508	1,882	783	-------	-------	556	6,771	25,121	17,705	26
23,954	1,367	1,638	1,704	2,678	2,926	2,287	1,235	7,649	731	1,225	2,136	1,249	27
28,961	2,314	2,092	1,685	1,765	1,410	2,287	15,009	-------	161	2,549	4,345	1,741	28
16,334	617	1,387	1,015	624	904	50	592	9,857	1,562	1,386	3,082	1,470	29
7,441	725	1,327	1,218	1,456	1,355	269	1	-------	456	2,722	3,328	2,703	30
10,078	870	2,607	2,470	1,307	760	578	1	-------	425	2,968	3,334	2,056	31
14,260	785	1,631	1,455	776	1,419	542	22	6,219	517	7,208	3,757	1,402	32
10,871	1,102	2,664	2,027	957	584	597	4	4	247	4,872	1,729	1,582	33
26,883	1,915	3,548	1,846	814	1,341	5,797	311	8,192	1,236	2,009	3,012	1,219	34
9,862	785	1,725	1,962	1,174	1,579	1,013	208	-------	813	8,755	4,902	1,859	35
12,491	528	1,029	1,093	1,098	1,450	1,597	64	3,917	597	4,264	21,819	12,335	36
15,180	822	1,187	1,280	1,174	702	745	1,193	6,171	796	1,312	1,658	956	37
10,512	964	1,673	1,551	994	1,620	825	485	1,426	399	2,365	2,114	1,667	38
4,673	405	1,010	1,151	453	629	25	-------	-------	689	2,110	445	129	39
5,625	523	947	1,158	729	838	398	3	-------	566	1,831	15,695	6,438	40
15,873	1,050	1,550	1,447	1,689	1,103	1,145	1,110	5,932	1,187	1,446	2,214	912	41
351,977	26,588	42,801	40,860	33,637	30,666	25,507	27,739	79,054	14,073	48,987	112,034	63,072	42
298,332	24,549	38,296	37,998	31,830	25,747	20,972	18,832	59,489	12,757	57,246	94,558	55,583	43
287,943	23,724	34,466	33,950	35,977	24,340	13,860	17,521	69,060	9,845	48,596	82,422	48,214	44

[3] Includes amounts (for other public safety, correction, libraries, recreation, and miscellaneous and unallocable) not shown separately.

Source: Department of Commerce, Bureau of the Census; annual report, Compendium of City Government Finances in 1948.

No. 418.—Summary of City Government Finances: 1942 to 1948

[Amounts in millions of dollars. For the 397 cities having 25,000 or more inhabitants in 1940]

ITEM	1942	1943	1944	1945	1946	1947	1948	Percent change 1942 to 1948	Percent change 1947 to 1948
General revenue and borrowings, total	(1)	2,639	2,712	2,821	3,102	3,630	4,205	(1)	15.9
General borrowings [2]	(1)	48	49	106	181	324	452	(1)	39.4
General revenue, total	2,598	2,591	2,663	2,714	2,921	3,306	3,753	44.5	13.5
Taxes, total	1,938	1,946	1,971	1,971	2,064	2,307	2,622	35.3	13.7
Property	1,685	1,711	1,726	1,712	1,763	1,866	2,058	22.1	10.3
Sales and gross receipts	122	110	118	128	147	263	346	184.4	31.3
Licenses and other	131	124	127	131	155	178	218	66.5	22.7
Aid received from other governments	448	437	453	485	546	642	740	65.3	15.2
From State governments only	419	402	422	450	513	607	693	65.6	14.3
Charges and miscellaneous	213	209	238	258	311	357	392	84.3	9.8
General expenditure, total	2,677	2,614	2,620	2,685	2,950	3,494	4,052	51.4	16.0
Provision for debt retirement	293	320	320	293	271	253	289	−1.5	14.0
General expenditure less provision for debt retirement	2,383	2,294	2,300	2,392	2,678	3,241	3,764	57.9	16.1
Operation [3]	1,896	1,863	1,901	1,962	2,158	2,528	2,854	50.5	12.9
General control	158	157	163	171	185	212	229	44.6	8.0
Public safety	454	464	472	481	532	614	681	50.2	11.1
Highways	135	136	140	154	164	186	220	63.2	18.0
Sanitation	134	139	151	162	183	209	232	72.8	10.8
Health and hospitals	142	142	158	167	189	221	259	82.2	17.2
Public welfare	264	210	187	183	206	272	321	21.5	17.9
Schools	448	452	453	457	486	562	634	41.4	12.7
Capital outlay	158	93	77	91	168	318	467	196.1	47.0
Highways only	59	37	29	34	64	122	154	160.2	25.6
Aid paid to other governments	[4] 1	[4] 7	4	5	10	12	25	(5)	97.7
Interest	170	161	147	137	129	122	119	−29.7	−2.2
Contributions to trust funds and enterprises	[6] 159	170	170	197	214	261	299	(5)	14.6
Debt at end of fiscal year:									
Gross	8,155	7,820	7,497	7,326	7,161	7,252	7,521	−7.8	3.7
General	4,599	4,251	3,995	3,780	3,675	3,722	3,864	−16.0	3.8
Enterprise	3,556	3,569	3,502	3,546	3,486	3,530	3,657	2.9	3.6
Net long-term, total	6,823	6,487	6,175	5,978	5,828	5,830	6,041	−11.5	3.6
Total interest payments (general and enterprise)	293	292	277	264	254	244	241	−17.7	−1.1
Enterprise operations:									
Operating revenue	611	665	703	732	763	812	868	42.1	6.9
Operating expense (excludes depreciation)	332	364	399	417	463	540	616	85.9	14.2

[1] Not available. [2] For general-government purposes only.
[3] Includes amounts for functions not enumerated—correction, libraries, and recreation—and miscellaneous and unallocable operation expenditure.
[4] For cities with 1940 populations over 250,000. Aid paid to other governments for cities of 25,000 to 250,000 included in general expenditure for operation. [5] Not computed.
[6] For cities with 1940 populations over 100,000; not available for cities of 25,000 to 100,000.

No. 419.—Selected Items of City Enterprise Finances, by Type of Enterprise: 1948

[Amounts in thousands of dollars. For enterprises owned and operated by cities over 25,000 population]

ITEM	All city-operated enterprises	Water-supply systems	Electric light and power systems	Transit systems	Gas-supply systems	Port facilities	Airports	Other city-operated enterprises
Number of enterprises [1]	597	321	52	14	17	31	134	28
Operating revenue	867,876	368,094	184,375	238,711	25,288	24,378	11,262	15,768
Operating expense except depreciation	616,338	188,136	106,018	269,425	15,573	12,187	11,821	13,178
Non-operating revenue	39,741	4,880	2,055	5,292	231	25,326	1,802	155
Non-operating expense	116,905	51,916	7,568	42,693	401	9,783	2,429	2,115
Net contributions from city governments	112,495	6,969	357	82,084	46	7,280	11,790	3,969
Net contributions to city governments	60,388	33,511	16,336	212	5,418	2,932	357	1,622
Debt service	215,191	100,796	18,070	65,849	740	17,277	8,969	3,490
Interest	111,911	48,965	6,610	42,359	315	9,350	2,288	2,024
Provision for debt retirement	103,280	51,831	11,460	23,490	425	7,927	6,681	1,466
Gross debt at end of fiscal year	3,378,781	1,427,158	265,275	1,241,592	10,875	238,930	134,880	60,071

[1] Represents number of cities owning and operating each type of enterprise.

Source of tables 418 and 419: Department of Commerce, Bureau of the Census; annual report, Compendium of City Government Finances in 1948.

No. 420.—General and Enterprise Debt Outstanding at End of Fiscal Year, of Cities Having 25,000 or More Inhabitants: 1948

[In thousands of dollars]

Population group and city	Total			General			Enterprise		
	Gross debt	Net long-term		Gross debt	Net long-term		Gross debt	Net long-term	
		Total	Full faith and credit		Total	Full faith and credit		Total	Full faith and credit
Total	**7,521,129**	**6,040,717**	**5,516,621**	**3,863,719**	**3,135,633**	**3,051,334**	**3,657,410**	**2,905,084**	**2,465,287**
Over 1,000,000, total	**4,140,930**	**3,073,364**	**2,917,846**	**1,628,335**	**1,167,914**	**1,141,245**	**2,512,595**	**1,905,450**	**1,773,601**
New York	2,984,669	2,108,209	2,108,209	975,510	637,895	637,895	2,009,159	1,470,314	1,470,314
Chicago	222,877	149,330	89,801	164,033	95,102	78,642	57,944	54,228	11,159
Philadelphia	435,152	355,876	355,876	241,012	191,946	191,946	194,140	163,930	163,930
Detroit	289,665	263,366	241,090	193,649	197,844	193,263	90,016	65,522	47,827
Los Angeles	208,567	196,583	122,870	47,231	45,127	42,499	161,336	151,456	80,371
500,000 to 1,000,000, total	**738,600**	**627,329**	**590,294**	**398,269**	**341,779**	**341,742**	**340,331**	**285,550**	**248,552**
Cleveland	114,220	103,241	67,770	64,534	58,088	58,088	49,686	45,153	9,682
Baltimore	196,953	154,558	154,558	126,200	91,967	91,967	70,753	62,591	62,591
St. Louis	43,213	42,000	41,373	32,899	31,901	31,901	10,314	10,099	9,472
Boston	142,982	98,952	98,952	55,171	44,688	44,688	87,811	54,264	54,264
Pittsburgh	45,369	44,928	44,928	43,213	42,776	42,776	2,156	2,152	2,152
Washington, D. C.	176	176	176	176	176	176			
San Francisco	137,111	134,949	134,912	32,175	32,042	32,005	104,936	102,907	102,907
Milwaukee	2,795	956	56	1,642	56	56	1,153	900	
Buffalo	55,781	47,569	47,569	42,259	40,085	40,085	13,522	7,484	7,484
250,000 to 500,000, total	**944,399**	**816,278**	**702,642**	**639,653**	**560,236**	**550,129**	**304,746**	**256,042**	**152,513**
New Orleans	40,969	38,871	36,680	30,767	29,047	26,856	10,202	9,824	9,824
Minneapolis	64,829	61,570	61,570	57,339	54,080	54,080	7,490	7,490	7,490
Cincinnati	69,573	45,420	45,420	47,362	37,082	37,082	22,211	8,338	8,338
Newark	66,474	59,089	59,089	36,332	31,174	31,174	30,142	27,915	27,915
Kansas City, Mo.	37,416	36,636	33,414	23,025	22,410	21,784	14,391	14,226	11,630
Indianapolis	6,804	6,311	5,590	5,774	5,358	4,637	1,030	953	953
Houston	63,890	60,113	47,487	47,807	44,771	44,771	16,083	15,342	2,716
Seattle	89,692	82,090	29,782	37,253	34,504	29,782	52,439	47,586	
Rochester	31,205	26,160	26,160	26,741	22,467	22,467	4,464	3,693	3,693
Denver	34,908	34,809	34,132	14,572	14,512	14,010	20,336	20,297	20,122
Louisville	41,579	27,964	27,145	41,175	27,956	27,145	404	8	
Columbus	16,865	14,563	14,563	15,303	13,067	13,067	1,562	1,496	1,496
Portland, Oreg.	28,729	23,405	23,405	18,059	13,859	13,859	10,670	9,546	9,546
Atlanta	27,081	25,995	23,685	21,479	20,544	20,241	5,602	5,451	3,444
Oakland	19,662	19,260	19,260	15,259	15,097	15,097	4,403	4,163	4,163
Jersey City	44,329	34,339	34,339	32,143	29,100	29,100	12,686	5,739	5,739
Dallas	50,737	47,546	42,028	32,155	30,120	30,120	18,582	17,426	11,908
Memphis	25,030	21,637	21,559	18,452	15,794	15,794	6,578	5,843	5,765
St. Paul	28,606	21,120	21,120	22,201	16,634	16,634	6,405	4,486	4,486
Toledo	16,402	13,453	10,307	12,707	9,935	9,861	3,695	3,518	446
Birmingham	23,185	21,021	21,021	19,735	18,261	18,261	3,450	2,760	2,760
San Antonio	54,738	49,625	19,605	19,617	18,051	17,894	35,121	31,574	1,711
Providence	61,196	44,781	44,781	44,396	36,413	36,413	16,800	8,368	8,368
100,000 to 250,000, total	689,893	608,545	501,661	449,977	392,598	378,759	239,916	215,947	122,902
50,000 to 100,000, total	558,422	510,436	459,730	419,492	380,091	364,689	138,930	130,345	95,041
25,000 to 50,000, total	448,885	404,765	344,448	327,993	293,015	271,770	120,892	111,750	72,678

Source: Department of Commerce, Bureau of the Census; annual report, Compendium of City Government Finances in 1948.

No. 421.—Employment and Pay Rolls of City Governments: October 1949

[Includes both permanent and temporary employees. Numbers of part-time employees not reduced to full-time equivalent]

Population group and city	Number of employees				Amount of pay roll ($1,000)			
	Total	General government		Enterprises	Total	General government		Enterprises
		School[1]	Other			School[1]	Other	
All cities	1,281,000	199,000			277,200.0	57,500.0		
Over 1,000,000, total	326,000	54,000			93,600.0	17,200.0		
Chicago	29,890	(22,289)	[2]	[2]	8,575.0	(7,727.1)	[2]	[2]
Detroit	[3] 29,807	(18,667)	[3] 20,012	[3] 9,795	[3] 8,600.4	(6,202.4)	[3] 5,708.2	[3] 2,892.1
Los Angeles	28,406	(21,360)	17,721	10,685	8,907.3	(7,425.0)	5,275.0	3,632.2
New York	214,766	54,245	112,852	47,669	61,835.8	17,243.4	30,226.0	14,366.4
Philadelphia	23,029	(13,528)	21,826	1,203	5,694.0	(4,078.0)	5,393.3	300.7
500,000 to 1,000,000, total	134,000	26,000			34,800.0	8,100.0		
Baltimore	18,921	6,279	11,689	953	4,569.4	1,937.7	2,400.8	230.9
Boston	22,993	5,290	16,972	731	5,728.4	1,653.8	3,900.2	174.4
Buffalo	10,424	4,722	5,304	398	2,897.2	1,395.2	1,401.5	100.5
Cleveland	16,320	(6,415)	10,067	6,253	4,216.2	(1,709.6)	2,334.4	1,881.8
Milwaukee	11,994	4,360	7,118	516	3,448.1	1,276.9	2,022.6	148.6
Pittsburgh	[2]	(3,772)	[2]	[2]	[2]	(1,250.8)	[2]	[2]
St. Louis	11,936	(5,051)	11,104	832	2,700.5	(1,454.7)	2,497.6	202.9
San Francisco	15,825	(4,168)	10,478	5,347	4,343.9	(1,493.6)	3,032.7	1,311.2
Washington	19,471	5,141	13,727	603	5,383.7	1,817.6	3,425.3	140.8
250,000 to 500,000, total	129,000	28,000			30,500.0	8,000.0		
Atlanta	5,490	2,567	2,629	294	1,160.0	529.0	561.4	69.6
Birmingham	1,600	(2,587)	1,588	12	340.3	(598.3)	337.3	3.0
Cincinnati	8,129	(3,898) 2,312	5,126	691	1,854.7	(1,160.6) 407.2	1,272.8	174.7
Columbus	[3] 2,694	(1,981)	[3] 2,159	[3] 535	[3] 612.3	(658.0)	[3] 486.6	[3] 125.8
Dallas	4,561	(3,345)	4,024	537	990.0	(992.5)	868.4	121.7
Denver	5,738	(3,796)	4,986	752	1,237.9	(878.4)	1,077.9	160.1
Houston	4,461	(5,420)	3,963	498	957.2	(1,592.5)	847.6	109.6
Indianapolis	[3] 3,291	(3,462)	[3] 3,268	[3] 23	[3] 626.3	(1,076.6)	[3] 621.9	[3] 4.4
Jersey City	[2]	2,784	[2]	[2]	[2]	746.9	[2]	[2]
Kansas City, Mo.	4,901	(3,033)	4,429	472	928.7	(1,125.1)	830.5	98.2
Louisville	7,333	3,460	3,500	373	1,638.5	920.5	631.5	86.5
Memphis	8,105	2,208	3,562	2,275	1,594.6	489.9	601.5	503.2
Minneapolis	9,574	3,867	5,140	567	2,734.3	1,342.2	1,255.3	136.8
Newark	[2]	4,463	[2]	[2]	[2]	1,502.3	[2]	[2]
New Orleans	[3] 7,075	(3,518)	5,960	1,115	1,327.0	(845.1)	1,074.0	253.0
Oakland	3,560	(3,494)	3,130	430	950.0	(901.0)	864.5	85.5
Portland, Oreg.	3,683	(2,963)	3,042	641	892.0	(787.8)	763.4	128.6
Providence, R. I.	4,947	1,793	2,879	275	1,238.2	572.5	609.7	56.0
Rochester	6,262	2,257	3,831	174	1,678.9	775.9	867.2	35.8
St. Paul	4,147	1,766	2,096	285	1,184.1	605.5	508.8	69.8
San Antonio	3,737	(2,770)	2,284	1,453	762.9	(661.2)	437.5	325.4
Seattle	7,292	(4,130)	3,560	3,732	2,032.0	(985.5)	958.5	1,073.5
Toledo	3,188	(2,143) 681	2,172	335	826.4	(659.9) 112.1	623.2	91.1
Under 250,000, total	692,000	90,000			118,300.0	24,100.0		

[1] Totals exclude employees and pay rolls for school systems operated independently of city governments. These amounts shown in parentheses.
[2] Not available.
[3] Data are for a previous month.

Source: Department of Commerce, Bureau of the Census; annual report, City Employment in 1949.

No. 422.—Summary of County Government Finances: 1945 and 1946

[Amounts, except per capita, in thousands of dollars. See also *Historical Statistics*, series P 188-211]

ITEM	1945	1946	Percent change from 1945 to 1946	Per capita, 1946 [1]	PERCENT DISTRIBUTION, 1946	
					Totals	Selected classes
General revenue and new borrowings, total	**1,757,441**	**2,056,379**	**17.0**	**16.67**		
New borrowings	38,621	82,171	112 8	67		
General revenue, total	**1,718,820**	**1,974,208**	**14.9**	**16.01**	**100.0**	
Taxes, total	926,633	1,026,697	10.8	8 32	50.7	100 0
Property	889,474	973,573	9.5	7.89	49 4	97 5
Licenses, permits, and other	37,159	53,124	43.0	43	1 3	2 5
Aid received from other governments	582,774	683,980	17.4	5.55	35 9	
Charges and miscellaneous	209,413	263,531	25.8	2.14	13.4	100 0
Charges for current services	148,888	193,641	30.1	1.57	9.8	73.5
Other	60,525	69,890	15.5	.57	3.5	26.5
General expenditure, total	**1,696,371**	**1,967,006**	**16.0**	**15.95**	**100.0**	
Provision for debt retirement	163,394	158,783	−2 8	1.29	8.1	
General expenditure less provision for debt retirement	**1,532,977**	**1,808,223**	**18.0**	**14.66**	**91.9**	
Operation	1,365,824	1,577,889	15 5	12.79	80.2	100 0
General control	274,186	316,284	15.4	2.56	16.1	20 0
Public safety	60,434	64,054	5.9	.52	3.3	4 1
Highways	292,085	355,530	21 7	2.88	18.1	22 5
Sanitation	4,736	4,114	−13 1	.03	.2	.3
Health	22,625	25,241	11.6	.20	1.3	1 6
Hospitals	127,769	143,032	11 9	1.16	7.3	9 1
Public welfare	390,335	448,753	15 0	3.64	22.8	28 4
Public assistance	350,960	400,449	14 1	3.25	20.4	25.4
Institutional care	39,375	48,304	22.7	.39	2.5	3.1
Correction	34,513	40,364	17 0	.33	2.1	2.6
Schools	92,170	102,206	10 9	.83	5.2	6.5
Libraries	5,415	6,050	11.7	.05	.3	.4
Recreation	8,665	10,798	24.6	.09	.5	.7
Natural resources	23,756	28,653	20.6	.23	1.5	1.8
Miscellaneous and unallocable	29,085	32,810	12.8	.27	1.7	2 1
Capital outlay	65,391	117,837	80.2	.96	6.0	100.0
By object:						
New construction	39,675	74,327	87.3	.60	3.8	63.1
Purchase of land and existing structures	4,933	6,628	34.4	.05	.3	5 6
Equipment	20,783	36,882	77.5	.30	1.9	31.3
For selected functions:						
Highways	45,167	79,064	75 0	.64	4.0	67.1
Schools	5,247	6,067	15.6	.05	.3	5.1
Aid paid to other governments	31,787	47,856	50.6	.39	2.4	
Interest	60,263	52,053	−13.6	.42	2.6	
Contributions to trust funds and enterprises	9,712	12,588	29.6	.10	.6	
Debt at end of fiscal year (general and enterprise):						
Gross	1,531,181	1,463,463	−4.4	11.87	100.0	
General only	1,508,098	1,448,366	−4.0	11.74	99.0	
Long-term	1,495,839	1,425,581	−4.7	11.56	97.4	
Short-term	35,342	37,882	7.2	.31	2 6	
Sinking-fund offsets to long-term debt	137,782	148,420	7.7	1.20	10.1	
Net long-term debt at end of fiscal year	1,358,057	1,277,161	−6.0	10.36	87.3	
General long-term debt issued during fiscal year	64,172	96,967	51.1	.79	6.6	100.0
Original issues	28,986	71,927	148.1	.58	4.9	74.2
Refunding issues	35,186	25,040	−28.8	.20	1 7	25.8
General long-term debt retired during fiscal year [2]	172,562	170,505	−1.2	1.38	11 7	

[1] Based upon estimated total population, excluding armed forces overseas, on July 1, 1946, of the 3,050 counties which are classified as independent governmental units. Does not include population of Rhode Island, District of Columbia, and cities in which there is no "independent county government."

[2] Includes debt refunded.

Source: Department of Commerce, Bureau of the Census; Summary of County Government Finances in 1946 Revisions published in Governmental Revenue in 1948.

16. Banking and Finance

MONEY AND BANKING

Banking and monetary system.—Collection of banking and monetary statistics in the United States has been conditioned by the development of our banking and monetary system. Banks in this country are organized under the laws of both the States and the Federal government. "National" banks organized under Federal law, passed in 1863, are supervised by the Comptroller of the Currency, and State-chartered banks are supervised by officials of the respective States. The Federal Reserve System was established in 1914 to exercise central banking functions, some of which are shared with the United States Treasury. The Reserve System includes national banks and such State banks as voluntarily join the System. The Federal Deposit Insurance Corporation, established on January 1, 1934, insures each deposit account up to $5,000 in banks which are members of the Federal Reserve System and in such nonmember banks as join the insurance fund.

Condition of banks.—Statistics showing the condition of banks are collected by the various agencies responsible for the supervision of banks. Subdivision of the field among these agencies and the increasing adoption of practically uniform report schedules has made it possible for these agencies to compile the data with little duplication.

The Comptroller of the Currency, who has charge of the supervision of national banks, has collected condition reports since 1864 from these banks from three to six times annually and has tabulated and published summaries of these reports, showing the principal assets and liabilities, that is, total loans, United States Government securities, other securities, reserves, bankers' balances, interbank deposits, other demand deposits, and time deposits. National bank statistics are published in detail in the *Abstract of Reports of National Banks* (usually three times a year). The call report data are also published in the annual reports of the Comptroller although the detailed break-down of assets and liabilities is slightly different than in the abstracts.

After the Federal Reserve System was established in 1914, State bank members of the Federal Reserve System began to submit to the Federal Reserve banks their statements of condition at the same time and in substantially the same form as national banks. These have been consolidated by the Federal Reserve Board with data for national banks collected by the Comptroller of the Currency into totals for all member banks of the Federal Reserve System, and are published in detail by the Board of Governors of the Federal Reserve System in the *Member Bank Call Report* (usually three times a year) and in summary form in the *Federal Reserve Bulletin*. *Banking and Monetary Statistics*, which was published in 1943 by the Board of Governors of the Federal Reserve System, makes available in one volume and on a uniform basis statistics of banking, monetary, and other financial developments. The statistics generally cover the period beginning with 1914.

Since the establishment of the Federal Deposit Insurance Corporation in 1934, insured banks not members of the Federal Reserve System have been reporting their condition for the end of June and December in the same manner as member banks, and consolidation of all these reports gives totals for all insured banks, which cover all but a small part of the commercial banking in the country. Beginning with June 30, 1947, a revised all-bank series is being tabulated twice a year by the Federal Deposit Insurance Corporation, replacing the three series previously compiled by the three Federal banking supervisory agencies Data for noninsured banks are obtained largely through the cooperation of State banking officials. A monthly series, based

on the new all-bank series, is prepared and published by the Board of Governors of the Federal Reserve System.

Statistics of the Postal Savings System, which is under the management of the Post Office Department and which performs certain banking functions, are available monthly in the *Federal Reserve Bulletin* and annually in the *Report of Operations of the Postal Savings System.*

Currency.—Currency includes coin and paper money issued by the Government and by banks. It represents a relatively small part of the total media of exchange in the United States, for most of it is held in the form of bank deposits and most money payments are made by check. All currency is now issued by the Federal Reserve Banks and the Treasury.

"Currency in circulation" or "money in circulation" (official *Treasury Circulation Statement*) refers to all coin and paper money outside the Treasury and Federal Reserve banks, with the exception of gold and silver coin known to have been exported and, beginning with January 31, 1934, all gold coin. It includes all coin and paper money held by the public in the United States whether in current active use or held idle—also some currency which strictly speaking, is not a part of the money supply in the hands of the public, that is, cash in vaults of commercial and savings banks, currency lost or destroyed, and currency carried abroad by travelers and not appearing in the official gold and silver export figures. The Federal Reserve Board derives a monthly figure for "currency outside banks" by subtracting from the Treasury "circulation" figure an amount representing vault cash held by commercial and mutual savings banks, and this figure more nearly approximates true circulation. Historical data on the stock of money and money in circulation may be found in the *Annual Report of the Secretary of the Treasury.*

Government credit agencies.—Except for the Federal land banks, Federal intermediate credit banks, and a few other agencies, including the war emergency organizations, most of the credit agencies of the United States Government were created in 1932–34 to meet specific financial problems precipitated by the depression. At the present time, there are over 30 agencies, including the Reconstruction Finance Corporation, various agricultural lending institutions, insurance agencies, home mortgage and housing agencies, and certain agencies in liquidation.

There are several lending agencies which are part of, or are supervised by, the United States Department of Agriculture.

The Commodity Credit Corporation is the financial agency used in carrying out price support, supply, and related activities of the Department of Agriculture. As one means of effectuating the price support program, the corporation makes non-recourse loans to farmers, farm cooperatives and to some dealers and processors of farm commodities. Also it guarantees non-recourse loans for such purposes made by commercial banks and other institutions. Collateral for CCC loans are agricultural commodities which may be redeemed upon repayment of the loan.

The Rural Electrification Administration was established on May 11, 1935. It makes loans, with preference to nonprofit and cooperative organizations and to public bodies, to cover full cost of constructing power lines and other electric facilities to serve persons in rural areas who are without central station electric service. In 1949 the agency received authority to make loans to extend or improve rural telephone service. The Congress annually determines the amount of funds REA may lend.

The Farmers' Home Administration which was established in 1946 merged the functions of the Farm Security Administration and the Emergency Crop and Feed Loan Division of the Farm Credit Administration. The FHA is authorized to provide both long- and short-term credit for farmers who cannot get the loans they need at prevailing rates and terms in their communities from banks, cooperative lending agencies, or other responsible sources. This agency is also authorized under certain

conditions to insure long term farm mortgage loans made by private lenders. The amount of loans which FHA may make or insure is determined annually by Congress which appropriates funds for the direct loans.

The Farm Credit Administration supervises a system of lending institutions, the general purpose of which is to provide long- and short-term credit to farmers and farmers' cooperative associations on a sound credit basis through coordinated cooperative credit facilities. In contrast to other Federal credit agencies, this system does not lend Government funds; its lending operations are financed principally from the sale of securities of the land banks and intermediate credit banks in the investment market. The system includes 12 Federal land banks and 1,225 national farm loan associations which provide long-term farm mortgage credit, 12 production credit corporations which supervise 503 production credit associations making short-term loans, 13 banks for cooperatives which extend credit to farmers' cooperative associations, and 12 Federal intermediate credit banks which discount agricultural loans. Also, it includes the Federal Farm Mortgage Corporation which is servicing and liquidating the emergency farm mortgage loans made by the Land Bank Commissioner from 1933 to 1947.

Statistics on the principal items of assets and liabilities of Government credit agencies are published quarterly in the *Daily Statement of the United States Treasury*. Quarterly statements showing the assets and liabilities of Government corporations and sources and uses of funds for these agencies are published in the monthly *Treasury Bulletin*. Series of yearly, quarterly, and monthly statistics relating to operations of Government credit agencies are available also in the annual and other reports of individual agencies and the annual reports of the Secretary of the Treasury.

Private credit agencies other than banks.—In addition to commercial banks, savings banks, and Government credit agencies, there are a considerable number of other types of credit agencies in the United States. The most important of these are savings and loan associations, insurance companies, finance companies dealing primarily in installment sales financing, credit unions, and personal loan companies. Statistics of savings and loan associations are collected by the Home Loan Bank Board. Statistics on loans, investments, cash, etc., of life insurance companies are collected and published principally by the Spectator Company, which also publishes statistics on other types of insurance. Federal credit unions are under the supervision of the Bureau of Federal Credit Unions of the Federal Security Agency and statistics on them are compiled and published by that organization. These data are combined with information on credit unions other than Federal by the Bureau of Labor Statistics and published in the *Monthly Labor Review*. (See tables 476 and 477.) Consumer credit statistics are published currently in the *Federal Reserve Bulletin*.

SECURITIES MARKETS AND CORPORATIONS

New issues and retirement of securities.—Current statistical information on new issues of securities has been provided for many years by the *Journal of Commerce* (since 1906), the *Commercial and Financial Chronicle* (since 1919) (see table 491), and the Standard and Poor's Corporation (since 1924). The statistics of the *Commercial and Financial Chronicle*, the most detailed and most widely used of these series, include, in addition to domestic and foreign corporate issues and State and local government securities, the issues of independent agencies of the United States Government, and the issues of foreign governments and their subdivisions. The series is deficient in information on the uses of the proceeds of new issues, showing totals only for refunding and all other purposes.

A more comprehensive series of new issues with detailed information on the intended uses of net proceeds has been compiled by the Securities and Exchange Commission on a monthly basis beginning with January 1934. (See tables 489 and 493.) This series is published monthly in the *Statistical Bulletin* of the Securities and Exchange Commission, the *Federal Reserve Bulletin*, and the *Survey of Current Business*.

In addition, the Commission has been compiling statistics since 1933 on the volume of retirements of corporate securities and changes in security holdings of institutional groups and the public by type of issue. The Commission has been publishing data on the cost of flotation of securities registered under the Securities Act of 1933.

Individuals' saving.—The Securities and Exchange Commission releases quarterly detailed estimates of individuals' saving showing the increase in their assets less the increase in their liabilities, exclusive of gains or losses from revaluation of assets. In addition to total saving, these figures show the components contributing to it, such as changes in securities, cash, insurance, consumers' indebtedness, etc. A continuous series starting with 1940 is published quarterly in a special release and in the Commission's *Statistical Bulletin*. (See table 449.) Annual estimates prior to 1940 were published in the *National Income Supplement to the Survey of Current Business*, July 1947, and in the issue of September 1949. The Home Loan Bank Board compiles statistics on changes in selected types of individual long-term savings. (See table 448.) The Board of Governors of the Federal Reserve System releases annual data covering the distribution of liquid assets and positive, negative, and net savings of families, by income groups. These estimates are based on the Board's Survey of Consumer Finances, a nation-wide interview survey of private households. (See table 320, p. 267.)

Trading in securities.—(See tables 481, 484, 485, 487.) Monthly figures on the total value and volume of securities sold on each of the national securities exchanges have been published since October 1934 by the Securities and Exchange Commission. These figures, reported in connection with the fees paid under Section 31 of the Securities Exchange Act of 1934, include all sales effected on exchanges except, since March 1944, United States Government issues. They cover odd lots as well as round lots. The Commission also publishes figures on the total daily volume of trading in stocks on the New York Stock Exchange and the New York Curb Exchange.

Prior to 1934, the only available statistical data on the volume of trading in securities were the daily figures on the number of shares and the principal amount of bonds reported sold on the New York Stock Exchange and on most of the other securities exchanges. "Reported" volume of stock sales on the New York Stock Exchange represents sales in round lots reported on the ticker and does not include certain types of round-lot transactions such as stopped sales, private sales, split openings, cross transactions, and errors of omission which ordinarily amount to from five to ten percent of total round-lot sales on the Exchange.

Security price averages.—(See table 480.) A number of indices of security prices are published regularly. Among the most widely known are the Dow-Jones averages, which provide a continuous series of common stock prices on a daily basis since 1897. This series is now based on 65 common stocks divided into 30 industrial, 20 railroad, and 15 public utility stocks. Probably the most comprehensive and detailed are the indices of the Standard and Poor's Corporation available since 1918, which are based on the Wednesday closing price of approximately 400 stocks divided into about 70 industrial groups. Indices of the Securities and Exchange Commission cover 27 industry classifications represented by 276 common stocks. These indices are published in the Commission's *Statistical Bulletin*.

Liquid asset holdings of individuals and businesses.—The Board of Governors of the Federal Reserve System prepares annual estimates of the amount of currency, demand deposits, time deposits, shares in savings and loan associations, and U. S. Government securities held by individuals and businesses. Separate estimates are shown for financial and nonfinancial corporations, unincorporated businesses, other individuals, and trust fund holdings. The series, published in the *Federal Reserve Bulletin*, gives semi-annual figures from December 1939 to December 1946 and annual figures thereafter. (See table 450.)

INSURANCE

Insurance statistics.—There are no complete statistics of insurance for the United States as a whole. Individual States collect statistics on insurers operating within their respective jurisdictions; organizations representing certain classes of insurers, or of insurance, collect statistics for those classes; insurance publishers gather the only statistics approaching comprehensiveness. This situation arises primarily from the fact that the regulation of insurance and the collection of primary information on insurance are in the hands of the various States, Territories, and the District of Columbia. While insurance is now largely subject to Federal regulation, the Federal Government has not exercised its power nor has it taken any steps to collect comprehensive statistics of insurance on a national basis. Basic theory and practice are parallel throughout insurance, but application of theory and details of practice, including vocabulary, differ enormously by class of insurance and by class of insurer. Sound combination or comparison of figures is often difficult or impossible.

Types of insurance.—Insurance is traditionally classified as life, fire and marine, and casualty. With some overlapping between classes, an insurer is authorized to write insurance falling in one of these three classes, though there is now a tendency in the direction of permitting insurers, other than life, to write all kinds of insurance except life. *Life insurance* and *marine insurance* are each fairly homogeneous, the one having to do with life contingencies, and the other with losses connected with transportation. *Fire insurance*, as such, offers protection against loss by fire, but insurers in that business write several allied classes of insurance, principally against loss by windstorm, by damage to motor vehicles, by damage to aircraft, by sprinkler leakage, by earthquake, and by riot. *Casualty insurance* is a miscellaneous class, the principal subclasses of which are liability insurance (protecting against loss due to claims for damages) and workmen's compensation insurance (protecting an employer against loss due to his obligations under a workmen's compensation law). (See section 10, Social Security.) Casualty insurers also write several unrelated kinds of insurance, including fidelity and surety bonds.

Types of insurer.—The principal classes of insurer are stock companies and mutual companies or associations. Of less importance are fraternal insurers, reciprocal exchanges, Lloyds, State funds, and savings banks. *Stock companies* are corporations owned and controlled by stockholders, usually for the purpose of making profits. *Mutuals* are owned and controlled by insured members for the purpose of meeting their insurance needs at cost. *Fraternal insurers* emphasize social purposes as well as insurance; *reciprocal exchanges* are organizations of individual insureds operating through an attorney-in-fact; *Lloyds* are groups of individuals writing insurance in syndicates; *State funds* are insurers operated by individual States and are almost entirely devoted to writing workmen's compensation insurance either as exclusive insurers or in competition with private insurers; *savings banks* write life insurance in three States.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series N 172–178") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 423.—Consolidated Condition Statement for Banks and the Monetary System: 1929 to 1949

[**In millions of dollars.** Figures partly estimated. Comprises all commercial and savings banks, Federal Reserve Banks, Postal Savings System, and Treasury currency funds. Treasury funds included are the gold account, Treasury currency account, and Exchange Stabilization Fund]

ITEM	1929 (June 29)	1933 (June 30)	1939 (Dec. 31)	1941 (Dec. 31)	1945 (Dec. 31)	1948 (Dec. 31)	1949 (Dec. 28) [1]
Total assets or liabilities, net	**64,698**	**48,465**	**75,171**	**90,637**	**191,785**	**189,290**	**192,000**
ASSETS							
Gold	4,037	4,031	17,644	22,737	20,065	24,244	24,400
Treasury currency	2,019	2,286	2,963	3,247	4,339	4,580	4,600
Bank credit, total	58,642	42,148	54,564	64,653	167,381	160,457	163,000
Loans, net	41,082	21,957	22,157	26,605	30,387	48,341	49,700
U. S. Government obligations, total	5,741	10,328	23,105	29,049	128,417	100,694	100,600
Commercial and savings banks	5,499	8,199	19,417	25,511	101,288	74,097	78,700
Federal Reserve Banks	216	1,998	2,484	2,254	24,262	23,333	18,800
Other	26	131	1,204	1,284	2,867	3,264	3,100
Other securities	11,819	9,863	9,302	8,990	8,577	11,422	12,700
LIABILITIES							
Capital and miscellaneous accounts, net	8,922	6,436	6,812	7,826	10,979	13,168	14,500
Deposits and currency, total	55,776	42,029	68,359	82,811	180,806	176,121	177,500
Foreign bank deposits, net	365	50	1,217	1,498	2,141	2,103	2,100
U. S. Government balances:							
Treasury cash	204	264	2,409	2,215	2,287	1,325	1,300
At commercial and savings banks	381	852	846	1,895	24,608	2,451	3,000
At Federal Reserve Banks	36	35	634	867	977	1,123	1,000
Deposits adjusted and currency outside banks	54,790	40,828	63,253	76,336	150,793	169,119	170,100
Demand deposits adjusted [2]	22,540	14,411	29,793	38,992	75,851	85,520	86,700
Time deposits adjusted [3]	28,611	21,656	27,059	27,729	48,452	57,520	58,400
Commercial banks	19,557	10,849	15,258	15,884	30,135	35,804	35,900
Mutual savings banks [4]	8,905	9,621	10,523	10,532	15,385	18,387	19,300
Postal Savings System	149	1,186	1,278	1,313	2,932	3,329	3,200
Currency outside banks	3,639	4,761	6,401	9,615	26,490	26,079	25,000

[1] Preliminary.
[2] Demand deposits, other than interbank and U. S. Government, less cash items reported as in process of collection.
[3] Excludes interbank time deposits; United States Treasurer's time deposits, open account; and deposits of Postal Savings System in banks.
[4] Prior to June 30, 1947, includes a relatively small amount of demand deposits

Source: Board of Governors of the Federal Reserve System. Figures published currently in Federal Reserve Bulletin.

No. 424.—Deposits and Currency—Adjusted Deposits of All Banks and Currency Outside Banks: 1892 to 1949

[**In millions of dollars.** Figures partly estimated. See also *Historical Statistics*, series N 172-178]

YEAR ENDING JUNE 30—	Total deposits (adj.) and currency	Currency outside banks	DEPOSITS				Total demand deposit (adj.) and currency
			Total	Demand (adj.) [1]	U. S. Govt. [2]	Time [3]	
1892	5,838	1,015	4,823	2,880	14	1,929	3,895
1900	8,865	1,331	7,534	4,420	99	3,015	5,751
1910	16,977	1,725	15,252	8,254	54	6,944	9,979
1915	20,682	1,575	19,107	9,828	48	9,231	11,403
1920	39,859	4,105	35,754	19,616	304	15,834	23,721
1925	48,323	3,573	44,750	21,376	180	23,194	24,949
1930	54,389	3,369	51,020	21,706	322	28,992	25,075
1935	49,881	4,783	45,098	20,433	811	23,854	25,216
1940	66,952	6,699	60,253	31,962	828	27,463	38,661
1943	110,161	15,814	94,347	56,039	8,048	30,260	71,853
1944	136,172	20,881	115,291	60,065	19,506	35,720	80,946
1945	162,784	25,097	137,687	69,053	24,381	44,253	94,150
1946	171,237	26,516	144,721	79,476	13,416	51,829	105,992
1947	165,507	26,299	139,208	82,186	1,367	55,655	108,485
1948	167,875	25,638	142,237	82,697	2,180	57,360	108,335
1949	167,930	25,266	142,664	81,877	2,304	58,483	107,143

[1] Demand deposits other than interbank and U. S. Govt., less cash items reported as in process of collection
[2] Beginning with December 1938, includes U. S. Treasurer's *time* deposits, open account.
[3] Includes amounts held by commercial banks, mutual savings banks and Postal Savings System. Excludes interbank time deposits; U. S. Treasurer's *time* deposits, open account; and deposits of Postal Savings System in banks. Prior to June 30, 1947, includes a relatively small amount of demand deposits at mutual savings banks.

Source: Board of Governors of the Federal Reserve System; Banking and Monetary Statistics, and Federal Reserve Bulletin. Figures published currently in Federal Reserve Bulletin.

FIGURE P.—DEPOSITS AND CURRENCY OF ALL BANKS: 1930 TO 1949

[Years ending June 30. See table 424]

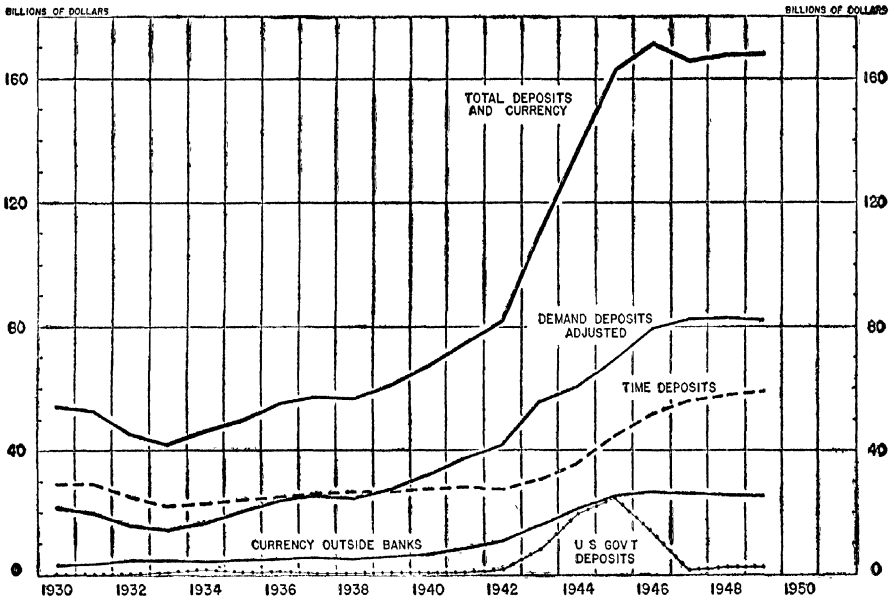
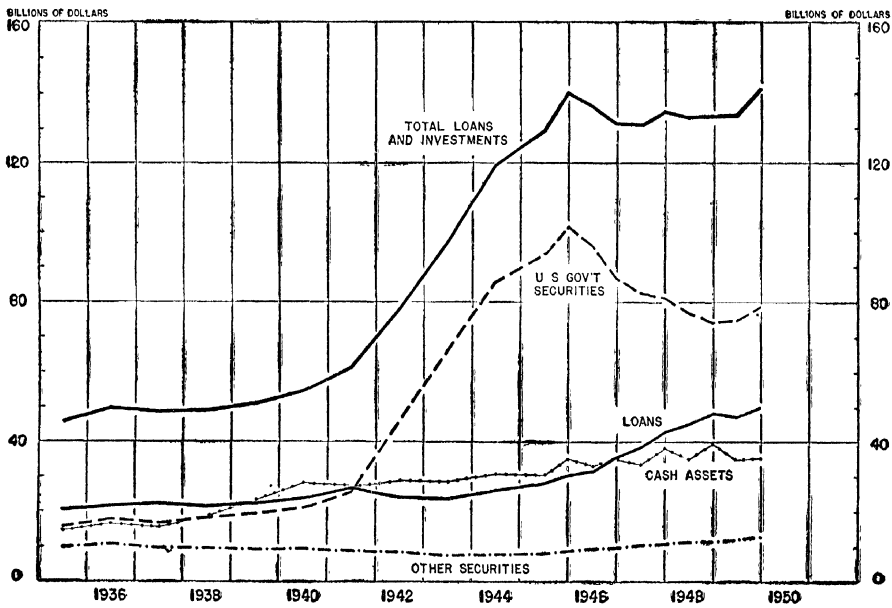


FIGURE Q.—PRINCIPAL ASSETS OF ALL BANKS: 1935 TO 1949

[As of end of December 1935 to 1944; end of June and December thereafter. See table 435]



Source of figures P and Q: Board of Governors of the Federal Reserve System.

No. 425.—Money Stock and Money in Circulation: 1800 to 1949

[**All figures except per capita in thousands of dollars.** In conformity with revisions in form of circulation statement in 1922 and 1927, figures beginning 1915 have been compiled to include in holdings of Federal Reserve Banks and agents, and, hence, in stock of money, gold bullion and foreign gold coin held by Federal Reserve Banks and agents. Figures were also revised to include in holdings of Federal Reserve Banks and agents, and, hence, exclude from circulation, all forms of money held by them whether as reserve against Federal Reserve notes or otherwise. Per capita figures for 1800–40 based on Bureau of Census population figures for continental U. S. on census dates. Per capita figures for 1860–1949 revised in accordance with Bureau of Census estimated population for continental U. S. as of July 1 and Dec. 31. See also *Historical Statistics*, series N 148–151]

JUNE 30—	Stock of money in United States [1]	MONEY HELD IN TREASURY					MONEY OUTSIDE TREASURY [1]		
		Total	In trust against gold and silver certificates [2]	Gold reserve against United States notes [2]	Held for Federal Reserve Banks and agents [3]	All other money	Held by Federal Reserve Banks and agents	In circulation	
								Amount	Per capita (dollars)
1800	28,000	1,500	----------	----------	----------	1,500	----------	26,500	4.99
1820	69,100	2,000	----------	----------	----------	2,000	----------	67,100	6.96
1840	189,969	3,664	----------	----------	----------	3,664	----------	186,305	10.91
1860	442,102	6,695	----------	----------	----------	6,695	----------	[4] 435,407	13.82
1870	899,876	156,994	32,085	----------	----------	124,910	----------	774,966	19.42
1880	1,185,550	225,922	13,753	100,000	----------	112,168	----------	973,382	19.37
1890	1,685,123	684,259	428,387	100,000	----------	155,872	----------	1,429,251	22.67
1895	1,819,360	701,339	483,947	100,000	----------	117,391	----------	1,601,968	23.02
1900	2,366,220	969,492	684,503	150,000	----------	134,990	----------	2,081,231	27.35
1905	2,919,494	1,245,501	949,347	150,000	----------	146,153	----------	2,623,340	31.30
1910	3,466,856	1,603,186	1,285,014	150,000	----------	168,172	----------	3,148,684	34.07
1915	4,050,783	1,967,665	1,619,429	152,977	----------	195,259	382,965	3,319,582	33.01
1920	8,158,496	2,379,664	704,638	152,979	1,184,276	337,771	1,015,881	5,467,589	51.36
1925	8,299,382	4,176,381	2,059,799	153,621	1,752,744	210,217	1,367,591	4,815,208	41.57
1930	8,306,564	4,021,937	1,978,448	156,039	1,796,239	91,211	1,741,087	4,521,988	36.74
1935	15,113,035	9,997,362	7,131,431	156,039	*5,532,590*	2,709,891	1,147,422	5,567,093	43.75
1940	28,457,960	21,836,936	19,651,067	156,039	*14,958,895*	2,029,829	3,485,695	7,847,501	59.46
1941	32,774,611	24,575,186	22,300,087	156,039	*17,506,167*	2,119,059	3,380,914	9,612,432	72.16
1942	35,840,908	24,783,526	22,596,352	156,039	*17,750,403*	2,031,135	3,520,465	12,382,866	91.95
1943	40,868,266	24,466,764	22,199,035	156,039	*17,408,945*	2,111,690	3,770,331	17,421,260	127.63
1944	44,805,301	23,173,693	20,878,641	156,039	*16,194,111*	2,139,012	3,811,797	22,504,342	162.98
1945	48,009,400	22,202,115	19,923,738	156,039	*15,239,072*	2,122,338	3,745,512	26,746,438	191.61
1946	49,648,011	22,649,365	20,397,885	156,039	*15,287,592*	2,095,441	3,863,941	28,244,997	199.99
1947	50,599,352	23,633,353	22,318,880	156,039	*17,225,658*	1,158,433	3,763,994	28,297,227	196.46
1948	52,601,129	25,890,134	24,563,132	156,039	*19,442,373*	1,170,962	3,928,896	27,902,859	190.37
1949	53,103,980	26,861,355	25,554,811	156,039	*20,429,710*	1,150,505	3,874,816	27,492,910	184.25
Dec. 31:									
1948	53,959,968	26,614,982	25,289,989	156,039	*20,150,637*	1,168,953	4,260,552	28,223,786	190.64
1949	53,383,773	26,833,154	25,521,627	156,039	*20,360,780*	1,155,487	[4] 4,111,472	27,599,995	183.25

[1] Gold and silver certificates and Treasury notes of 1890 excluded before combining money outside Treasury with money in Treasury in order to avoid duplication, since gold and silver held in Treasury as security against these currencies are included. See also notes 1 and 2, table 426.

[2] Both items include also reserve against Treasury notes of 1890.

[3] 1934 to date, gold certificates. Amount excluded from total since gold held as security against gold certificates is included in column "In trust against gold and silver certificates."

[4] Includes total stock of silver dollars and subsidiary silver.

Source: Treasury Department; Annual Report of the Secretary; Circulation Statement of United States Money, published monthly.

No. 426.—Money Stock and Money in Circulation, by Kind, June 30: 1930 to 1949

[**In thousands of dollars.** See also *Historical Statistics*, series N 148, 151–165]

KIND	1930	1935	1940	1945	1947	1948	1949
Money stock, total [1]	**8,306,564**	**15,113,035**	**28,457,960**	**48,009,400**	**50,599,352**	**52,601,129**	**53,103,980**
Gold coin and bullion [2]	4,534,866	9,115,643	19,963,091	20,212,973	21,266,490	23,532,460	24,466,324
Silver bullion	----------	313,309	1,353,162	1,520,295	1,923,913	1,955,072	1,988,559
Silver dollars	539,960	545,642	547,078	493,943	493,462	493,100	492,857
Subsidiary silver	310,978	312,416	402,261	825,798	922,656	952,299	989,456
United States notes	346,681	346,681	346,681	346,681	346,681	346,681	346,681
Minor coin	126,001	133,040	173,909	303,539	348,889	359,506	371,956
Federal Reserve notes	1,746,501	3,492,854	5,481,778	23,650,975	24,780,495	24,503,331	24,040,979
Federal Reserve Bank notes	3,260	84,354	22,809	533,979	409,443	358,321	313,333
National bank notes	698,317	769,096	167,190	121,215	107,323	100,358	93,835
Percentage of gold to total money	54.59	60.32	70.15	42.10	42.03	44.74	46.07

For footnotes, see p. 384.

No. 426.—Money Stock and Money in Circulation, by Kind, June 30: 1930 to 1949—Continued

[In thousands of dollars]

KIND	1930	1935	1940	1945	1947	1948	1949
Money in circulation, total	**4,521,988**	**5,567,093**	**7,847,501**	**26,746,438**	**28,297,227**	**27,902,859**	**27,492,910**
Gold coin [3]	357,236						
Gold certificates	994,841	117,167	66,793	52,084	47,794	45,158	42,665
Silver dollars	38,629	32,308	46,020	125,178	148,452	156,340	163,894
Silver certificates	386,915	701,474	1,581,662	1,650,689	2,060,728	2,060,869	2,060,852
Treasury notes of 1890	1,260	1,182	1,163	1,150	1,147	1,146	1,145
Subsidiary silver	281,231	295,773	384,187	788,283	875,971	918,691	939,568
Minor coin	117,436	125,125	168,977	291,996	331,039	346,112	355,316
United States notes	288,389	285,417	247,887	322,587	320,403	321,485	318,688
Federal Reserve notes	1,402,066	3,222,913	5,163,284	22,867,459	23,999,004	23,600,323	23,209,437
Federal Reserve Bank notes	3,206	81,470	22,373	527,001	406,260	353,499	308,821
National bank notes	650,779	704,263	165,155	120,012	106,429	99,235	92,524

[1] Totals involve duplication to extent that United States notes and Federal Reserve notes, included in full, are in part secured by gold, also included in full. Gold certificates, silver certificates, and Treasury notes of 1890 excluded, since they are complete duplications of equal amounts of gold or silver held as security therefor and included in totals.

[2] By proclamation of the president dated Jan. 31, 1934, weight of gold dollar reduced from 25 8 to 15 5/21 grains of gold, 0.9 fine. Hence, value of gold based on $35 per fine ounce beginning June 1934; theretofore, based on $20.67 per fine ounce.

[3] Gold Reserve Act of 1934, which was culmination of gold actions of 1933, vested in United States, title to all gold coin and gold bullion. Gold coin was withdrawn from circulation and formed into bars. Gold coin ($287,000,000) shown on Treasury records as being then outstanding was dropped from monthly circulation statement as of Jan. 31, 1934.

Source: Treasury Department; Annual Report of the Secretary, Circulation Statement of United States Money published monthly.

No. 427.—Bank Debits and Deposit Turnover: 1919 to 1949

All figures in millions of dollars. Figures represent debits or charges on books of reporting member and nonmember banks of Federal Reserve System to deposit accounts of individuals, firms, and corporations, and of United States, State, county, and municipal governments, including debits to savings accounts, payments from trust accounts, and certificates of deposit paid. Excludes debits to accounts of other banks or in settlement of clearinghouse balances, payment of cashier's checks, charges to expense and miscellaneous accounts, corrections, and similar charges. See also *Historical Statistics*, series N 76–79]

YEAR	DEBITS TO TOTAL DEPOSIT ACCOUNTS [1]				ANNUAL RATE OF TURNOVER OF TOTAL DEPOSITS [1]		DEBITS TO DEMAND DEPOSIT ACCOUNTS [2]		ANNUAL RATE OF TURNOVER OF DEMAND DEPOSITS [2]	
	Total, all reporting centers	New York City [3]	140 other centers [3]	Other reporting centers [4]	New York City	Other reporting centers	New York City [5]	Other leading cities [5]	New York City [5]	Other leading cities [5]
1919	460,249	244,119	211,175	4,955						
1920	490,468	241,431	241,595	7,442						
1925	605,843	313,373	256,689	35,781						
1930	702,959	384,639	277,317	41,003						
1935	402,718	184,006	190,167	28,545			178,498	175,902	31.5	22.7
1940	445,863	171,582	236,952	37,329			167,373	217,744	17.1	18.6
1941	537,343	197,724	293,925	45,694			193,729	270,439	17.3	19 4
1942 (old series)	607,071	210,961	342,430	53,679			200,337	308,913	18 0	18.4
1942 (new series) [6]	641,778	226,865	347,837	67,074	16.1	13.1				
1943	792,937	296,368	419,413	77,155	16.5	11.7	258,398	369,396	20.5	17.4
1944	891,910	345,585	462,354	83,970	17.1	10.8	298,902	403,400	22.4	17.3
1945	974,102	404,543	479,760	89,799	18.2	9.7	351,602	412,800	24.2	16.1
1946 (old series)	1,050,021	417,475	527,336	105,210	18.9	10.0	374,365	449,414	25 5	16.9
1946 (new series) [7]							407,946	522,944	25.2	16 5
1947	1,125,074	405,929	599,639	119,506	21.0	11.9	400,468	598,445	24.1	18.0
1948	1,249,630	449,002	667,934	132,695	23.6	12.9	445,221	660,155	27.2	19.2
1949	1,230,982	452,897	648,905	129,179	24.1	12.4	447,150	639,772	28.2	18.7

[1] Except interbank.

[2] Except interbank and Government.

[3] National series for which bank debits figures available beginning with 1919.

[4] Annual figures for 1930 and 1935 include from 121 to 131 centers and for 1940 and 1942 (old series) include 133 centers. Figures for 1942 (new series) to November 1947 include 193 centers, and thereafter 192 centers, one city having been dropped when the reporting bank was absorbed by a reporting bank in another city.

[5] Weekly reporting member bank series.

[6] Partly estimated for first 4 months.

[7] Estimated for first 6 months.

Source: Board of Governors of the Federal Reserve System, annual and current reports on bank debits and Federal Reserve Bulletin.

No. 428.—Bank Clearings at Principal Cities: 1920 to 1949

[In millions of dollars. Comparability of figures for different years is affected by tendency toward consolidation of banks, eliminating former clearings between 2 or more banks. Debits to individual account (table 427) are a better measure of volume of payment. Cities listed in order of importance according to clearings in 1949. See also *Historical Statistics*, series N 86-89]

YEAR	Total, 143 cities	New York City	142 cities outside New York City	YEAR	Total, 143 cities	New York City	142 cities outside New York City
1920	438, 847	243, 135	195, 712	1935	300, 402	181, 551	118, 851
1921	349, 005	194, 331	154, 674	1936	330, 993	193, 549	137, 444
1922	384, 195	217, 900	166, 295	1937	335, 899	186, 740	149, 159
1923	403, 650	213, 996	189, 654	1938	295, 644	165, 156	130, 488
1924	444, 919	249, 868	195, 051	1939	307, 311	165, 914	141, 397
1925	499, 515	283, 619	215, 896	1940	315, 228	160, 878	154, 350
1926	511, 689	290, 355	221, 334	1941	378, 244	183, 263	194, 981
1927	543, 614	321, 234	222, 380	1942	419, 971	192, 939	227, 032
1928	622, 538	391, 727	230, 811	1943	514, 051	248, 560	265, 491
1929	714, 889	477, 242	237, 647	1944	569, 877	286, 349	283, 528
1930	543, 854	347, 110	196, 744	1945	631, 635	334, 433	297, 202
1931	411, 161	263, 270	147, 891	1946	709, 961	366, 065	343, 896
1932	258, 145	160, 138	98, 007	1947	751, 796	361, 238	390, 558
1933	243, 556	157, 414	86, 142	1948	803, 597	371, 554	432, 043
1934	263, 816	161, 507	102, 309	1949	770, 294	358, 842	411, 452

CITY	1920	1925	1930	1935	1940	1945	1946	1947	1948	1949
Total, 38 cities	**424, 173**	**481, 922**	**528, 962**	**291, 351**	**304, 211**	**611, 908**	**685, 626**	**722, 557**	**770, 995**	**738, 125**
New York	243, 135	283, 619	347, 110	181, 551	160, 878	334, 433	366, 065	361, 238	371, 554	358, 842
Philadelphia	25, 095	29, 079	26, 360	16, 909	21, 455	34, 710	40, 138	43, 381	47, 591	45, 243
Chicago	32, 669	35, 392	28, 708	13, 195	16, 685	27, 280	31, 914	36, 541	38, 886	35, 807
Los Angeles	3, 994	7, 945	8, 807	5, 852	7, 544	17, 144	21, 432	22, 782	24, 714	23, 178
Boston	18, 817	22, 482	23, 080	10, 646	11, 944	19, 590	21, 540	23, 099	23, 735	22, 953
San Francisco	8, 122	9, 479	9, 559	6, 469	7, 774	15, 743	18, 254	19, 547	20, 794	19, 513
Detroit	6, 104	8, 431	8, 440	4, 523	6, 312	16, 473	15, 108	17, 745	20, 069	19, 485
Cleveland	6, 907	5, 997	6, 638	3, 417	5, 734	11, 529	12, 659	14, 906	16, 834	15, 177
Kansas City, Mo	11, 615	7, 036	6, 302	4, 348	4, 998	10, 856	12, 960	15, 421	17, 103	15, 147
Pittsburgh	8, 983	8, 857	9, 247	5, 246	7, 075	12, 979	12, 822	13, 711	15, 656	14, 755
St. Louis	8, 294	7, 627	6, 146	3, 941	4, 822	9, 724	11, 261	12, 952	14, 499	13, 605
Minneapolis	4, 012	4, 463	4, 016	3, 045	3, 787	8, 196	10, 364	12, 468	14, 073	12, 697
Dallas	1, 869	2, 557	2, 122	1, 969	2, 987	6, 635	8, 689	10, 623	12, 569	12, 259
Atlanta	3, 257	3, 604	2, 258	2, 205	3, 431	8, 264	9, 804	10, 804	11, 886	11, 603
Baltimore	4, 896	5, 832	4, 820	2, 911	4, 202	8, 315	9, 216	10, 070	11, 058	10, 797
Houston	1, 504	1, 766	1, 676	1, 420	2, 569	5, 982	7, 205	8, 850	10, 764	10, 488
Cincinnati	3, 597	3, 710	3, 203	2, 466	3, 245	6, 305	7, 161	8, 329	9, 172	8, 517
Portland, Oreg	1, 907	2, 015	1, 770	1, 279	1, 890	3, 830	4, 412	5, 838	7, 844	7, 214
Richmond	3, 046	2, 839	2, 287	1, 697	2, 237	4, 518	5, 437	5, 977	6, 537	6, 439
New Orleans	3, 315	3, 170	2, 315	1, 434	2, 150	4, 665	5, 563	5, 736	6, 224	6, 330
Louisville	1, 290	1, 744	1, 850	1, 395	1, 933	4, 028	4, 704	5, 519	6, 188	6, 098
Omaha	3, 094	2, 188	2, 183	1, 503	1, 614	3, 968	4, 782	5, 870	6, 284	5, 911
Seattle	2, 073	2, 205	1, 998	1, 460	2, 113	4, 763	4, 671	5, 278	6, 132	5, 795
Denver	1, 981	1, 668	1, 694	1, 264	1, 627	3, 299	4, 236	4, 907	5, 447	5, 175
Memphis	1, 191	1, 233	954	828	1, 256	2, 620	3, 655	4, 520	4, 779	4, 929
Birmingham	991	1, 372	1, 010	816	1, 230	3, 125	3, 852	4, 352	4, 790	4, 842
St. Paul	1, 870	1, 631	1, 200	1, 171	1, 459	2, 628	3, 291	3, 999	4, 579	4, 541
Jacksonville	626	1, 446	675	625	1, 106	2, 801	3, 568	3, 855	4, 216	4, 247
Buffalo	2, 293	2, 782	2, 604	1, 473	1, 833	3, 312	3, 445	4, 092	4, 332	4, 059
Washington, D. C	897	1, 353	1, 318	935	1, 414	2, 499	3, 140	3, 427	3, 661	3, 890
Nashville	1, 180	1, 122	1, 079	697	1, 056	2, 140	2, 651	3, 197	3, 571	3, 518
Milwaukee	1, 736	2, 062	1, 487	829	1, 142	1, 945	2, 361	2, 713	3, 100	3, 087
Salt Lake City	892	898	918	648	843	1, 562	2, 000	2, 451	2, 898	2, 804
Indianapolis	942	904	1, 092	724	1, 063	1, 679	2, 085	2, 457	2, 747	2, 738
Newark	(1)	1, 129	1, 791	915	995	1, 550	1, 806	2, 045	2, 257	2, 133
Columbus, Ohio	751	803	793	526	577	967	1, 149	1, 366	1, 789	1, 707
Hartford	531	763	768	558	629	870	1, 058	1, 215	1, 293	1, 314
Providence	697	718	684	460	603	982	1, 166	1, 273	1, 372	1, 289

[1] No data available.

Source: Commercial and Financial Chronicle, New York, N. Y., except for data for Los Angeles, which were furnished by Los Angeles Clearing House Association.

No. 429.—Analysis of Changes in Gold Stock: 1915 to 1949

[**In millions of dollars.** Gold valued at $20.67 per fine ounce through January 1934; at $35 thereafter. See also *Historical Statistics*, series N 166–171]

YEAR	GOLD STOCK (end of period)		Increase in total gold stock	Domestic gold production [2]	Net gold import (+) or export (−)	Earmarked gold: Decrease (+) or increase (−)	Gold under earmark (end of period) [3]
	Total [1]	Treasury					
1915	2,025	2,025	499.1	99.7	+420.5	----	----
1920	2,639	2,639	−68.4	49.1	+95.0	[4] −145.0	22.0
1925	4,112	4,112	−100.1	48.0	−134.4	+32.2	13.0
1930	4,306	4,306	309.6	43.4	+280.1	−2.4	137.7
1935	10,126	10,125	1,868.0	110.7	+1,739.0	+.2	8.8
1940	22,042	21,995	4,242.5	170.2	+4,744.5	−644.7	1,807.7
1945	20,083	20,065	−547.8	32.0	−106.3	−356.7	4,293.8
1946	20,706	20,529	623.1	51.2	+311.5	+465.4	3,828.4
1947	22,868	22,754	[5] 2,162.1	75.8	+1,866.3	+210.0	3,618.4
1948	24,399	24,244	1,530.4	70.9	+1,680.4	−159.2	3,777.7
1949	24,563	24,427	164.6	69.9	+686.4	−495.7	4,273.3

[1] Includes gold in exchange stabilization fund beginning 1935; gold in active portion of this fund not included in Treasury gold stock.
[2] Estimate of the United States mint through 1948; figure for 1949 is estimate of American Bureau of Metal Statistics.
[3] Held at Federal Reserve Banks for foreign and international accounts.
[4] Adjusted for changes in gold held under earmark abroad by the Federal Reserve banks.
[5] Includes transfer of 687.5 million dollars gold subscription to International Monetary Fund.

Source Board of Governors of the Federal Reserve System; Banking and Monetary Statistics and Federal Reserve Bulletin.

No. 430.—Coinage of Gold, Silver, and Minor Coin: 1840 to 1949

[**In thousands of dollars.** Coinage figures represent face amount of coin. See also *Historical Statistics*, series N 179–182]

YEAR	Total	Gold coin [1]	Silver coin	Minor coin	YEAR	Total	Gold coin [1]	Silver coin	Minor coin
1840	3,427	1,675	1,727	25	1920	50,214	16,990	25,057	8,167
1850	33,892	31,982	1,866	44	1925	216,457	192,380	19,874	4,203
1860	25,939	23,474	2,259	206	1930	8,731	2,440	2,658	3,632
1870	24,927	23,199	1,378	350	1935	38,581	----	31,237	7,344
1880	90,111	62,308	27,412	391	1940	50,158	----	29,360	20,798
1890	61,055	20,467	39,203	1,385	1944	120,923	----	90,781	30,142
1900	137,649	99,273	36,345	2,031	1945	101,132	----	75,871	25,261
1905	58,269	49,638	6,332	2,299	1946	87,047	----	60,995	26,053
1910	111,505	104,724	3,744	3,037	1947	48,044	----	35,323	12,720
1915	30,145	23,968	4,114	2,063	1948	49,848	----	36,860	12,989
					1949	28,346	----	18,651	9,695

[1] Coinage of domestic gold coin discontinued in 1933.

No. 431.—Silver—Prices, Bullion Value, and Ratio to Gold: 1840 to 1948

[London price converted to basis of ounce 1.000 fine and converted to American money at par of exchange through 1930, from 1931 through 1944, at current rate of exchange; beginning 1945, (London price) reported on basis of ounce 0.999 fine and converted to American money at current rate of exchange. Commercial ratio computed on basis of London quotations through 1914; thereafter, on basis of New York average price. Beginning 1934, monetary value of gold is $35.00 per fine ounce, as against $20.67+ in previous years. Value of fine silver (371¼ grains) in dollar computed on basis of London quotations through 1917; thereafter, on basis of New York average price. See also *Historical Statistics*, series N 183–184, for data on commercial ratio to gold and value of silver in dollar]

[**All figures, except "Commercial ratio to gold," expressed in dollars**]

CALENDAR YEAR	London, per fine ounce	NEW YORK, PER FINE OUNCE			Commercial ratio to gold	Bullion value of silver dollar	CALENDAR YEAR	London, per fine ounce	NEW YORK, PER FINE OUNCE			Commercial ratio to gold	Bullion value of silver dollar
		Average	High	Low					Average	High	Low		
1840	1.323	----	----	----	15.62	1.023	1918	1.042	.984	1.019	.889	21.00	0.761
1850	1.316	----	----	----	15.70	1.018	1920	1.346	1.019	1.379	.604	20.28	.788
1860	1.352	----	----	----	15.29	1.045	1925	.703	.694	.732	.668	29.78	.537
1870	1.328	----	----	----	15.57	1.027	1930	.387	.385	.472	.311	53.74	.298
1880	1.145	1.139	1.150	1.113	18.05	.886	1935	.639	.646	.813	.501	54.19	.500
1890	1.046	1.053	1.205	.958	19.75	.809	1940	.384	.351	.359	.351	99.76	.271
1900	.620	.621	.658	.598	33.33	.480	1944	.427	.451	.451	.451	77.67	.349
1905	.610	.610	.665	.556	33.87	.472	1945	.513	.519	.708	.448	67.40	.402
1910	.541	.542	.576	.508	38.22	.418	1946	.818	.802	.901	.708	43.67	.620
1915	.519	.511	.580	.478	40.48	.401	1947	.742	.718	.863	.598	48.73	.555
1917	.895	.840	1.165	.731	24.61	.692	1948	.756	.744	.775	.700	47.07	.575

Source of tables 430 and 431: Treasury Dept., Bureau of the Mint; Annual Report of the Director.

No. 432.—All Active Banks—Principal Assets and Liabilities, by Class of Banks: 1834 to 1948

[Includes banks in Alaska, Hawaii, Puerto Rico, Philippine Islands (through 1941), and beginning with 1935, those in Virgin Islands and with 1938, those in Canal Zone, Guam (except 1942–44), and American Samoa. Data for banks other than national for earlier years are not as of June 30 and are incomplete, especially through 1885. Figures for mutual savings banks include some stock savings banks for years prior to 1910 and also a few in several more recent years. Private banks are not included prior to 1890; statistics for private banks, except for 1935, cover only banks under State supervision and those voluntarily reporting; for 1935 they include also private banks which submitted reports to the Comptroller of the Currency under provisions of the Banking Act of 1933. See also *Historical Statistics*, series N 19–34, and N 43–48]

[Money figures in millions of dollars]

ON OR ABOUT JUNE 30—	Number of banks	Total assets or liabilities [1]	SELECTED ASSETS			SELECTED LIABILITIES			
			Loans and discounts including overdrafts [2]	U. S. Govt. and other securities [3]	Cash and balances with other banks [1 4]	Capital stock [5]	Surplus, undivided profits, and reserve [6]	Circulation [7]	Total deposits [1]
All banks:									
1834	506	418.9	324.1	6.1	76.1	200.0	----	94.8	102.3
1840	901	657.8	462.9	42.4	98.7	[8] 358.4	----	107.0	119.9
1860	1,562	999.9	691.9	70.3	195.7	[8] 421.9	----	207.1	309.7
1880	3,355	3,398.9	1,662.3	904.2	666.6	565.2	260.3	318.4	2,222.1
1900	10,382	10,785.8	5,657.7	2,498.4	2,256.0	1,024.7	882.2	265.3	8,513.0
1910	23,095	22,450.3	12,521.8	4,687.8	4,437.3	1,879.9	1,955.6	675.6	17,584.2
1915	27,062	27,804.1	15,758.7	5,840.1	5,068.5	2,162.8	2,372.7	722.7	22,031.7
1920	30,139	52,828.2	30,650.1	11,252.0	8,367.4	2,702.6	3,251.3	688.2	41,725.2
1925	28,841	61,898.1	33,598.5	15,374.9	9,906.8	3,169.7	4,180.8	648.5	51,995.1
1930	24,079	73,462.4	40,510.1	17,944.7	11,178.0	3,889.4	6,392.1	652.3	59,847.2
1935	16,053	60,386.9	20,419.3	24,217.2	12,397.5	3,605.4	4,230.3	222.1	51,586.1
1940	15,017	80,213.6	22,557.7	29,074.9	25,683.9	3,091.8	5,233.3	----	71,153.5
1941	14,919	87,828.7	25,543.4	32,729.7	26,879.3	3,055.0	5,469.5	----	78,549.3
1941 (Dec. 31)	14,885	91,453.7	26,838.4	34,589.3	27,487.4	3,034.4	5,460.8	----	82,233.3
1942 (Dec. 31)	14,722	109,542.6	24,001.1	54,371.4	28,835.4	2,985.4	5,619.6	----	100,265.6
1943 (Dec. 31)	14,621	128,122.0	23,674.5	73,726.2	28,612.2	3,011.6	6,034.1	----	118,336.1
1944 (Dec. 30)	14,579	152,947.2	26,101.6	94,011.0	30,977.2	3,053.0	6,640.2	----	142,310.8
1945 (Dec. 31)	14,598	178,351.1	30,466.9	110,515.7	35,614.8	3,187.4	7,424.2	----	166,530 1
1946 (Dec. 31)	14,633	169,406.4	35,822.9	96,636.7	35,217.5	3,299.5	8,138.5	----	156,801.4
1947 (Dec. 31)	14,755	176,024.1	43,231.1	92,397.3	38,560.1	3,342.6	8,654.8	----	162,728.7
1948 (Dec. 31)	14,735	176,075.4	48,452.7	85,933.4	39,635.5	3,423.2	9,130.6	----	162,041.4
National banks:									
1865	1,294	1,126.5	362.4	[9] 394.0	343.9	325.8	54.5	131.5	[10] 614.2
1880	2,076	2,035.5	994.7	451.5	517.5	455.9	168.5	318.1	1,085.1
1900	3,732	4,944.2	2,644.2	774.6	1,400.3	621.5	391.5	265.3	3,621.5
1910	7,145	9,896.6	5,455.9	1,576.3	2,549.9	989.6	861.4	675.6	7,257.0
1915	7,605	11,795.7	6,665.1	2,026.5	2,697.0	1,068.5	1,036.8	722.7	8,821.2
1920	8,030	23,276.3	13,502.1	4,050.9	4,495.4	1,224.2	1,397.9	688.2	17,166.6
1925	8,072	24,263.7	12,596.2	5,705.2	4,791.9	1,369.4	1,600.6	648.5	19,921.8
1930	7,252	28,872.4	14,897.2	6,888.2	5,415.3	1,744.0	2,232.2	652.3	23,268.9
1935	5,431	26,056.5	7,368.7	10,716.4	6,868.2	1,809.5	1,276.9	221.1	22,518.2
1940	5,170	36,885.1	9,179.2	12,905.3	13,877.1	1,534.6	1,941.8	----	33,074.4
1941	5,136	41,314.6	10,922.5	14,954.8	14,521.7	1,523.4	2,074.8	----	37,351 3
1941 (Dec. 31)	5,123	43,538.2	11,751.8	15,887.5	15,001.9	1,515.8	2,133.3	----	39,554.8
1942 (Dec. 31)	5,087	54,781.0	10,200.8	27,482.8	16,250.3	1,503.7	2,234.7	----	50,648.8
1943 (Dec. 31)	5,046	64,531.9	10,133.5	37,504.3	16,080.7	1,531.5	2,427.9	----	60,156.2
1944 (Dec. 30)	5,031	76,949.9	11,497.8	47,022.3	17,637.2	1,566.9	2,708.0	----	72,128.9
1945 (Dec. 31)	5,023	90,535.8	13,948.0	55,611.6	20,178.8	1,658.8	2,996.9	----	85,243.0
1946 (Dec. 31)	5,013	84,850.3	17,309.8	46,642.8	20,067.2	1,756.6	3,393.2	----	79,049.8
1947 (Dec. 31)	5,011	88,447.0	21,480.5	44,010.0	22,075.6	1,779.8	3,641.6	----	82,275.4
1948 (Dec. 31)	4,997	88,135.1	23,818.5	40,228.4	23,024.3	1,828.8	3,842.1	----	81,648.0
State (commercial banks): [11]									
1840	901	657.7	462.9	42.4	98.7	[8] 358.4	----	107.0	119.9
1860	1,562	999.9	691.9	70.3	195.7	[8] 421.9	----	207.1	309.7
1880	650	481.8	282.1	61.9	109.9	109.3	35.8	.3	317.9
1900	5,009	3,378.4	1,933.5	589.9	707.0	383.8	289.6	----	2,659.0
1910	14,378	8,741.2	5,230.3	1,424.9	1,695.2	871.5	795.0	----	6,840.2
1915	17,791	11,511.4	6,808.5	1,928.4	2,133.2	1,073.8	963.4	----	9,123.7
1920	20,690	23,720.3	14,427.5	4,452.6	3,608.0	1,465.1	1,414.4	----	19,199.7
1925	19,635	29,566.2	16,738.7	6,283.4	4,844.3	1,789.5	1,820.0	----	24,794.0
1930	15,860	34,180.0	19,651.4	7,162.4	5,450.9	2,136.9	3,082.6	----	27,281.4
1935	9,808	22,441.0	7,586.9	8,590.0	4,915.1	1,701.3	1,665.2	----	18,036.5
1940	9,239	31,193.9	8,403.5	10,831.6	10,781.9	1,540.2	1,987.6	----	27,302.1
1941	9,179	34,334.6	9,608.7	12,342.4	11,341.7	1,517.6	2,072.0	----	30,397.0
1941 (Dec. 31)	9,162	35,915.3	10,130.2	13,151.4	11,638.0	1,505.5	2,076.6	----	31,983.5
1942 (Dec. 31)	9,047	42,650.1	9,058.4	20,756.3	11,874.2	1,469.2	2,140.4	----	38,800.4
1943 (Dec. 31)	8,989	50,349.9	9,009.9	28,743.3	11,686.1	1,468.8	2,322.6	----	46,276.5

For footnotes, see p. 388.

No. 432.—All Active Banks—Principal Assets and Liabilities, by Class of Banks: 1834 to 1948—Continued

[Money figures in millions of dollars]

On or about June 30—	Number of banks	Total assets or liabilities [1]	Selected assets: Loans and discounts including overdrafts [2]	Selected assets: U. S. Govt. and other securities [3]	Selected assets: Cash and balances with other banks [1 4]	Selected liabilities: Capital stock [5]	Selected liabilities: Surplus, undivided profits, and reserve [6]	Selected liabilities: Circulation [7]	Selected liabilities: Total deposits [1]
State (commercial banks): [11]—Continued									
1944 (Dec. 30)	8,971	61,001.4	10,187.8	37,321.3	12,707.3	1,475.3	2,546.5	----------	56,625.8
1945 (Dec. 31)	9,003	70,555.2	12,184.7	42,854.6	14,772.7	1,517.7	2,825.7	----------	65,694.5
1946 (Dec. 31)	9,052	65,581.1	13,924.5	36,687.1	14,263.3	1,531.7	2,950.8	----------	60,649.0
1947 (Dec. 31)	9,092	67,396.3	16,684.9	34,482.1	15,488.4	1,550.4	3,104.6	----------	62,283.1
1948 (Dec. 31)	9,090	67,025.3	18,832.2	31,812.5	15,621.9	1,581.8	3,268.1	----------	61,610.4
Mutual savings banks:									
1875	674	896.2	532.5	295.7	41.2	----------	45.6	----------	849.6
1880	629	881.7	385.4	390.8	39.1	----------	56.0	----------	819.1
1900	652	2,336.5	1,001.6	1,128.1	114.0	----------	195.5	----------	2,134.7
1910	638	3,652.4	1,727.2	1,676.1	160.7	----------	289.3	----------	3,360.6
1915	630	4,319.4	2,170.0	1,869.9	206.3	----------	360.0	----------	3,951.1
1920	620	5,619.0	2,591.5	2,716.3	226.7	----------	422.5	----------	5,187.1
1925	611	7,913.0	4,183.1	3,351.2	243.3	----------	749.7	----------	7,151.8
1930	606	10,295.3	5,896.0	3,872.4	296.8	----------	1,068.7	----------	9,215.9
1935	571	11,172.5	5,342.5	4,511.4	522.8	[12] 25.6	1,199.1	----------	9,919.8
1940	551	11,952.2	4,926.5	5,261.5	979.4	8.0	1,288.1	----------	10,631.4
1941	550	11,996.1	4,958.0	5,362.2	968.1	7.1	1,309.8	----------	10,648.5
1941 (Dec. 31)	548	11,808.1	4,904.6	5,473.3	795.2	6.8	1,237.4	----------	10,533.1
1942 (Dec. 31)	537	11,906.8	4,693.8	6,032.6	661.3	6.1	1,230.7	----------	10,640.9
1943 (Dec. 31)	537	13,023.9	4,474.6	7,375.4	795.7	4.9	1,268.9	----------	11,717.1
1944 (Dec. 30)	535	14,761.3	4,362.3	9,543.6	582.3	4.9	1,370.3	----------	13,350.6
1945 (Dec. 31)	534	16,987.1	4,271.8	11,905.4	607.8	4.9	1,584.9	----------	15,354.5
1946 (Dec. 31)	533	18,665.0	4,515.3	13,157.5	816.4	4.9	1,778.5	----------	16,835.2
1947 (Dec. 31)	533	19,713.9	4,944.4	13,696.2	886.3	5.0	1,884.1	----------	17,762.8
1948 (Dec. 31)	532	20,473.5	5,686.2	13,708.7	877.9	4.7	1,904.5	----------	18,404.9
Private banks:									
1890	1,358	165.2	108.4	8.0	36.2	41.4	14.4	----------	105.4
1900	989	126.8	78.4	5.8	34.7	19.4	5.6	----------	97.7
1910	934	160.0	108.4	10.4	31.5	18.9	9.7	----------	126.4
1915	1,036	177.7	115.0	15.3	32.0	20.5	12.5	----------	135.7
1920	799	212.6	128.9	32.2	37.4	13.3	16.5	----------	171.8
1925	523	155.2	80.5	35.2	27.3	10.8	10.4	----------	127.5
1930	361	114.6	65.5	21.7	15.0	8.6	8.7	----------	81.0
1935	243	716.8	121.2	399.4	91.5	69.1	89.1	----------	511.5
1940	57	182.4	48.4	76.5	45.4	8.9	15.8	----------	145.5
1941	54	183.3	54.3	70.3	47.9	6.9	12.9	----------	152.5
1941 (Dec. 31)	52	192.1	51.8	77.1	52.3	6.3	13.5	----------	161.9
1942 (Dec. 31)	51	204.7	48.1	99.7	49.6	6.4	13.8	----------	175.5
1943 (Dec. 31)	49	216.3	56.5	103.3	49.7	6.5	14.6	----------	186.4
1944 (Dec. 30)	42	234.6	53.7	123.7	50.3	5.9	15.4	----------	205.4
1945 (Dec. 31)	38	273.0	62.4	144.1	55.5	5.9	16.7	----------	238.1
1946 (Dec. 31)	35	310.0	73.3	149.4	70.7	6.3	16.0	----------	267.4
1947 (Dec. 31)	119	466.9	121.4	209.1	109.9	7.5	24.5	----------	407.4
1948 (Dec. 31)	116	441.5	115.9	183.9	111.5	7.9	25.9	----------	378.2

[1] Reciprocal interbank demand balances with banks in the U. S. are reported net, beginning 1942.
[2] Acceptances of other banks and bills of exchange or drafts sold with endorsements are excluded for national and State banks beginning with 1920 and for other banks beginning with 1929.
[3] Securities borrowed excluded for national banks beginning with 1903 and for other banks beginning with 1929. Not reported separately for prior years.
[4] Includes lawful reserve and exchanges for clearing house. Beginning 1936, excludes cash items not in process of collection.
[5] Beginning 1934, includes capital notes and debentures for banks other than national.
[6] Interest, taxes, and other expenses accrued and unpaid are excluded for national banks beginning with 1920 and for other banks beginning with 1929.
[7] Figures for national banks represent national bank circulation only; comparatively small amounts of State bank notes outstanding for 1870 to 1910, for which national banks converted from State banks or merged with State banks assumed liability, are not included in the figures for national banks or for all banks.
[8] Capital only.
[9] U. S. Government securities only.
[10] Includes State bank circulation outstanding.
[11] Includes loan and trust companies, and with some exceptions (see headnote), stock savings banks.
[12] Figures given under capital for 1935 include capital stock of one stock savings bank (see headnote).

Source: Treasury Department, Comptroller of the Currency; Annual Report.

No. 433.—All Active Banks—Assets and Liabilities: 1945 to 1948

[**Money figures in millions of dollars.** Excludes banks in the Philippines and except for 1945, Guam]

ITEM	1945 (Dec. 31)	1946 (Dec. 31)	1947 (Dec. 31)	1948 (Dec. 31)
Number of banks	14,598	14,633	14,755	14,735
Assets, total	**178,351**	**169,406**	**176,024**	**176,075**
Loans, total [1]	30,467	35,823	43,231	48,453
Loans on real estate	8,980	11,675	14,302	16,704
Commercial and industrial loans (including open-market paper)	9,600	14,237	18,295	19,055
Other loans, including overdrafts	11,887	9,911	10,634	13,332
Less valuation reserves				*638*
Securities, total	110,516	96,637	92,397	85,933
U. S. Government obligations, direct and guaranteed	101,904	87,094	81,637	74,463
Obligations of States and political subdivisions	4,083	4,478	5,362	5,754
Other bonds, notes, and debentures	3,991	4,537	4,898	5,200
Corporate stocks, including stocks of Federal Reserve banks	538	528	500	517
Currency and coin	2,025	2,222	2,393	2,145
Balances with other banks, including reserve balances and cash items in process of collection	33,590	32,996	36,167	37,490
Bank premises owned, furniture and fixtures	1,020	1,017	1,060	1,123
Real estate owned other than bank premises	73	39	34	32
Investments and other assets indirectly representing bank premises or other real estate	77	71	67	78
Customers' liability on acceptances outstanding	76	134	167	205
Interest, commissions, rent, and other income earned or accrued but not collected	296	272	508	616
Other assets	212	195		
Liabilities, total	**167,739**	**157,968**	**164,027**	**163,521**
Deposits, total	166,530	156,801	162,729	162,041
Deposits of individuals, partnerships, and corporations:				
Demand	73,932	81,328	85,303	83,166
Time	45,292	50,288	52,454	53,355
U. S. Government and postal savings deposits	24,779	3,193	1,539	2,521
Deposits of States and political subdivisions	5,821	6,912	7,788	8,562
Deposits of banks	14,090	12,680	13,045	12,285
Other deposits (certified and cashiers' checks, etc.)	2,616	2,400	2,600	2,152
Bills payable, rediscounts, and other liabilities for borrowed money	227	48	75	64
Acceptances executed by or for account of reporting banks and outstanding	87	151	191	228
Interest, discount, rent, and other income collected but not earned	59	104	1,032	1,188
Interest, taxes, and other expenses accrued and unpaid	383	402		
Other liabilities	453	462		
Capital accounts, total	**10,612**	**11,438**	**11,997**	**12,551**
Capital notes and debentures	72	68	62	48
Preferred stock	164	116	87	79
Common stock	2,952	3,116	3,193	3,296
Surplus	5,004	5,401	5,735	6,008
Undivided profits	1,781	2,049	2,246	2,506
Reserves and retirement account for preferred stock and capital notes and debentures	639	688	674	617

[1] Beginning in 1948, figures for various loan items are reported gross, i. e., before deduction of valuation reserves, and are not entirely comparable with prior years.

Source: Treasury Department, Comptroller of the Currency; Annual Report.

No. 434.—All Active Banks—Summary, by States and Other Areas: Dec. 31, 1948

[Money figures in millions of dollars]

Region, State, or other area	Number of banks	Total assets or liabilities	Selected assets: Loans and discounts including overdrafts	Selected assets: U. S. Govt. and other securities	Selected assets: Cash and balances with other banks [1]	Selected liabilities: Capital, surplus, undivided profits and reserve [2]	Selected liabilities: Deposits: Total	Selected liabilities: Deposits: Demand	Selected liabilities: Deposits: Time (incl. postal savings)
Total	**14,735**	**176,075.4**	**48,452.7**	**85,933.4**	**39,635.5**	**12,553.8**	**162,041.4**	**107,088.5**	**54,952.9**
Continental U. S.	**14,686**	**175,175.9**	**48,173.8**	**85,519.2**	**39,473.6**	**12,478.8**	**161,247.7**	**106,667.6**	**54,580.0**
New England States	**877**	**13,891.7**	**3,871.8**	**7,921.5**	**1,927.3**	**1,292.9**	**12,491.7**	**5,159.5**	**7,332.2**
Maine	96	764.5	206.9	440.2	111.4	72.7	688.9	251.0	437.9
New Hampshire	109	599.5	196.7	329.8	68.8	63.5	534.5	147.3	387.2
Vermont	77	366.2	183.4	135.0	43.5	35.8	328.0	90.9	237.1
Massachusetts	378	7,990.7	2,266.9	4,481.9	1,140.6	747.2	7,170.8	3,188.8	3,982.0
Rhode Island	29	1,108.0	266.7	682.2	143.2	97.1	999.7	427.0	572.8
Connecticut	188	3,062.8	751.1	1,852.4	419.9	276.7	2,769.8	1,054.6	1,715.2
Eastern States	**2,363**	**66,019.1**	**18,531.3**	**33,294.0**	**13,837.7**	**5,813.1**	**59,975.8**	**37,509.6**	**22,466.2**
New York	779	45,397.6	13,523.7	21,531.7	9,669.1	3,979.8	40,695.6	26,057.0	14,638.6
New Jersey	361	5,346.7	1,204.3	3,187.5	883.1	382.2	4,941.1	2,416.2	2,525.0
Pennsylvania	991	12,104.5	2,949.6	6,510.5	2,484.5	1,155.4	10,882.6	6,765.8	4,116.9
Delaware	41	583.4	145.9	328.1	103.7	62.3	518.5	365.6	152.9
Maryland	172	2,092.7	436.9	1,226.6	402.1	165.2	1,918.2	1,098.6	819.6
District of Columbia	19	1,094.3	271.0	509.5	295.2	68.3	1,019.8	806.5	213.2
Southern States	**3,839**	**24,680.3**	**6,830.1**	**10,380.7**	**7,211.9**	**1,448.5**	**23,106.9**	**19,132.9**	**3,974.0**
Virginia	314	1,946.1	646.4	788.2	486.4	139.9	1,794.7	1,211.3	583.3
West Virginia	181	1,033.2	261.8	505.0	255.7	77.2	951.9	689.0	262.9
North Carolina	227	1,958.4	549.0	876.3	512.4	113.4	1,827.4	1,465.1	362.4
South Carolina	149	725.7	173.2	343.7	204.1	38.0	685.4	595.1	90.3
Georgia	384	1,801.6	601.2	645.5	536.3	113.4	1,673.7	1,356.4	317.4
Florida	189	1,766.6	351.2	916.7	476.3	107.2	1,652.9	1,320.9	332.0
Alabama	224	1,345.1	373.0	580.7	377.4	81.5	1,256.8	1,001.2	255.6
Mississippi	205	864.9	203.2	408.7	246.6	46.0	816.9	682.6	134.3
Louisiana	161	1,800.8	403.5	826.2	549.8	86.6	1,702.3	1,423.4	278.9
Texas	894	6,782.3	1,933.9	2,536.4	2,236.1	366.3	6,386.8	5,775.7	611.2
Arkansas	230	855.9	206.9	377.3	267.1	49.8	804.5	708.2	96.3
Kentucky	386	1,729.9	475.1	762.1	482.2	109.5	1,613.2	1,392.9	220.2
Tennessee	295	2,069.7	651.6	813.8	581.4	119.6	1,940.5	1,511.2	429.3
Middle Western States	**4,993**	**42,225.2**	**10,282.7**	**21,536.9**	**10,073.8**	**2,468.0**	**39,561.6**	**27,090.8**	**12,470.9**
Ohio	669	7,848.1	1,982.3	4,042.3	1,750.5	466.2	7,346.0	4,469.4	2,876.6
Indiana	491	3,250.1	707.1	1,755.3	763.9	183.7	3,055.6	2,149.3	906.3
Illinois	887	12,639.4	2,795.3	6,514.1	3,238.5	749.0	11,814.5	8,782.6	3,031.9
Michigan	446	5,307.6	1,299.8	2,804.0	1,158.6	294.9	4,984.3	2,853.6	2,130.7
Wisconsin	555	3,150.1	714.7	1,766.4	644.1	183.6	2,957.9	1,665.7	1,292.2
Minnesota	682	3,181.0	820.4	1,608.1	728.0	191.9	2,972.3	1,937.7	1,034.6
Iowa	664	2,401.2	643.2	1,218.6	526.0	137.4	2,260.7	1,728.9	531.7
Missouri	599	4,447.8	1,320.0	1,827.9	1,264.1	261.3	4,170.4	3,503.5	666.9
Western States	**2,094**	**8,377.0**	**2,020.3**	**4,045.5**	**2,263.9**	**450.3**	**7,897.4**	**6,820.4**	**1,077.0**
North Dakota	151	629.4	108.1	406.8	111.9	30.7	596.7	432.4	164.3
South Dakota	170	542.4	130.9	297.1	111.3	26.1	515.1	428.1	87.0
Nebraska	416	1,374.3	326.8	670.0	369.3	74.3	1,290.9	1,152.2	138.7
Kansas	609	1,745.0	470.8	803.7	461.9	94.2	1,647.2	1,486.0	161.3
Montana	112	603.7	135.3	309.4	155.3	24.9	577.5	480.5	97.0
Wyoming	55	271.9	56.4	131.5	82.5	14.3	257.0	210.3	46.7
Colorado	146	1,172.0	277.0	556.0	332.2	66.1	1,101.5	878.4	223.2
New Mexico	49	322.5	94.8	124.1	101.3	14.5	307.5	266.4	41.1
Oklahoma	386	1,715.7	420.3	746.9	538.1	105.2	1,603.9	1,486.2	117.7
Pacific States	**520**	**19,382.5**	**6,637.6**	**8,340.7**	**4,159.1**	**1,006.1**	**18,214.2**	**10,954.3**	**7,259.8**
Washington	124	2,215.9	678.9	997.8	522.1	117.6	2,090.3	1,361.1	729.2
Oregon	72	1,430.5	384.7	699.7	325.3	77.4	1,345.4	947.8	397.6
California	203	14,054.4	5,019.0	5,921.0	2,924.2	727.9	13,188.4	7,485.9	5,702.5
Idaho	47	459.5	134.8	215.3	106.1	20.0	438.5	343.9	94.6
Utah	55	599.4	187.1	255.4	152.6	33.0	564.2	384.1	180.0
Nevada	8	174.3	53.2	85.1	34.1	8.9	164.3	107.3	57.0
Arizona	11	448.5	179.8	166.4	94.8	21.1	423.3	324.3	99.0
Possessions	**49**	**899.6**	**278.9**	**414.2**	**161.9**	**75.0**	**793.7**	**420.9**	**372.8**
Alaska	19	71.1	17.0	30.1	23.0	5.0	66.1	47.8	18.2
Canal Zone (Panama)	4	23.6	.7	1.7	2.8	———	23.6	20.6	3.0
Guam	1	22.1	.3	16.7	4.7	.8	20.9	12.4	8.5
Hawaii	9	449.6	144.7	213.7	84.6	30.3	418.3	198.1	220.2
Puerto Rico	14	327.4	115.1	148.5	45.6	38.4	259.7	138.9	120.8
American Samoa	1	1.7	[3]	1.2	.4	.1	1.5	1.1	.4
Virgin Islands	1	4.0	1.1	2.2	.7	.4	3.6	1.9	1.8

[1] Includes reserve balances and cash items in process of collection.
[2] Includes capital notes and debentures and retirement account for preferred stock and capital notes, etc.
[3] Less than $50,000.

Source: Treasury Department, Comptroller of the Currency; Annual Report.

No. 435.—All Banks in Continental United States—Principal Assets and Liabilities, and Number of Banks: 1930 to 1949

[**Money figures in millions of dollars.** In general, data cover national banks, State commercial banks, trust companies, mutual and stocks savings banks, and such private, Morris Plan, and industrial banks for which data are available. For member bank data, see table 437; for figures on all active banks including those in territories and possessions, see table 432]

ITEM	1930, Dec. 31	1935, Dec. 31	1940, Dec. 31	1945, Dec. 31	1946, Dec. 30	1947, Dec. 31	1948		1949	
							June 30	Dec. 31	June 30	Dec. 28 [1]
Loans and investments, total	56,602	45,779	54,177	140,227	131,698	134,924	133,081	133,693	133,868	141,250
Loans	38,052	20,356	23,756	30,362	35,648	43,002	45,099	48,174	47,076	49,870
Investments, total	18,550	25,424	30,422	109,865	96,050	91,923	87,982	85,519	86,792	91,380
U. S. Government obligations	(2)	15,527	20,972	101,288	86,558	81,199	76,774	74,097	74,877	78,710
Other securities	(2)	9,896	9,449	8,577	9,491	10,723	11,208	11,422	11,915	12,670
Cash assets [3]	(2)	14,849	28,090	35,415	35,041	38,388	35,000	30,474	34,966	35,070
Deposits, total [3]	58,092	55,389	75,996	165,612	155,902	161,865	156,353	161,248	156,470	163,160
Interbank [3]	5,155	6,570	10,934	14,065	12,656	13,033	11,436	12,269	10,938	12,100
Other:										
Demand	(2)	25,427	38,558	105,935	92,462	95,727	90,823	94,671	90,145	95,700
Time	(2)	23,392	26,503	45,613	50,784	53,105	54,093	54,308	55,386	55,360
Capital accounts, total	(2)	7,787	8,302	10,542	11,360	11,948	12,241	12,479	12,845	13,140
Number of banks	22,773	15,900	14,896	14,553	14,585	14,714	14,719	14,703	14,680	14,680

[1] Preliminary. [2] Not available.
[3] Beginning June 30, 1942, excludes reciprocal balances, which on Dec 31, 1942, aggregated $525 million at all insured commercial banks.

Source: Board of Governors of the Federal Reserve System; published currently in Federal Reserve Bulletin.

No. 436.—Federal Reserve System, All Member Banks—Earnings, Expenses, and Dividends: 1930 to 1948

[**Money figures in millions of dollars; ratios in percentages.** See also *Historical Statistics*, series N 68–75]

ITEM	1930	1935	1940	1945	1947	1948		
						Total	National	State
Number of banks	8,052	6,387	6,486	6,884	6,923	6,918	4,991	1,927
Current earnings, total	2,157.9	1,206.6	1,323.0	2,102.2	2,578.6	2,828 3	1,894.4	933.9
Interest earned	1,857.5	967.3	1,026.6	1,707.9	2,098.9	2,302.1	1,575.2	726.9
Expenses, total [1]	1,604.3	832.5	921.0	1,267.6	1,650.0	1,795.2	1,180.2	615.0
Interest paid	771.0	209.7	147.6	185.2	238.4	253.6	176.3	77 3
Salaries and wages	451.8	334.5	400.3	579.6	797.0	875.8	563.7	312.1
Net current earnings [1]	553.6	374.1	402.0	834.5	928.6	1,033.1	714.2	318.9
Recoveries, profits on securities, etc	118.2	376.0	302.8	453.8	232.1	242.5	161.4	81.1
Losses and charge-offs [1]	365.3	538.3	355.7	229.9	251.2	421.2	277.1	144.1
Profits before income taxes	(1)	(1)	(1)	1,058.5	909.5	854.5	598.5	256.0
Taxes on net income				270.1	256.5	233.6	175.9	57.7
Net profits	306.5	211.9	349.1	788.4	653 0	620.9	422.6	198 3
Cash dividends declared [2]	367.0	186.8	210.5	245.9	280 9	293.8	193.5	100.3
Loans [3]	25,018.0	11,985.0	14,298.0	19,815.0	29,326.3	34,186.5	22,474.3	11,712 2
Securities [3]	10,377.0	16,913.0	20,623.0	77,361.0	67,010.2	62,117.2	41,780.1	20,337.1
Capital accounts [3]	6,723.0	5,118.0	5,597.0	7,243.0	8,291.3	8,629.8	5,533.0	3,096.8
Ratios to capital accounts:								
Net current earnings [1]	8.2	7.3	7.2	11.5	11.2	12.0	12.0	10.3
Net profits	4.6	4.1	6.2	10.9	7.9	7.2	7.6	6.4
Cash dividends declared	5.5	3.7	3.8	3.4	3.4	3.4	3.5	3.2
Ratios to total assets:								
Total current earnings	4.6	2.9	2.3	1.7	2.0	2.2	2.2	2.2
Net current earnings [1]	1.2	.9	.7	.7	.7	.8	.8	.7

[1] Beginning with 1942, taxes on net income, previously included in expenses, are reported separately, and recurring depreciation on banking-house furniture and fixtures, previously included in losses and charge-offs, is included in expenses.
[2] Includes interest on capital notes and debentures beginning 1933, when first issued.
[3] Averages of amounts reported for every call date in year and final call date in preceding year, except 1946 and 1947, when fall and spring calls were omitted in averaging amounts.

Source of tables 435 and 436: Board of Governors of the Federal Reserve System; figures through 1941, Banking and Monetary Statistics; published currently in Federal Reserve Bulletin.

No. 437.—Federal Reserve System, All Member Banks—Principal Assets and Liabilities: 1925 to 1949

[**Money figures in millions of dollars.** Data as of Dec. 31. See also *Historical Statistics*, series N 49–55, for data as of June 30 on all member banks]

Item	All member banks							
	1925	1930	1935	1940	1945	1947	1948	1949
Number of banks	9,489	8,052	6,387	6,486	6,884	6,923	6,918	6,892
ASSETS								
Loans and investments, total	30,884	34,860	29,985	37,126	107,183	97,846	95,616	101,528
Loans	21,996	23,870	12,175	15,321	22,775	32,628	36,060	36,230
Investments, total	8,888	10,989	17,810	21,805	84,408	65,218	59,556	65,297
U. S. Govt obligations [1]	3,728	4,125	12,268	15,823	78,338	57,914	52,154	56,883
Other securities	5,160	6,864	5,541	5,982	6,070	7,304	7,402	8,414
Reserve with Federal Reserve Banks	2,238	2,475	5,573	13,992	15,811	17,797	20,406	16,429
Cash in vault	575	593	665	991	1,438	1,672	1,486	1,521
Balances with domestic banks [2]	2,155	2,456	3,776	6,185	7,117	6,270	5,674	6,194
LIABILITIES								
Deposits, total	34,250	37,029	38,454	56,430	129,670	122,528	121,362	123,885
Interbank:								
Domestic banks [2]	4,166	3,980	5,847	9,716	12,380	11,017	10,128	10,648
Foreign banks		784	449	706	1,260	1,387	1,513	1,449
U. S. Government [3]	301	267	844	651	22,275	1,277	2,229	3,009
Postal savings	96	189	218	22	3	3	4	4
All other:								
Demand	19,124	18,796	21,056	33,213	69,640	80,609	78,759	79,791
Time	10,557	13,012	10,041	12,122	24,111	28,235	28,728	28,985
Demand deposits adjusted [4]	15,943	15,869	18,801	30,429	64,184	73,528	72,152	72,658
Net demand deposits subject to reserve	19,260	18,969	22,169	35,262	70,918	80,822	80,210	81,263
Borrowings	740	513	14	3	208	54	45	11
Capital accounts	4,678	6,593	5,145	5,698	7,589	8,464	8,801	9,174

Item	New York [5]			Chicago [5]			Reserve city banks			Country banks		
	1947	1948	1949	1947	1948	1949	1947	1948	1949	1947	1948	1949
Number of banks	37	35	25	14	13	13	353	335	341	6,519	6,535	6,513
ASSETS												
Loans and investments, total	20,393	18,759	19,583	5,088	4,799	5,424	36,040	35,332	38,301	36,324	36,726	38,219
Loans	7,179	8,048	7,550	1,801	1,783	1,618	13,449	14,285	14,370	10,199	11,945	12,692
Investments, total	13,214	10,712	12,033	3,287	3,016	3,806	22,591	21,047	23,931	26,125	24,781	25,527
U. S. Govt. obligations [1]	11,972	9,649	10,746	2,890	2,633	3,324	20,196	18,594	20,951	22,857	21,278	21,862
Other securities	1,242	1,063	1,287	398	383	482	2,395	2,453	2,980	3,268	3,504	3,665
Reserve with Federal Reserve Banks	4,639	5,643	4,462	1,070	1,325	1,183	7,095	7,701	6,413	4,993	5,736	4,371
Cash in vault	151	117	112	30	28	27	562	483	482	929	858	901
Balances with domestic banks [2]	70	67	68	175	143	159	2,125	1,845	1,965	3,900	3,619	4,002
LIABILITIES												
Deposits, total	25,216	24,024	23,983	6,402	6,293	6,810	46,467	45,943	47,559	44,443	45,102	45,534
Interbank:												
Domestic banks [2]	3,236	2,905	2,996	1,196	1,038	1,151	5,518	5,229	5,509	1,066	956	991
Foreign banks	1,228	1,309	1,196	21	26	40	131	170	204	7	8	9
U. S. Government [3]	279	459	678	74	189	263	450	846	1,202	475	734	867
Postal savings	----	----	----	----	----	----	1	1	1	3	3	4
All other:												
Demand	19,040	17,686	17,499	4,201	4,039	4,277	28,990	28,351	29,040	28,378	28,683	28,974
Time	1,432	1,665	1,614	911	1,000	1,079	11,378	11,344	11,604	14,514	14,719	14,689
Demand deposits adjusted [4]	16,653	15,773	15,182	3,737	3,604	3,797	25,714	25,072	25,744	27,424	27,703	27,935
Net demand deposits subject to reserve	21,306	20,335	19,835	4,852	4,715	5,088	29,637	29,425	30,610	25,027	25,735	25,729
Borrowings	30	25	----	5	----	----	1	8	----	23	12	11
Capital accounts	2,259	2,306	2,312	426	444	470	2,844	2,928	3,087	2,934	3,123	3,305

[1] Both direct and guaranteed obligations.

[2] Prior to Dec. 31, 1935, excludes balances with private banks to extent that such balances were reported in "Other assets." Prior to Dec. 31, 1933, excludes time balances with domestic banks which then amounted to $62,000,000 and which, prior to that time, were reported in "Other assets." Beginning June 30, 1942, excludes reciprocal bank balances which on Dec. 31, 1942, aggregated $513,000,000.

[3] Beginning with 1940, includes U. S. Treasurer's time deposits, open account.

[4] Demand deposits other than interbank and U. S. Government, less cash items reported as in process of collection and, prior to Dec. 31, 1935, less cash items reported on hand but not in process of collection.

[5] Central reserve city banks only.

Source: Board of Governors of the Federal Reserve System. Figures published currently in Federal Reserve Bulletin.

No. 438.—Federal Reserve Banks—Principal Assets: 1920 to 1949

[In thousands of dollars. See also *Historical Statistics*, series N 114–119, for data on all Federal Reserve Banks]

DEC. 31—	Total assets	Reserves	RESERVE BANK CREDIT OUTSTANDING				
			Total [1]	Loans and securities			
				Total [2]	Discounts and advances	Bills bought in open market	U. S. Govt. securities
All F. R. banks:							
1920 (Dec. 29)	6,254,105	2,250,400	3,354,632	3,234,828	2,687,393	260,406	287,029
1925	5,109,404	2,824,371	1,459,172	1,395,122	642,993	374,356	374,568
1930	5,200,648	3,081,517	1,373,332	1,351,852	251,398	363,844	729,467
1935	11,025,800	7,835,351	2,485,631	2,472,733	4,672	4,656	2,430,731
1940	23,261,866	20,035,582	2,274,219	2,194,553	2,915	----------	2,184,100
1945	45,062,898	17,862,924	25,091,366	24,513,094	248,905	----------	24,262,248
1946	45,006,413	18,381,293	24,093,094	23,513,314	163,079	----------	23,349,685
1947	47,711,654	21,497,297	23,181,477	22,646,146	85,425	----------	22,559,334
1948	50,042,871	22,966,080	24,097,367	23,556,383	222,805	----------	23,332,746
1949	45,643,097	23,176,223	19,498,711	18,964,512	77,845	----------	18,884,597
Boston:							
1946	2,478,854	782,334	1,503,571	1,471,908	10,021	----------	1,461,860
1947	2,603,956	815,732	1,520,899	1,501,281	5,473	----------	1,495,808
1948	2,654,852	811,205	1,598,848	1,552,815	13,068	----------	1,539,747
1949	2,492,749	916,600	1,329,097	1,308,430	5,619	----------	1,302,811
New York:							
1946	11,704,486	5,185,383	6,072,474	5,858,729	58,935	----------	5,799,794
1947	12,880,719	6,380,273	5,960,125	5,739,601	41,860	----------	5,697,741
1948	13,734,379	7,445,622	5,791,738	5,675,496	78,700	----------	5,596,796
1949	12,442,438	7,299,934	4,598,939	4,498,838	23,377	----------	4,475,461
Philadelphia:							
1946	2,771,673	919,154	1,696,940	1,661,200	15,547	----------	1,645,130
1947	2,879,526	1,077,229	1,601,472	1,573,720	6,841	----------	1,565,522
1948	2,972,021	1,071,266	1,723,572	1,684,920	17,495	----------	1,666,658
1949	2,759,740	1,257,423	1,324,680	1,295,521	7,255	----------	1,286,381
Cleveland:							
1946	3,663,201	1,201,786	2,233,639	2,193,336	15,010	----------	2,178,326
1947	3,941,591	1,509,931	2,155,814	2,107,863	6,790	----------	2,101,073
1948	4,114,242	1,517,496	2,331,580	2,254,617	17,707	----------	2,236,910
1949	3,660,491	1,598,238	1,814,394	1,748,595	6,849	----------	1,741,745
Richmond:							
1946	2,779,990	1,163,084	1,356,864	1,321,295	7,316	----------	1,313,979
1947	2,845,959	1,104,760	1,466,877	1,434,938	3,094	----------	1,431,814
1948	2,865,832	1,029,288	1,557,234	1,525,978	10,591	----------	1,515,322
1949	2,699,007	1,139,423	1,285,824	1,218,247	5,806	----------	1,212,335
Atlanta:							
1946	2,424,599	1,070,580	1,158,758	1,146,069	5,737	----------	1,140,332
1947	2,461,255	1,054,299	1,184,993	1,183,510	2,155	----------	1,181,355
1948	2,513,969	1,103,891	1,186,118	1,177,570	7,830	----------	1,169,740
1949	2,309,532	1,035,551	1,044,273	1,015,339	2,879	----------	1,012,460
Chicago:							
1946	7,431,459	3,505,917	3,595,392	3,473,693	18,291	----------	3,455,402
1947	7,913,753	4,273,069	3,184,053	3,092,461	7,057	----------	3,085,404
1948	8,390,235	4,477,949	3,471,977	3,361,082	28,157	----------	3,332,925
1949	7,788,614	4,457,964	2,892,994	2,827,655	9,752	----------	2,817,903
St. Louis:							
1946	1,930,994	642,462	1,127,210	1,110,070	4,921	----------	1,105,149
1947	2,073,563	667,436	1,221,741	1,209,752	1,821	----------	1,207,931
1948	2,206,953	714,563	1,317,566	1,295,617	7,345	----------	1,288,272
1949	1,960,768	729,769	1,058,226	1,023,063	2,502	----------	1,020,561
Minneapolis:							
1946	1,092,979	378,417	653,086	639,553	3,413	----------	636,140
1947	1,208,498	454,855	676,803	666,184	1,265	----------	664,919
1948	1,313,203	493,555	730,854	719,119	4,928	----------	714,191
1949	1,154,445	446,586	628,681	613,216	1,787	----------	611,351
Kansas City:							
1946	1,871,914	620,174	1,104,056	1,083,830	7,954	----------	1,075,876
1947	2,035,854	785,843	1,085,633	1,062,160	2,471	----------	1,059,689
1948	2,148,499	863,529	1,124,640	1,101,252	13,689	----------	1,087,563
1949	1,969,087	863,246	938,506	916,812	3,402	----------	913,410
Dallas:							
1946	1,534,130	491,067	935,834	922,621	4,368	----------	918,253
1947	1,659,197	531,340	1,007,910	991,820	1,670	----------	990,150
1948	1,824,412	601,004	1,081,879	1,063,881	6,464	----------	1,057,417
1949	1,696,637	712,225	842,310	819,285	2,432	----------	816,853
San Francisco:							
1946	5,322,134	2,420,935	2,655,270	2,631,010	11,566	----------	2,619,444
1947	5,207,783	2,842,530	2,115,157	2,082,856	4,928	----------	2,077,928
1948	5,304,274	2,836,712	2,181,361	2,144,036	16,831	----------	2,127,205
1949	4,709,589	2,719,264	1,740,787	1,679,511	6,185	----------	1,673,326

[1] Includes, in addition to total loans and securities, amounts due from foreign banks and Reserve bank float.
[2] Includes municipal warrants, industrial loans, etc., not listed separately.

Source: Board of Governors of the Federal Reserve System; Banking and Monetary Statistics, Annual Report, and Federal Reserve Bulletin. Figures published currently in Federal Reserve Bulletin.

No. 439.—Federal Reserve Banks—Principal Liabilities: 1920 to 1949

[**Money figures in thousands of dollars.** See also *Historical Statistics*, series N 120-123, for data on all Federal Reserve Banks]

DEC. 31—	Capital	Surplus [1]	DEPOSIT LIABILITY		Federal Reserve notes	Reserve percentage [2]
			Total	Member bank reserves		
All F. R. banks:						
1920 (Dec. 29)	99,821	202,036	1,861,498	1,780,679	3,336,281	43.3
1925	117,237	220,310	2,257,388	2,212,098	1,838,164	69.0
1930	169,640	274,636	2,517,133	2,470,583	1,663,538	73.7
1935	130,512	169,736	6,385,809	5,587,208	3,709,074	77.6
1940	138,579	183,849	16,126,567	14,025,633	5,930,997	90.8
1945	177,095	385,783	18,199,510	15,914,950	24,649,132	41.7
1946	186,830	467,278	17,353,401	16,138,878	24,945,304	43.5
1947	195,517	475,732	19,730,684	17,899,371	24,820,434	48.3
1948	201,351	494,254	22,791,044	20,479,200	24,161,103	48.9
1949	210,891	515,716	18,906,232	16,568,088	23,482,646	54.7
Boston:						
1946	11,095	30,569	781,070	715,408	1,491,783	34.4
1947	11,243	31,128	861,622	766,622	1,472,299	35.0
1948	11,364	32,358	990,635	859,338	1,421,708	33.6
1949	12,001	33,789	837,096	711,482	1,397,144	41.0
New York:						
1946	65,801	143,802	5,412,575	4,903,039	5,711,364	46.6
1947	68,888	145,915	6,443,326	5,573,276	5,765,916	52.3
1948	69,333	150,338	7,526,363	6,701,274	5,582,207	56.8
1949	72,425	155,468	6,313,547	5,347,438	5,430,282	62.2
Philadelphia:						
1946	13,926	39,209	894,615	818,125	1,699,277	35.4
1947	14,370	39,839	975,833	867,114	1,681,880	40.5
1948	14,681	41,193	1,112,961	951,233	1,662,531	38.6
1949	15,084	42,694	918,064	788,335	1,632,189	49.3
Cleveland:						
1946	18,304	42,401	1,287,880	1,199,768	2,124,731	35.2
1947	18,843	43,179	1,508,876	1,386,873	2,139,963	41.4
1948	19,073	44,974	1,685,327	1,510,027	2,144,650	39.6
1949	19,432	46,963	1,331,846	1,185,987	2,050,079	47.3
Richmond:						
1946	7,771	24,001	771,715	733,111	1,781,923	45.5
1947	8,220	24,559	846,868	784,772	1,741,896	42.7
1948	8,717	25,766	955,906	848,901	1,657,802	39.4
1949	9,223	27,128	851,278	708,359	1,580,160	46.9
Atlanta:						
1946	7,109	19,425	789,879	748,101	1,449,774	47.8
1947	7,514	19,872	860,468	789,320	1,397,716	46.7
1948	7,874	20,790	979,756	874,451	1,329,272	47.8
1949	8,240	21,956	798,992	685,366	1,290,999	49.5
Chicago:						
1946	22,435	66,507	2,499,527	2,366,137	4,573,144	49.6
1947	23,827	67,646	2,808,204	2,655,849	4,636,568	57.4
1948	25,480	70,271	3,332,811	3,121,362	4,598,426	56.5
1949	26,885	73,458	2,800,823	2,627,072	4,501,280	61.1
St. Louis:						
1946	6,103	17,098	654,645	607,336	1,120,120	36.2
1947	6,404	17,493	753,254	691,845	1,143,968	35.2
1948	6,693	18,495	894,241	776,122	1,144,264	35.1
1949	6,894	19,639	700,997	611,854	1,090,460	40.7
Minneapolis:						
1946	4,071	12,070	433,535	398,589	592,688	36.9
1947	4,293	12,306	505,387	450,542	626,969	40.2
1948	4,472	12,870	599,518	506,653	631,349	40.1
1949	4,709	13,567	455,665	394,920	612,217	41.8
Kansas City:						
1946	6,167	16,866	807,878	772,506	922,170	35.8
1947	6,522	17,285	924,920	868,410	949,067	41.9
1948	6,968	18,145	1,048,626	942,409	939,231	43.4
1949	7,379	19,182	876,890	768,824	918,194	48.1
Dallas:						
1946	6,865	15,084	819,000	783,090	604,311	34.5
1947	7,304	15,418	915,880	863,227	624,739	34.5
1948	7,852	16,261	1,063,569	967,561	623,721	35.6
1949	8,456	17,180	913,455	814,892	640,274	45.8
San Francisco:						
1946	17,183	40,246	2,201,082	2,093,668	2,871,019	47.7
1947	18,089	41,092	2,326,046	2,201,521	2,639,453	57.2
1948	18,844	42,793	2,601,331	2,419,869	2,425,852	56.4
1949	20,163	44,692	2,107,579	1,923,559	2,339,368	61.1

[1] Includes surplus sec. 13b beginning December 1935.
[2] Ratio of reserves (shown in table 438) to aggregate of total deposit and Federal Reserve note liabilities.

Source: Board of Governors of the Federal Reserve System; Banking and Monetary Statistics, Annual Report, and Federal Reserve Bulletin. Figures published currently in Federal Reserve Bulletin.

No. 440.—Federal Reserve Banks—Discount Rates [1] in Effect Jan. 1, 1935, and Changes to Dec. 31, 1949

[Percent per annum]

Month established	Boston	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	St. Louis	Minneapolis	Kansas City	Dallas	San Francisco
	DISCOUNTS FOR AND ADVANCES TO MEMBER BANKS UNDER SECS. 13 AND 13(a) OF FEDERAL RESERVE ACT [2]											
In effect Jan. 1, 1935	2	1½	2½	2	3	2½	2½	2½	3	2½	3	2
1935—Jan	-------	-------	2	-------	2½	2	2	2	2½	-------	2½	-------
May	-------	-------	-------	1½	2	-------	-------	-------	2	2	2	-------
1937—Aug	-------	1	-------	-------	1½	1½	1½	-------	1½	-------	1½	-------
Sept	1½	-------	1½	-------	-------	-------	-------	1½	-------	1½	-------	1½
1939—Sept	1	-------	-------	-------	-------	(3)	(3)	(3)	-------	(3)	(3)	-------
1942—Feb	-------	-------	-------	-------	-------	-------	1	-------	-------	-------	-------	-------
Mar	-------	-------	1	-------	1	1	-------	1	1	-------	1	-------
Apr	-------	-------	-------	1	-------	-------	-------	-------	-------	1	-------	1
Oct	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
1948—Jan	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼	1¼
Aug	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
In effect Dec. 31, 1949	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
	ADVANCES TO MEMBER BANKS UNDER SEC. 10(b) OF FEDERAL RESERVE ACT [5]											
In effect Jan. 1, 1935	4	4	4	4	4½	4½	4	4½	5	4	4	4
1935—Jan	-------	2½	-------	-------	-------	4	-------	-------	-------	-------	-------	-------
Aug	-------	-------	-------	-------	-------	-------	-------	-------	-------	2½	-------	-------
Sept	2½	-------	-------	-------	2½	2½	2½	-------	-------	-------	-------	2½
Oct	-------	2	-------	2	-------	-------	-------	2½	2½	-------	2½	-------
Nov	-------	-------	2½	-------	-------	-------	-------	-------	-------	-------	-------	-------
1937—Aug	-------	-------	-------	-------	-------	2	2	-------	2	-------	2	-------
Sept	2	-------	2	-------	2	-------	-------	2	-------	2	-------	2
1942—Mar	-------	-------	-------	-------	-------	-------	-------	1½	-------	-------	-------	-------
Aug	-------	-------	-------	-------	-------	-------	1½	-------	-------	-------	-------	-------
Sept	-------	-------	-------	1½	-------	-------	-------	-------	-------	-------	-------	-------
Oct	1½	1½	1½	-------	1½	1½	-------	-------	1½	1½	1½	1½
1948—Jan	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾	1¾
Aug	2	2	2	2	2	2	2	2	2	2	2	2
In effect Dec. 31, 1949	2	2	2	2	2	2	2	2	2	2	2	2
	ADVANCES TO INDIVIDUALS, PARTNERSHIPS, AND CORPORATIONS (EXCEPT MEMBER BANKS), SECURED BY DIRECT OBLIGATIONS OF U. S. (last par. sec. 13 of Federal Reserve Act)											
In effect Jan. 1, 1935	4	3½	4	4	4	4	4	4½	4½	4	4	4
1935—Feb	-------	-------	-------	-------	-------	-------	-------	4	-------	-------	-------	-------
May	-------	-------	-------	3½	-------	-------	-------	-------	-------	3½	-------	-------
1938—Apr	2½	-------	-------	-------	-------	2½	-------	-------	-------	2½	2½	-------
Oct	-------	-------	-------	-------	-------	-------	-------	-------	3	-------	-------	-------
1939: To banks—												
Aug	-------	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Sept	1	-------	1½	[6] 1½	1½	1	1	1	1½	1	1	1½
To others—												
Sept	-------	-------	2½	-------	-------	-------	-------	-------	-------	-------	-------	-------
1942: To banks—												
Mar	-------	-------	1	-------	1	-------	-------	-------	1	-------	-------	-------
Apr	-------	-------	-------	1	-------	-------	-------	-------	-------	-------	-------	1
To others—												
Mar	-------	-------	-------	-------	-------	-------	-------	3	-------	-------	-------	-------
Oct	2	2½	2	2	2½	2	2	2	2½	2	2	2½
1946—Mar	(7)	-------	(7)	(7)	(7)	(7)	(7)	(7)	[7] 2	-------	(7)	-------
Apr	-------	(7)	-------	-------	-------	-------	-------	-------	-------	(7)	-------	(7)
1948—Jan	2½	-------	-------	-------	-------	2½	2½	2½	2½	2½	-------	-------
Feb	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	2½	-------
Aug	-------	-------	2½	2½	-------	-------	2¾	-------	2¾	-------	-------	-------
In effect Dec. 31, 1949	2½	2½	2½	2½	2½	2½	2¾	2½	2¾	2½	2½	2½

[1] For rates for 1914 to 1921, see Statistical Abstract 1928, table 249; for 1922 to 1932, Statistical Abstract 1933, table 232; for 1933 and 1934, Statistical Abstract 1942, table 268. For rates on industrial advances authorized by sec. 13b of Federal Reserve Act, which are not shown in this table, see source.

[2] Rediscounts of notes, drafts, and bills eligible for discount under Federal Reserve Act, and advances secured by such paper, by direct obligations of U. S., by certain obligations guaranteed as to principal and interest by U. S., and by obligations of Federal intermediate credit banks maturing within 6 months.

[3] 1 percent on advances secured by Government obligations.

[4] ½ percent on advances secured by Government obligations maturing or callable in 1 year or less. This preferential rate eliminated in April and May 1946.

[5] Advances secured to satisfaction of Federal Reserve Bank.

[6] Rate of 2½ percent to other lenders (than banks) in effect until Apr. 11, 1942.

[7] Separate rate to banks eliminated.

Source: Board of Governors of the Federal Reserve System; Banking and Monetary Statistics, Annual Report, and Federal Reserve Bulletin. Figures published currently in Federal Reserve Bulletin.

No. 441.—National Banks—Assets and Liabilities: 1947 and 1948

[**Money figures in thousands of dollars.** Includes banks in Alaska, Hawaii, and Virgin Islands]

ASSETS AND LIABILITIES	1947 (Dec. 31)	1948 (Dec. 31)				
		All banks	Central reserve cities	Other reserve cities	Country banks	Nonmember banks
Number of banks	5,011	4,997	18	228	4,745	6
Assets, total	88,447,000	88,135,052	16,311,776	37,247,031	34,321,228	255,017
Loans and securities, total	65,490,423	64,046,866	11,395,811	26,607,641	25,841,763	201,651
Loans and discounts, including overdrafts	21,480,457	23,818,513	4,544,757	10,993,822	8,213,312	66,622
U. S. Government securities, direct obligations	38,819,276	34,977,410	6,032,699	13,730,135	15,086,809	127,767
Obligations guaranteed by U. S. Gov't [1]	6,159	2,853	----------	287	2,566	--------
Obligations of States and political subdivisions	3,028,607	3,190,189	413,772	1,113,134	1,658,634	4,649
Other bonds, notes, and debentures	2,000,094	1,898,185	358,162	708,647	828,763	2,613
Corporate stocks, including stock of Federal Reserve Banks	155,830	159,716	46,421	61,616	51,679	--------
Cash in vault	1,168,042	1,040,763	63,408	349,334	612,410	15,611
Reserve with Federal Reserve Banks	11,694,935	13,382,404	3,379,290	5,870,719	4,106,857	[2] 25,538
Balances with other banks and cash items	9,212,613	8,601,102	1,203,415	3,954,844	3,433,922	8,921
Other assets	880,987	1,063,917	269,852	464,493	326,276	3,296
Liabilities, total	88,447,000	88,135,052	16,311,776	37,247,031	34,321,228	255,017
Deposits, total	82,275,356	81,648,016	14,685,850	34,714,645	32,006,342	241,179
Demand deposits of individuals, partnerships, and corporations	48,079,210	47,004,636	9,514,987	19,112,351	18,303,750	73,548
Time deposits of individuals, partnerships, and corporations	18,764,017	18,828,056	1,417,179	7,649,254	9,647,668	113,955
Deposits of U. S. Government and postal savings	902,426	1,504,408	308,016	655,064	510,182	31,146
Deposits of States and polit. subdivisions	4,726,333	5,230,758	381,931	2,430,230	2,400,693	17,904
Deposits of banks	8,411,473	7,843,607	2,725,949	4,334,328	782,006	1,324
Other deposits (certified and cashiers' checks, etc.)	1,391,897	1,236,551	337,788	533,418	362,043	3,302
Other liabilities	750,320	816,148	389,624	310,134	115,953	437
Capital stock	1,779,766	1,828,759	371,575	719,630	733,004	4,550
Surplus	2,399,520	2,510,495	628,175	950,502	926,968	4,850
Undivided profits	893,232	1,009,365	180,433	407,796	419,753	1,383
Reserves	348,806	322,269	56,119	144,324	119,208	2,618

[1] Federal Housing Administration debentures.
[2] Reserve with approved national banking associations.

Source: Treasury Department, Comptroller of the Currency; Abstract of Reports of Condition of National Banks.

No. 442.—Federal Reserve System, Member Bank Reserve Requirements: 1917 to 1949

[Percent of deposits. See also *Historical Statistics*, Series N 131-134]

EFFECTIVE DATE OF CHANGE	NET DEMAND DEPOSITS [1]			Time deposits (all member banks)	EFFECTIVE DATE OF CHANGE	NET DEMAND DEPOSITS [1]			Time deposits (all member banks)
	Central reserve city banks	Reserve city banks	Country banks			Central reserve city banks	Reserve city banks	Country banks	
June 21, 1917	13	10	7	3	Sept. 24, 1948	26	22	--------	[3] 7½
Aug 16, 1936	19½	15	10½	4½	May 1, 1949	--------	--------	15	[2] 7
Mar 1, 1937	22¾	17½	12¼	5¼	May 5, 1949	24	21	--------	[2] 7
May 1, 1937	26	20	14	6	June 30, 1949	--------	20	--------	[2] 6
Apr. 16, 1938	22¾	17½	12	5	July 1, 1949	--------	--------	14	[2] 6
Nov. 1, 1941	26	20	14	6	Aug. 1, 1949	--------	--------	13	--------
Aug. 20, 1942	24	--------	--------	--------	Aug. 11, 1949	23½	19½	--------	[2] 5
Sept 14, 1942	22	--------	--------	--------	Aug. 16, 1949	--------	--------	12	[2] 5
Oct. 3, 1942	20	--------	--------	--------	Aug. 18, 1949	23	19	--------	--------
Feb. 27, 1948	22	--------	--------	--------	Aug. 25, 1949	22½	18½	--------	--------
June 11, 1948	24	--------	--------	--------	Sept. 1, 1949	22	18	--------	--------
Sept. 16, 1948	--------	--------	16	[3] 7½					

[1] Demand deposits subject to reserve requirements, i. e., total demand deposits minus cash items in process of collection and demand balances due from domestic banks (also minus war loan and series E bond accounts during period Apr. 13, 1943–June 30, 1947, and all U. S. Government demand accounts Apr. 24, 1917–Aug. 13, 1935).
[2] Requirement became effective at country banks.
[3] Requirement became effective at central reserve and reserve city banks.

Source: Board of Governors of the Federal Reserve System, Federal Reserve Bulletin.

No. 443.—National Banks—Summary, by States and Other Areas: Dec 31, 1948

[Money figures in thousands of dollars]

Region, State, or other area	Number of banks	Total assets or liabilities	Selected assets			Selected liabilities			
			Loans and discounts, including overdrafts	U. S. Government and other securities	Cash and balances with other banks [1]	Capital, surplus, undivided profits, and reserve	Deposits		
							Total	Demand	Time (incl. postal savings)
Total	**4,997**	**88,135,052**	**23,818,513**	**40,228,353**	**23,024,269**	**5,670,888**	**81,648,016**	**61,937,877**	**19,710,139**
New England	**303**	**4,726,301**	**1,327,255**	**2,142,795**	**1,174,840**	**391,253**	**4,277,685**	**3,390,611**	**887,074**
Maine	33	244,339	74,963	112,931	54,549	22,167	221,239	131,723	89,516
New Hampshire	51	195,649	64,982	76,787	52,027	19,514	175,599	133,640	41,959
Vermont	39	136,963	51,536	55,529	28,245	13,473	122,508	58,117	64,391
Massachusetts	120	3,095,090	889,736	1,359,764	781,439	253,688	2,791,927	2,302,790	489,137
Rhode Island	9	262,070	68,646	133,208	58,148	25,212	235,314	210,665	24,649
Connecticut	51	792,190	177,392	404,576	200,432	57,199	731,098	553,676	177,422
Eastern	**1,317**	**24,226,375**	**6,341,187**	**11,474,468**	**6,021,138**	**2,013,266**	**21,788,586**	**16,829,464**	**4,959,122**
New York	386	13,297,259	3,740,862	5,761,873	3,530,353	1,057,367	11,864,527	10,141,182	1,723,345
New Jersey	211	2,359,591	504,163	1,381,792	446,013	159,057	2,191,892	1,207,679	984,213
Pennsylvania	637	7,148,965	1,796,656	3,602,587	1,666,570	705,542	6,407,519	4,442,465	1,965,054
Delaware	13	43,619	13,130	21,475	8,507	5,572	37,945	24,991	12,954
Maryland	61	741,018	141,077	398,493	194,790	51,042	688,254	516,156	172,098
Dist. of Columbia	9	635,923	145,299	308,248	174,905	34,686	598,449	496,991	101,458
Southern	**1,167**	**15,522,470**	**4,186,734**	**6,418,721**	**4,745,382**	**867,801**	**14,584,209**	**12,225,599**	**2,358,610**
Virginia	131	1,130,877	354,242	462,309	300,541	80,938	1,045,054	731,126	313,928
West Virginia	76	566,087	129,241	279,274	152,285	38,404	525,999	389,209	136,790
North Carolina	46	523,704	130,556	236,257	152,013	28,811	492,942	400,076	92,866
South Carolina	24	444,170	108,143	209,147	123,774	21,003	421,328	367,116	54,212
Georgia	50	1,028,755	320,781	369,931	327,955	54,927	967,830	806,145	161,685
Florida	61	1,231,606	239,045	619,187	356,941	75,000	1,151,711	950,751	200,960
Alabama	69	1,014,946	272,212	442,862	287,929	59,848	949,061	753,739	195,322
Mississippi	25	236,111	49,333	115,485	69,461	11,933	223,679	176,277	47,402
Louisiana	34	1,239,604	271,312	581,778	369,006	55,913	1,173,434	981,779	191,655
Texas	437	5,507,823	1,569,336	2,036,292	1,838,823	293,352	5,191,334	4,683,945	507,389
Arkansas	51	437,106	109,062	192,769	132,820	25,994	409,908	352,746	57,162
Kentucky	92	681,918	164,336	311,309	201,128	40,777	639,168	529,809	109,359
Tennessee	71	1,479,703	469,135	562,121	432,706	80,901	1,392,761	1,102,881	289,880
Middle Western	**1,275**	**23,314,288**	**5,464,198**	**11,495,145**	**6,167,731**	**1,356,061**	**21,850,993**	**16,188,206**	**5,662,787**
Ohio	241	3,625,255	873,645	1,824,664	888,799	225,364	3,385,925	2,339,911	1,046,014
Indiana	125	1,718,746	336,095	913,579	455,298	92,722	1,620,732	1,204,637	416,095
Illinois	381	9,134,363	2,161,148	4,460,498	2,450,654	550,410	8,540,960	6,547,180	1,993,780
Michigan	78	2,678,872	607,868	1,388,145	661,028	138,878	2,522,901	1,699,708	823,193
Wisconsin	95	1,488,791	275,227	843,853	356,205	86,485	1,396,538	896,667	499,871
Minnesota	178	2,121,184	533,487	983,427	585,415	126,424	1,979,662	1,469,600	510,062
Iowa	98	790,652	180,498	380,114	221,136	42,949	746,096	599,167	146,929
Missouri	79	1,756,425	496,230	700,865	546,196	92,829	1,658,179	1,431,336	226,843
Western	**742**	**5,512,157**	**1,252,937**	**2,595,009**	**1,628,899**	**290,470**	**5,200,252**	**4,527,514**	**672,738**
North Dakota	41	280,774	50,146	167,096	61,646	12,075	267,768	199,022	68,746
South Dakota	35	275,856	64,609	144,580	64,355	12,261	262,505	214,182	48,323
Nebraska	126	960,677	220,333	450,087	283,357	50,221	902,340	799,444	102,896
Kansas	174	954,199	234,633	432,556	281,481	47,589	904,464	825,199	79,265
Montana	39	304,970	56,364	164,895	81,086	12,773	291,300	241,549	49,751
Wyoming	26	184,395	36,044	91,953	55,362	9,368	174,559	143,836	30,723
Colorado	77	889,857	191,322	433,098	260,915	49,675	837,625	670,692	166,933
New Mexico	24	235,012	68,988	89,545	74,613	10,182	224,390	193,450	30,940
Oklahoma	200	1,426,417	330,498	621,199	466,084	86,326	1,335,301	1,240,140	95,161
Pacific	**187**	**14,578,444**	**5,179,580**	**5,967,186**	**3,236,209**	**738,636**	**13,705,112**	**8,652,276**	**5,052,836**
Washington	37	1,751,264	540,160	743,087	453,485	88,961	1,655,830	1,196,884	458,946
Oregon	22	1,259,288	335,985	609,059	294,678	68,375	1,183,547	846,480	337,067
California	94	10,450,733	3,925,509	4,146,802	2,229,358	531,423	9,805,137	5,794,520	4,010,617
Idaho	15	351,615	98,119	171,446	79,419	14,508	336,147	264,141	72,006
Utah	11	298,034	90,627	123,190	81,365	14,322	282,267	218,411	63,856
Nevada	5	144,250	42,904	72,491	27,321	7,488	135,809	88,125	47,684
Arizona	3	323,260	146,276	101,111	70,583	13,559	306,375	243,715	62,660
Alaska	4	32,315	6,568	14,036	11,480	1,884	30,426	23,116	7,310
Hawaii	1	218,693	58,972	118,792	37,911	11,150	207,134	99,229	107,905
Virgin Islands	1	4,009	1,082	2,201	679	367	3,619	1,862	1,757

[1] Includes reserves with Federal Reserve banks and cash items in process of collection.

Source: Treasury Department, Comptroller of the Currency, Annual Report and Abstract of Reports of Condition of National Banks.

No. 444.—National Banks—Number, Capital Stock, Capital Funds, Earnings and Expenses: 1929 to 1948

[**Money figures in thousands of dollars.** Figures for previous years published in Comptroller of Currency annual report for 1938, p. 115. See also *Historical Statistics*, series N 60–67]

Year ending Dec. 31	Number of banks	Capital stock (par value)[1]			Capital funds[1]	Gross earnings	Expenses[2]	Net current earnings	Net losses including depreciation (−) or net recoveries (+)[3]	Net profits before dividends	Dividends		Net profits before dividends	
		Total	Preferred	Common							On preferred stock	On common stock	Ratio to capital stock	Ratio to capital funds
												Cash / Stock		
													Percent	*Percent*
1929	7,408	1,650,574	----------	1,650,574	3,754,398	1,406,544	988,403	418,141	−126,197	291,944	----------	226,662 / 21,235	17 69	7.78
1930	7,038	1,724,028	----------	1,724,028	3,919,950	1,325,404	989,842	335,562	−177,151	158,411	----------	211,272 / 5,015	9.19	4 04
1931	6,373	1,680,780	----------	1,680,780	3,753,412	1,153,145	850,042	303,103	−357,653	[4] *54,550*	----------	193,196 / 827	[4] *3.25*	[4] *1 45*
1932	6,016	1,597,037	----------	1,597,037	3,323,536	1,000,226	750,210	250,016	−414,753	[4] *164,737*	----------	135,381 / ----------	[4] *10.32*	[4] *4.96*
1933	[5] 5,159	1,600,303	92,469	1,507,834	2,981,678	801,525	565,133	236,392	−522,508	[4] *286,116*	558	71,106 / 560	[4] *17.88*	[4] *9.60*
1934	[5] 5,467	1,709,043	349,470	1,359,573	2,982,008	808,776	557,667	251,109	−404,560	[4] *153,451*	10,103	80,915 / 1,207	[4] *8.98*	[4] *5.15*
1935	5,392	1,791,324	510,511	1,280,813	3,084,092	794,156	549,148	245,008	−86,517	158,491	18,862	94,377 / 4,409	8.85	5.14
1936	5,331	1,706,528	447,501	1,259,027	3,143,029	824,933	565,013	259,920	+53,906	313,826	18,166	101,850 / 16,019	18.39	9.98
1937	5,266	1,591,788	305,842	1,285,946	3,206,194	859,094	586,221	272,873	−44,852	228,021	11,532	110,231 / 26,572	14.32	7.11
1938	5,230	1,577,738	267,495	1,310,243	3,281,819	837,857	577,272	260,585	−61,936	198,649	9,378	113,347 / 19,795	12.59	6.05
1939	5,193	1,561,521	241,075	1,320,446	3,380,749	848,419	581,264	267,155	−15,579	251,576	8,911	122,267 / 8,309	16.11	7.44
1940	5,150	1,532,315	204,244	1,328,071	3,463,862	864,749	599,444	265,305	−23,840	241,465	8,175	125,174 / 12,009	15.76	6.97
1941	5,123	1,523,454	182,056	1,341,398	3,596,865	925,663	641,648	284,015	−14,720	269,295	7,816	124,805 / 14,965	17.68	7.49
1942	5,087	1,511,123	156,739	1,354,384	3,684,882	962,837	695,034	267,803	−24,460	243,343	6,683	121,177 / 8,944	16.10	6.60
1943	5,046	1,508,170	135,713	1,372,457	3,860,443	1,061,763	746,434	315,329	+35,128	350,457	6,158	125,357 / 41,378	23.24	9.08
1944	5,031	1,551,116	110,597	1,440,519	4,114,972	1,206,263	846,084	360,179	+51,665	411,844	5,296	139,012 / 33,900	26.55	10.01
1945	5,023	1,616,884	80,672	1,536,212	4,467,718	1,349,222	987,254	361,968	+128,165	490,133	4,131	151,525 / 77,308	30.31	10.97
1946	5,013	1,699,833	53,202	1,646,631	4,893,038	1,573,514	1,137,564	435,950	+58,948	494,898	2,427	167,702 / 28,165	29.11	10.11
1947	5,011	1,769,205	32,529	1,736,676	5,293,267	1,724,834	1,263,497	461,337	−8,354	452,983	1,372	182,147 / 23,450	25.60	8.56
1948	4,997	1,804,490	25,128	1,779,362	5,545,993	1,900,471	1,360,750	539,721	−115,964	423,757	1,304	192,603 / 36,691	23.48	7.64

[1] Averages of amounts from reports of conditions made in each year.
[2] Including income tax.
[3] Difference between "recoveries and profits" and "losses and charge-offs."
[4] Deficit.
[5] Licensed banks, i. e., those operating on an unrestricted basis.

Source: Treasury Department, Comptroller of the Currency; Annual Report.

No. 445.—National Banks—Loans and Securities, by Class, as of Dec. 31, 1930 to 1948

[In millions of dollars]

CLASS	1930	1935	1940	1945	1947	1948
Loans and discounts, total [1]	**14,369.4**	**7,508.8**	**10,027.8**	**13,948.0**	**21,480.5**	[2] **23,818.5**
Commercial and industrial loans, including open-market paper	([3])	([3])	4,318.4	5,681.8	11,061.4	11,564 2
Agricultural loans	([3])	([3])	729.0	707.2	830.7	1,448.3
Loans to brokers and dealers in securities	992.7	426.2	274.1	1,424.4	362.1	548.8
Other loans for the purpose of purchasing or carrying stocks, bonds, and other securities	([3])	([3])	369.4	1,994.1	635.9	495.3
Real estate loans:						
On farm land (including improvements)	301.7	209.0	234.1	193.2	320.9	338.6
On residential property (other than farm)	1,274.5	1,111.2	1,371.6	1,623.6	3,681.5	4,236.2
On other properties			491.5	389.7	857.3	989.3
Loans to banks	413.7	63.6	22.7	26.5	30.4	27.1
All other loans, including overdrafts	11,386.8	5,698.8	2,217.1	1,907.6	3,700.1	4,404 6
Less valuation reserves						*233.8*
Securities, total	**7,092.1**	**11,477.5**	**13,668.0**	**55,611.6**	**44,010.0**	**40,228.4**
U. S. Government direct obligations	2,654.8	6,554.8	7,658.5	51,460.0	38,819.3	34,977.4
Obligations guaranteed by U. S.		1,257.3	2,094.1	7 7	6 2	2.9
Obligations of States and political subdivisions	1,107.9	1,452.9	2,008.5	2,341.7	3,028.6	3,190 2
Other bonds, notes, and debentures	3,076.2	1,996.2	1,694.1	1,656.9	2,000 1	1,898 2
Corporate stocks	212.5	216.3	212.9	145.3	155.8	159 7
Claims, judgments, etc	40.7					

[1] Includes overdrafts.
[2] Net loans. Figures for various loan items are reported gross, i. e., before deduction of valuation reserves, and are not entirely comparable with prior years.
[3] Not available.

Source: Treasury Department, Comptroller of the Currency; Annual Report and Abstract of Reports of Condition of National Banks.

No. 446.—National Banks—Fiduciary Activities: 1930 to 1948

[Money figures, except averages, in millions of dollars]

ITEM	1930 (June 30)	1935 (June 30)	1940 (June 30)	1945 (Dec. 31)	1947 (Dec. 31)	1948 (Dec. 31)
Banks authorized to exercise fiduciary powers:						
Number, total	2,472	1,932	1,877	1,788	1,787	1,789
Number exercising powers	1,829	1,578	1,540	1,504	1,511	1,505
Number having authority but not exercising powers	643	354	337	284	276	284
Assets, total	23,529.1	22,543.5	32,307.2	76,015.8	73,657.8	73,520.7
Trusts, individual, total number	79,912	129,711	137,629	153,833	168,477	172,719
Living trusts	([1])	69,162	71,062	81,727	90.872	93,839
Court trusts	([1])	60,549	66,567	72,106	77,605	78,880
Trusts assets, individual, total value	4,473.0	9,251.3	9,345.4	15,764.8	19,434.8	20,420.4
Investments, total	3,705.9	8,342.0	7,492.5	12,031.8	15,449.5	16,354.0
Bonds	([1])	4,066.3	3,790.8	8,082.4	10,273.6	10,716.7
Stocks	([1])	2,442.4	2,310.1	2,823.1	3,645.5	3,935.3
Real-estate mortgages	([1])	663.9	518.6	336.5	613.3	704.6
Real estate	([1])	597.6	552.5	465.1	511.7	547.9
Miscellaneous	([1])	571.8	320.5	324.7	405.4	449.5
Deposits in savings banks	8.7	20.2				
Deposits in own banks	153.5	354.3	526.7	749.2	872.2	841.9
Deposits in other banks	15.8	8.3				
Other assets	589.1	526.5	1,326.2	2,983.8	3,113.0	3,224 5
Trusts, corporate, number	11,511	16,801	16,273	18,507	20,195	21,821
Bond issues outstanding, bank acting as trustee	11,803.7	11,605.1	9,317.7	8,195.1	9,442.8	11,009.7
Gross earnings of trust departments reporting fees	22.8	26.5	31.7	([1])	([1])	([1])
Average per trust [2]	$248	$184	$206	$236	$292	$305
Average per trust department [2]	$14,839	$18,723	$22,742	$28,504	$37,945	$41,112

[1] No data available.
[2] Based on earnings of banks reporting trust earnings.

Source: Treasury Department, Comptroller of the Currency; Annual Report.

No. 447.—Reconstruction Finance Corporation—Disbursements, Repayments and Other Reductions, and Outstanding Balances for Period Ending December 31, 1949

[In thousands. Includes lending activities of Federal National Mortgage Association, R. F. C. subsidiary]

Character of loan	1949 (Jan. 1–Dec. 31)		Outstanding balances, Dec. 31, 1949
	Disbursements	Repayments and other reductions	
Total	**$945,490**	**$333,197**	**$1,873,865**
Industrial and commercial enterprises	228,474	94,420	[1] 446,283
Business loans (including mining loans)	228,369	90,051	393,351
Direct loans	191,750	70,801	[1] 344,879
Immediate participations	24,944	9,565	26,215
Deferred participations:			
Blanket participations agreements	4,145	5,424	11,763
Small loan participations	3,309	2,690	4,670
Regular participations	4,220	1,572	5,823
National defense loans (including mining loans)	105	4,368	52,931
Direct loans	105	4,245	52,829
Immediate participations		38	66
Deferred participations		86	37
Housing construction and manufacture	31,002	5,321	34,583
Under Sec. 102—Housing Act of 1948	18,413	243	18,233
Under Sec. 4 (a) (1)—RFC Act, as amended	12,589	5,078	16,350
Railroads—loans and securities purchased	1,232	6,100	[2] 111,844
Financial institutions	3,000	17,518	114,391
Purchases of preferred stock, capital notes and debentures of banks and trust companies		17,204	105,915
Loans on preferred stock of insurance companies	3,000		8,310
Loans on preferred stock of banks and trust companies		3	138
Loans to banks and trust companies (including loans to receivers, etc., and assets of closed banks)		304	
Loans to mortgage loan companies		7	29
Political subdivisions of states and territories	7,060	111,386	29,177
Public agency loans (including national defense)	7,060	64,639	6,937
Drainage, levee and irrigation		1,492	11,829
Municipal securities purchased from FWA		45,255	10,411
Mortgages partially guaranteed by Veterans' Administration	419,540	14,059	547,093
Mortgages insured by Federal Housing Administration	252,673	37,740	403,914
Mortgage loans acquired from Defense Homes Corporation (less equity of U. S. Treasury of $12,540,000)		747	32,598
Catastrophe loans	2,510	801	4,745
Carrying and marketing or agricultural commodities		4	44
Loans to foreign governments		45,102	140,192
Loans to United Kingdom of Great Britain and Northern Ireland (less prepayments)		45,102	89,192
Republic of the Philippines			60,000

[1] Revised to include one mortgage note for $182,000, non-cash exchange of capital assets. $232,350,000 shown at 12-31-48 reduced by $8,902,000 and latter amount shown under new class—housing construction and manufacture.
[2] $20,961,000 securities reclassified under "Securities Accepted in Reorganization."

Source: Reconstruction Finance Corporation, records.

No. 448.—Estimated Savings of Individuals in Selected Media: 1920 to 1949

[In millions of dollars]

DEC. 31—	Total	Savings and loan assns.[1]	Life insurance companies [2]	Mutual savings banks [3]	Commercial banks [4]	Postal savings [5]	U. S. savings bonds [6]	Net increase during year
1920	23, 508	1, 741	5, 488	4, 806	10, 546	166	761	----------
1925	36, 580	3, 811	8, 592	7, 349	16, 314	138	376	3, 217
1929	47, 169	6, 237	12, 801	8, 797	19, 165	169	----------	1, 346
1930	48, 267	6, 296	13, 690	9, 384	18, 647	250	----------	1, 098
1933	41, 077	4, 750	14, 613	9, 506	10, 979	1, 229	----------	−1, 474
1935	45, 567	4, 254	17, 203	9, 829	12, 899	1, 229	153	2, 528
1939	55, 645	4, 060	23, 024	10, 481	14, 865	1, 315	1, 900	2, 738
1940	58, 998	4, 272	24, 663	10, 618	15, 403	1, 342	2, 700	3, 353
1941	63, 849	4, 652	26, 592	10, 490	15, 523	1, 392	5, 200	4, 851
1942	75, 080	4, 910	28, 734	10, 621	16, 056	1, 459	13, 300	11, 231
1943	94, 004	5, 494	31, 365	11, 707	19, 001	1, 837	24, 600	18, 924
1944	116, 226	6, 305	34, 212	13, 332	23, 871	2, 406	36, 100	22, 222
1945	135, 948	7, 365	37, 509	15, 332	29, 929	3, 013	42, 800	19, 722
1946	146, 700	8, 548	40, 713	16, 813	33, 447	3, 379	43, 800	10, 752
1947	155, 234	9, 753	43, 820	17, 744	34, 694	3, 523	45, 700	8, 534
1948	162, 400	10, 964	47, 139	18, 385	34, 970	3, 442	47, 500	7, 171
1949 (preliminary)	168, 730	12, 460	50, 000	19, 270	35, 100	3, 300	48, 600	6, 330

[1] Estimated private investments in savings and loan associations, including deposits and investment securities Excludes shares pledged against mortgage loans. Source: Home Loan Bank Board.

[2] Estimated accumulations in U. S. life insurance companies include reserves plus dividends left to accumulate, minus premium notes and policy loans. Source: Institute of Life Insurance.

[3] Deposits. Prior to 1938 data based on savings deposits in mutual savings banks as reported by Comptroller of Currency. All figures include a small percentage of Christmas savings and other special accounts in addition to regular deposits. Source: National Association of Mutual Savings Banks and Federal Deposit Insurance Corporation.

[4] Time deposits of individuals, partnerships and corporations. From 1920 to 1935, based on Comptroller of Currency figures as of June 30 for all national, state commercial and stock savings banks and trust companies. Interpolations as of December 31, prepared by Home Loan Bank Board. From 1936 to 1946, December 31 figures as reported by Comptroller of Currency and Federal Deposit Insurance Corporation. Source: Comptroller of the Currency, Federal Deposit Insurance Corporation and Home Loan Bank Board.

[5] Due depositors. Outstanding principal and accured interest on certificates of deposit, outstanding savings stamps and unclaimed deposits. Source: Post Office Department.

[6] Current redemption value of savings held by individuals at year-end—from 1920 to 1928, War Savings Securities; 1935 to date includes U. S. Savings Bonds, Series A-G. Source: U. S. Treasury Department.

Source: Housing and Home Finance Agency, Home Loan Bank Board.

No. 449.—Saving by Individuals in the United States: 1942 to 1949

[**In billions of dollars.** Includes unincorporated business savings of types specified but excludes corporate or Government saving. Current data are necessarily estimates and therefore subject to revision]

TYPE	1942	1943	1944	1945	1946	1947	1948	1949
Gross saving, total	+39.1	+47.2	+49.9	+47.4	+33.9	+36.4	+36.9	+37.5
Liquid saving, total	+29.8	+39.1	+41.6	+37.6	+12.9	+7.7	+4.3	+4.3
Currency and bank deposits	+11.0	+16.2	+17.5	+19.1	+10.6	+2.9	−1.3	−1.0
Savings and loan associations	+.3	+.6	+.8	+1.1	+1.2	+1.2	+1.2	+1.4
Insurance and pension reserves	+5.0	+6.8	+8.2	+8.6	+7.0	+7.1	+6.8	+6.0
Private insurance	+2.5	+2.8	+3.2	+3.5	+3.4	+3.7	+3.5	+3.8
Government insurance	+2.5	+3.9	+5.0	+5.1	+3.5	+3.4	+3.4	+2.2
Securities, total [1]	+10.4	+13.9	+15.1	+9.9	+.7	+3.8	+4.0	+3.8
U. S. savings bonds	+8.0	+11.1	+11.8	+6.9	+.9	+1.8	+2.1	+1.5
Other U. S. Government [2]	+2.4	+3.0	+3.9	+3.6	−.4	+.7	−1.0	+.1
State and local government	−.2	−.1	−.1	−.2	−.4	+.4	+1.0	+.8
Corporate and other	+.2	−.2	−.5	−.4	+.6	+1.0	+1.8	+1.4
Liquidation of mortgage debt [3]	−.1	+.4	+.1	−.2	−3.2	−4.1	−4.1	−3.5
Liquidation of debt not elsewhere classified [4]	+3.3	+1.3	−.2	−.8	−3.3	−3.3	−2.5	−2 3
Nonfarm dwellings [5]	+2.2	+1.3	+1.2	+1.4	+4.5	+6.8	+9.1	+8.8
Other durable consumers' goods [6]	+7.1	+6.8	+7.1	+8.5	+16.5	+22.0	+23.5	+24.4

[1] Does not include net purchases by brokers and dealers or other individuals financed by bank loans.

[2] Includes Armed Forces Leave bonds.

[3] Mortgage debt to institutions on one- to four-family nonfarm dwellings.

[4] Largely attributable to purchases of automobiles and other durable consumers' goods, although including some debt arising from purchases of consumption goods. Other segments of individuals' debt have been allocated to assets to which they pertain, viz., saving in savings and loan associations, insurance and securities.

[5] Construction of one- to four-family nonfarm dwellings less net acquisition of properties by nonindividuals. Also includes small amount of construction by nonprofit institutions.

[6] Consumer expenditures on durable goods as estimated by Department of Commerce.

Source: Securities and Exchange Commission; data are published quarterly in a special release and in the Statistical Bulletin.

No. 450.—Liquid Asset Holdings of Individuals and Businesses: 1939 to 1948

[In billions of dollars. Data estimated as of December]

TYPE OF HOLDER	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
Total [1]	69.0	74.7	85.4	116.2	156.4	195.9	227.5	231.5	237.0	238.8
Currency	5.8	6.6	8.9	13.1	18.0	22.6	25.5	25.7	25.4	24.7
Demand deposits [2]	20.9	24.6	27.9	36.8	47.1	53.1	60.2	64.6	66.2	64.6
Time deposits	26.3	26.9	26.9	27.7	32.0	39.0	47.7	53.0	55.2	56.1
Savings and loan shares [3]	4.0	4.2	4.5	4.8	5.4	6.2	7.2	8.4	9.6	10.8
U. S. Government Securities [4]	12.0	12.4	17.2	33.8	53.9	75.0	86.9	79.8	80.6	82.6
Business holdings, total	19.4	22.3	25.9	39.4	55.9	67.5	73.0	66.3	64.7	64.0
Currency	1.6	1.7	2.1	2.8	3.6	4.3	4.7	4.9	4.8	4.7
Demand deposits	12.5	15.5	16.6	21.7	28.9	31.3	33.7	33 5	33.9	33.8
Time deposits	2.0	2.0	2.0	2.1	2 3	2.7	3.1	3.4	3.5	3.5
Savings and loan shares	.1	.1	.1	.1	.2	.2	.2	.3	.3	.3
U. S. Government securities	3.2	3.0	5.1	12.7	20.9	29.0	31.3	24.2	22.2	21.7
Corporations, total	13.0	15.0	17.4	27.1	38.6	44.7	45.1	38.9	38.2	38.7
Currency	.7	.7	.8	.8	.9	.9	.9	1.0	1.0	1.0
Demand deposits	9.5	11.7	12.4	16.0	20.9	22.1	22.1	21.8	22 2	22.7
Time deposits	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
Savings and loan shares					.1	.1	.1	.1	.1	.1
U. S. Government securities	2.1	1.9	3.5	9.6	16.0	20.9	21.3	15.3	14.2	14.2
Financial corporations, total [5]	1.7	1.8	2.2	2.5	3.1	3.8	4.8	4.4	4.3	4.5
Demand deposits	1.1	1.2	1.3	1.2	1.3	1.5	2.0	2.1	2.2	2.2
Time deposits	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
U. S. Government securities	.5	.5	.8	1.2	1.7	2.2	2.7	2.2	2.0	2.2
Nonfinancial corporations, total	11.3	13.2	15.2	24.6	35.5	40.9	40.3	34.5	33.9	34.2
Currency	.7	.7	.8	.8	.9	.9	.9	1.0	1.0	1.0
Demand deposits	8.4	10.5	11.1	14.8	19.6	20.6	20.1	19.7	20.0	20.5
Time deposits	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
Savings and loan shares					.1	.1	.1	.1	.1	.1
U. S. Government securities	1.6	1.4	2.7	8.4	14.3	18.7	18.6	13.1	12.2	12.0
Unincorporated business, total	6.4	7.3	8.5	12.3	17.3	22.8	27.9	27.4	26.5	25.3
Currency	.9	1.0	1.3	2.0	2.7	3.4	3.8	3.9	3.8	3.7
Demand deposits	3.0	3.8	4.2	5.7	8.0	9.2	11.6	11.7	11.7	11.1
Time deposits	1.3	1.3	1.3	1.4	1.6	2.0	2.4	2.7	2.8	2.8
Savings and loan shares	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2
U. S. Government securities	1.1	1.1	1.6	3.1	4.9	8.1	10.0	8.9	8.0	7.5
Personal holdings, total	49.6	52.4	59.5	76.8	100.5	128.4	154.5	165.2	172.3	174.8
Currency	4.2	4.9	6.8	10.3	14 4	18.3	20.8	20.8	20 6	20.0
Demand deposits	8.4	9.1	11.3	15.1	18.2	21.8	26.5	31.1	32.3	30.8
Time deposits	24.3	24.9	24.9	25.6	29.7	36.3	44.6	49.6	51.7	52.6
Savings and loan shares	3.9	4.1	4.4	4.7	5.2	6.0	7.0	8.1	9.3	10.5
U. S. Government securities	8.8	9.4	12.1	21.1	33.0	46.0	55.6	55.6	58.4	60.9
Trust funds, total [6]	4.5	4.7	5.6	6.9	10.0	13.4	15.9	19.4	21.6	22.9
Demand deposits	1.2	1.3	1.4	1.2	1.3	1.4	1.6	1.7	1.6	1.6
Time deposits	.2	.3	.3	.2	.2	.2	.2	.3	.3	.5
Savings and loan shares				.1	.1	.1	.1	.2	.2	.2
U. S. Government securities	3.1	3.1	3.9	5.4	8.4	11.7	14.0	17.2	19.5	20.6
Other personal, total [7]	45.1	47.7	53.9	69.9	90.5	115.0	138.6	145.8	150.7	151.9
Currency	4.2	4.9	6.8	10.3	14.4	18.3	20.8	20.8	20.6	20.0
Demand deposits	7.2	7.8	9.9	13.9	16.9	20.4	24.9	29.4	30.7	29.2
Time deposits	24.1	24.6	24.6	25.4	29.5	36.1	44.4	49.3	51.4	52.1
Savings and loan shares	3.9	4.1	4.4	4.6	5.1	5.9	6.9	7.9	9.1	10.3
U. S. Government securities	5.7	6.3	8.2	15.7	24.6	34.3	41.6	38.4	38.9	40.3

[1] Excludes figures for banks, insurance companies, savings and loan associations, nonprofit associations, foreigners, and governmental bodies and agencies.

[2] Estimates of demand deposit balances as they would appear on the records of depositors. They differ from figures based on bank records such as given in regular banking statistics. Depositor-record estimates are lower than bank-record estimates; for example, total demand deposits as of Dec. 31, 1947 on a holder-record basis (see table) amounted to 66.0 billion dollars while on a bank-record basis these deposits amount to 80.2 billion.

[3] Private share capital in all operating savings and loan associations including private repurchasable shares, deposits, and investment certificates.

[4] Includes outstanding amounts of excess profits tax refund bonds beginning December 1945, as follows: December 1945, $1,128 million; June 1946, $58 million; December 1946, $29 million; December 1947, $12 million. Armed forces leave bonds included beginning December 1947. Amount outstanding at time was $767 million.

[5] Includes real estate companies, finance and credit companies, insurance agencies (not carriers), investment trusts, security brokers and dealers, holding companies not otherwise classified, etc.

[6] Includes only amounts administered by corporate trustees.

[7] Includes holdings of farmers and professional persons.

Source: Board of Governors of the Federal Reserve System. Published in Federal Reserve Bulletin, June 1948.

No. 451.—Postal Savings Business—Summary, as of June 30: 1930 to 1949

[Data include Alaska, Hawaii, Puerto Rico, and Virgin Islands. See also *Historical Statistics*, series N 109-113]

ITEM	1930	1935	1940	1945	1947	1948	1949
Depositories in operation, total	6,795	8,111	7,980	8,050	8,141	8,183	8,195
Offices	5,998	7,301	7,172	7,162	7,225	7,234	7,213
Branches and stations	797	810	808	888	916	949	982
Deposits ($1,000)	159,959	944,960	923,266	1,739,341	2,163,619	2,055,651	1,947,238
Withdrawals ($1,000)	138,332	938,017	892,149	1,113,902	1,890,502	2,069,295	2,048,965
Balance to credit of depositors, June 30 ($1,000)[1]	175,272	1,204,863	1,293,409	2,659,575	3,392,773	3,379,130	3,277,402
Increase:							
Amount ($1,000)	21,627	6,943	31,117	625,438	273,117	−13,643	−101,728
Percent	14.1	.6	2.5	30.7	8.8	− .4	−3.0
Number of depositors, June 30 [1]	466,401	2,598,391	2,816,408	3,921,937	4,196,517	4,111,373	3,964,509
Average principal per depositor	$376	$464	$459	$678	$808	$822	$827
Balance on deposit in banks, June 30 ($1,000)	148,255	384,510	43,132	7,904	5,561	6,472	6,680

[1] Includes account shown on balance sheet as unclaimed.

Source: Post Office Department, Office of the Postmaster General; Operations of the Postal Savings System.

No. 452.—Deposit Insurance—Number of Operating Banks and Branches by Insurance Status and Class of Bank: December 31, 1949

TYPE OF BANK OR OFFICE	All banks	COMMERCIAL AND STOCK SAVINGS BANKS AND NONDEPOSIT TRUST COMPANIES						MUTUAL SAVINGS BANKS	
		Total	Insured			Noninsured		Insured	Noninsured
			Members F. R. system		Not members F. R. system	Banks of deposit	Nondeposit trust companies		
			National	State					
United States and possessions	19,601	18,871	7,060	3,217	7,690	838	66	333	397
All banks	14,736	14,205	4,975	1,914	6,547	704	65	192	339
Unit banks	13,388	12,967	4,647	1,697	5,893	666	64	127	294
Banks operating branches	1,348	1,238	328	217	654	38	1	65	45
Branches	4,865	4,666	2,085	1,303	1,143	134	1	141	58
United States	19,466	18,736	7,060	3,217	7,679	719	61	333	397
All banks	14,687	14,156	4,975	1,914	6,540	667	60	192	339
Unit banks	13,350	12,929	4,647	1,697	5,889	637	59	127	294
Banks operating branches	1,337	1,227	328	217	651	30	1	65	45
Branches	4,779	4,580	2,085	1,303	1,139	52	1	141	58
Possessions	135	135	------	------	11	119	5	------	------
All banks	49	49	------	------	7	37	5	------	------
Unit banks	38	38	------	------	4	29	5	------	------
Banks operating branches	11	11	------	------	3	8	------	------	------
Branches	86	86	------	------	4	82	------	------	------

Source: Federal Deposit Insurance Corporation, Annual Report.

No. 453.—Bank Suspensions—Number of Banks and Amount of Deposits: 1864 to 1949

Banks closed either permanently or temporarily, on account of financial difficulties, by order of supervisory authorities or by directors of bank. See also, *Historical Statistics*, series N 135-147]

YEAR OR PERIOD	NUMBER OF BANKS					DEPOSITS (IN THOUSANDS OF DOLLARS)				
	Total	National	State member	Nonmember		Total	National	State member	Nonmember	
				Noninsured	Insured [1]				Noninsured	Insured [1]
1864-1880	409	76	333							
1881-1891	346	67	279							
1892-1900	[2] 1,174	226	521							
1901-1920	[2] 1,752	202	1,072							
1921-29	5,714	766	229	4,719		1,625,468	363,324	128,677	1,133,467	
1930-33	9,106	1,947	363	6,796		6,858,633	2,434,316	1,334,908	3,089,409	
1934-49	340	22	6	93	219	146,600	22,998	26,548	43,841	53,213
1941	8	4		1	3	3,726	3,144		79	503
1942	9			3	6	1,702			327	1,375
1943	4	2			2	6,223	4,982			1,241
1944	1				1	405				405
1945-46	0					0				
1947	1			1		167			167	
1948	0					0				
1949	4			4		2,443			2,443	

[1] Federal deposit insurance became operative Jan. 1, 1934.
[2] Includes 427 private banks for 1892-1900 and 478 for 1901-1920.

Source: 1864-1891, U. S. Treasury, Comptroller of Currency; Annual Report. Later data, Board of Governors of the Federal Reserve System; figures published currently in Federal Reserve Bulletin.

No. 454.—Federal Deposit Insurance Corporation—Disbursements to Protect Depositors, and Number and Deposits of Insured Banks Placed in Receivership or Merged: 1934 to 1948

CLASSIFICATION	DISBURSEMENT BY FDIC (THOUSANDS OF DOLLARS)[1]			NUMBER OF BANKS			DEPOSITS (THOUSANDS OF DOLLARS)		
	Total	Receiverships	Mergers	Total	Receiverships	Mergers	Total	Receiverships	Mergers
All banks, cumulative total	**266,976**	**87,039**	**179,937**	**407**	**245**	**162**	**522,678**	**109,603**	**413,075**
By class of bank:									
National banks	47,900	14,808	33,092	69	21	48	102,089	19,474	82,615
State banks, members F. R. system	101,238	20,934	80,304	22	6	16	187,623	26,550	161,073
Banks not members F. R. system	117,838	51,297	66,541	316	218	98	232,966	63,579	169,387
Calendar year:									
1934	941	941		9	9		1,968	1,968	
1935	8,890	6,025	2,865	25	24	1	13,320	9,091	4,229
1936	14,833	8,056	6,777	69	42	27	27,528	11,241	16,287
1937	19,202	12,045	7,157	75	50	25	33,345	14,960	18,385
1938	30,512	9,092	21,420	74	50	24	59,724	10,296	49,428
1939	67,804	26,196	41,608	60	32	28	157,790	32,751	125,039
1940	74,435	4,895	69,540	43	19	24	142,389	5,657	136,732
1941	23,888	12,278	11,610	15	8	7	29,721	14,730	14,991
1942	11,091	1,612	9,479	20	6	14	19,011	1,816	17,195
1943	7,250	5,500	1,750	5	4	1	12,535	6,637	5,898
1944	1,515	399	1,116	2	1	1	1,915	456	1,459
1945	1,874		1,874	1		1	5,695		5,695
1946	292		292	1		1	316		316
1947	1,759		1,759	5		5	6,966		6,966
1948	2,690		2,690	3		3	10,455		10,455
Banks with deposits of—									
$100,000 or less	4,955	4,308	647	106	83	23	6,358	4,947	1,411
$100,000 to $250,000	12,864	11,554	1,310	108	86	22	17,611	13,920	3,691
$250,000 to $500,000	14,634	10,218	4,416	59	36	23	20,972	12,462	8,510
$500,000 to $1,000,000	25,392	13,901	11,491	52	24	28	38,932	17,590	21,342
$1,000,000 to $2,000,000	28,537	8,961	19,576	39	9	30	56,693	11,748	44,945
$2,000,000 to $5,000,000	42,429	12,421	30,008	25	5	20	77,568	16,279	61,289
$5,000,000 to $10,000,000	23,602		23,602	10		10	65,407		65,407
$10,000,000 to $50,000,000	114,563	25,676	88,887	8	2	6	239,137	32,657	206,480

[1] Includes only principal disbursement; excludes expenses incident to transactions, greater part of which has been recovered.

Source: Federal Deposit Insurance Corporation, Annual Report.

No. 455.—Deposit Insurance—Number and Deposits of All Operating Banks, by Insurance Status and by States: Dec. 31, 1948

[**Deposits in millions of dollars.** Includes commercial and stock savings banks, nondeposit trust companies, and mutual savings banks]

STATE	NUMBER		DEPOSITS		STATE	NUMBER		DEPOSITS	
	Insured	Noninsured	Insured	Noninsured		Insured	Noninsured	Insured	Noninsured
Total	**13,612**	**1,141**	**153,454**	**8,587**	Nebraska	361	55	1,248	43
					Nevada	8		164	
Alabama	221	3	1,255	2	New Hampshire	57	52	207	327
Arizona	10	1	422	2	New Jersey	357	4	4,936	6
Arkansas	219	11	801	4	New Mexico	49		307	
California	191	12	13,137	51					
Colorado	138	8	1,095	7	New York	772	7	40,174	522
					North Carolina	225	2	1,801	27
Connecticut	101	87	1,307	1,463	North Dakota	145	6	502	95
Delaware	38	3	431	87	Ohio	656	13	7,332	14
Dist. of Columbia	19		1,020		Oklahoma	375	11	1,598	6
Florida	185	4	1,646	7					
Georgia	318	76	1,651	23	Oregon	70	2	1,337	8
					Pennsylvania	974	17	10,841	42
Idaho	46	1	429	9	Rhode Island	14	15	632	368
Illinois	870	17	11,775	40	South Carolina	129	20	660	25
Indiana	476	15	3,018	38	South Dakota	170		515	
Iowa	606	60	2,162	98					
Kansas	455	154	1,474	173	Tennessee	287	8	1,935	6
					Texas	839	59	6,255	132
Kentucky	360	26	1,586	27	Utah	55		564	
Louisiana	160	1	1,701	1	Vermont	76	1	328	
Maine	60	36	439	250	Virginia	314		1,795	
Maryland	163	9	1,523	395					
Massachusetts	180	198	3,861	3,310	Washington	121	3	2,074	16
					West Virginia	177	4	940	12
Michigan	418	29	4,847	137	Wisconsin	545	10	2,947	11
Minnesota	658	24	2,956	17	Wyoming	55		257	
Mississippi	201	4	808	9					
Missouri	570	29	4,145	25	Territories and possessions	6	44	41	753
Montana	112		577						

Source: Federal Deposit Insurance Corporation, Annual Report.

No. 456.—Insured Commercial Banks—Assets and Liabilities as of Dec. 31: 1943 to 1948

[**Money figures in millions of dollars**]

ITEM	1943	1944 [1]	1945	1946	1947	1948
Number of banks	13,274	13,268	13,302	13,359	13,403	13,419
Assets, total	**112,246**	**134,613**	**157,582**	**147,365**	**152,773**	**152,163**
Cash, balances with other banks, and cash items in process of collection	27,191	29,746	34,303	33,704	36,936	38,097
Securities, total	64,678	82,053	96,066	81,469	76,712	70,339
U. S. Government obligations, direct and guaranteed	58,693	75,896	88,933	73,575	67,960	61,407
Obligations of States and political subdivisions	3,288	3,424	3,875	4,301	5,131	5,511
Other securities	2,697	2,733	3,258	3,593	3,621	3,421
Loans, discounts, and overdrafts (including rediscounts)	18,844	21,355	25,769	30,740	37,592	41,979
Miscellaneous assets	1,533	1,459	1,444	1,452	1,533	1,748
Liabilities, total	**112,246**	**134,613**	**157,582**	**147,365**	**152,773**	**152,163**
Deposits, total	104,116	125,752	147,811	137,030	141,889	140,683
Demand deposits of individuals, partnerships, and corporations	58,346	64,149	72,606	79,903	83,738	81,699
Time deposits of individuals, partnerships, and corporations	18,572	23,363	29,295	32,761	33,963	34,262
U. S. Government	10,068	19,862	23,841	3,047	1,433	2,436
Other deposits	17,130	18,378	22,069	21,319	22,755	22,286
Miscellaneous liabilities	676	871	1,099	1,047	1,148	1,320
Capital, surplus, undivided profits, etc	7,454	7,990	8,672	9,288	9,736	10,160

[1] Dec. 30.

Source: Federal Deposit Insurance Corporation, Annual Report.

No. 457.—Federal Home Loan Banks—Principal Assets and Liabilities as of December 31: 1933 to 1949

[In thousands of dollars]

Federal home loan bank district	Total assets [1]	Principal assets			Principal liabilities and capital				
		Advances outstanding	Investments in Government securities (face amount)	Cash [1]	Member deposits	Consolidated obligations	Paid-in on capital stock		Surplus reserves and undivided profits
							Members	U. S. Government	
All banks:									
1933	95,558	85,442	2,311	7,218	392	----------	14,747	75,746	652
1934	109,992	86,602	14,345	8,460	1,926	----------	21,932	81,646	1,791
1935	128,816	102,686	18,564	6,954	4,063	----------	24,471	94,196	2,279
1936	174,462	145,227	9,476	19,183	10,746	----------	28,316	117,869	3,463
1937	261,272	200,038	32,407	27,610	12,566	77,700	34,834	124,741	5,204
1938	284,875	198,842	45,656	38,829	21,900	90,000	37,971	124,741	7,579
1939	262,823	181,313	49,479	30,305	29,617	48,500	40,978	124,741	9,619
1940	301,344	201,492	49,815	48,345	26,921	90,500	44,541	124,741	11,201
1941	319,300	219,446	62,775	35,336	29,826	90,500	48,815	124,741	12,976
1942	287,510	129,213	121,421	35,504	25,436	69,500	51,703	124,741	14,811
1943	294,476	110,068	151,275	31,785	29,534	64,300	57,577	124,741	16,664
1944	306,013	130,563	143,513	30,323	28,744	66,500	63,805	124,741	17,921
1945	342,710	194,872	117,177	28,572	45,697	68,500	73,658	124,510	21,049
1946	479,564	293,455	143,151	39,714	70,248	169,000	85,828	123,651	22,496
1947	624,189	435,572	136,558	48,204	87,835	261,700	103,078	122,672	24,124
1948	826,948	515,016	271,893	36,586	133,355	[2] 414,630	121,237	119,791	25,517
1949	**765,303**	**433,429**	**272,793**	**52,079**	**267,112**	**204,225**	**136,239**	**95,819**	**26,997**
Boston	54,259	27,859	24,260	1,734	13,484	16,000	10,848	10,000	1,923
New York	105,319	30,231	45,912	27,273	65,251	5,000	14,249	15,963	3,728
Pittsburgh	58,624	36,753	18,450	3,156	20,720	10,000	12,210	11,146	2,161
Winston-Salem	86,976	58,787	22,560	5,336	32,252	29,000	15,510	6,618	2,903
Cincinnati	69,079	27,056	37,814	3,577	34,565	6,000	18,957	5,000	3,129
Indianapolis	62,059	31,248	28,666	1,632	28,271	19,000	12,750	0	1,791
Chicago	87,498	61,248	24,050	1,932	23,851	30,000	14,357	12,000	2,830
Des Moines	42,816	23,525	17,445	310	9,230	17,225	9,742	3,299	1,826
Little Rock	36,709	22,921	11,540	2,069	3,228	17,500	5,352	8,773	1,610
Topeka	40,553	21,796	16,525	1,992	11,347	14,500	5,808	7,092	1,522
San Francisco	121,411	92,005	25,571	3,068	24,913	40,000	16,456	15,928	3,574

[1] Includes interbank deposits.
[2] Consolidated obligations less those held for retirement.

Source: Housing and Home Finance Agency, Home Loan Bank Board; records.

No. 458.—Federal Home Loan Bank System—Member Institutions: 1945 to 1949

[Money figures in thousands of dollars]

Item	1945	1946	1947	1948	1949 [1]
Member institutions as of Dec. 31:					
Number	3,697	3,698	3,705	3,769	3,860
Federal savings and loan associations	1,467	1,471	1,478	1,485	1,508
State-chartered savings and loan associations	2,191	2,190	2,192	2,248	2,314
Mutual savings banks	25	25	25	26	30
Life insurance companies	14	12	10	10	8
Assets	8,754,956	10,158,002	11,446,042	12,801,000	14,290,000
Federal savings and loan associations	3,923,501	4,671,503	5,459,640	6,165,000	7,107,000
State-chartered savings and loan associations	3,782,793	4,370,639	4,987,538	5,568,000	6,243,000
Mutual savings banks	594,015	644,879	673,736	703,000	810,000
Life insurance companies	454,647	470,981	325,128	365,000	130,000
Federal home loan bank loans to members:					
Advances made during year	277,748	329,232	351,079	359,613	255,662
Repayments during year	213,439	230,649	208,962	280,169	337,249
Advances outstanding Dec. 31	194,872	293,455	435,572	515,016	433,429

[1] Preliminary.

Source: Housing and Home Finance Agency, Home Loan Bank Board; records.

No. 459.—All Savings and Loan Associations—Total Number and Selected Financial Items: 1920 to 1949

[**Amounts in millions of dollars.** Data cover continental United States, Alaska, and Hawaii. See also *Historical Statistics*, series H 114 and H 128-132]

YEAR	Number of associations	Total assets	Mortgage loans	U. S. government and other securities	Savings capital-private	Mortgage pledged shares	FHLB advances and other borrowed money	General reserves and undivided profits	Mortgage loans made during year
1920	8,633	2,520	(1)	(1)	1,741	(1)	(1)	(1)	(1)
1922	10,009	3,343	3,009	(1)	2,210	541	(1)	(1)	862
1925	12,403	5,509	5,085	(1)	3,811	881	(1)	(1)	1,620
1930	11,777	8,829	7,760	(1)	6,296	1,358	(1)	(1)	1,262
1935	10,266	5,875	3,947	(1)	4,254	655	(1)	(1)	564
1940	7,184	5,672	4,374	105	4,272	290	233	457	1,200
1941	6,905	6,011	4,798	136	4,652	246	256	469	1,379
1942	6,540	6,109	4,783	344	4,910	227	153	496	1,051
1943	6,498	6,604	4,793	887	5,494	209	134	534	1,184
1944	6,279	7,458	4,983	1,703	6,305	183	199	572	1,454
1945	6,149	8,747	5,521	2,456	7,365	145	336	645	1,913
1946	6,093	10,202	7,276	2,047	8,548	135	402	751	3,584
1947	6,045	11,687	8,971	1,787	9,753	115	541	855	3,811
1948	6,011	13,028	10,409	1,525	10,964	104	590	969	3,607
1949	5,980	14,650	11,700	1,570	12,460	100	540	1,100	3,636

[1] Not available.

Source: Housing and Home Finance Agency, Home Loan Bank Board.

No. 460.—Building and Loan Associations—Failures: 1920 to 1948

[**Liabilities and estimated loss in thousands of dollars.** Liabilities not available prior to 1930. See also *Historical Statistics*, series H 133-135]

YEAR	Number failed	Liabilities	Estimated loss	YEAR	Number failed	Liabilities	Estimated loss
1920	2		1	1937	269	44,739	15,775
1925	26		500	1938	277	36,025	11,281
1928	23		568	1939	183	84,901	27,040
1929	159		2,313	1940	129	69,560	6,744
1930	190	80,438	24,676	1941	44	8,576	1,052
1931	126	61,909	22,328	1942	18	8,919	1,789
1932	122	52,818	20,337	1943	11	1,484	261
1933	88	215,517	43,955	1944	5	2,503	155
1934	68	34,728	10,174	1945-46	0	0	0
1935	239	31,946	15,782	1947	1	92	0
1936	144	20,316	9,052	1948	0	0	0

Source: United States Savings and Loan League, Chicago, Ill., Annual Statistical Report.

No. 461.—Federal Savings and Loan Insurance Corporation—Summary of Insured Institutions as of December: 1943 to 1949

[**Money figures in thousands of dollars**]

ITEM	1943	1944	1945	1946	1947	1948	1949
Number of associations	2,447	2,466	2,475	2,496	2,536	2,616	2,756
Total assets	4,182,728	5,012,662	6,148,230	7,318,604	8,547,297	9,733,723	11,304,868
Net first mortgages held	3,009,025	3,259,819	3,763,128	5,237,560	6,585,196	7,776,879	9,031,380
Private repurchasable capital	3,573,896	4,333,739	5,219,910	6,193,342	7,181,939	8,259,566	9,710,912
Government investments	69,693	37,701	23,366	16,305	8,582	6,093	1,952
Federal Home Loan Bank advances	100,340	123,466	185,210	272,904	391,705	453,558	390,342
Number of investors	4,645,600	4,022,900	4,383,800	4,860,351	5,415,000	6,122,000	7,076,000
Operations:							
New investments	1,150,731	1,484,420	1,876,969	2,568,992	2,787,082	3,217,139	3,687,942
Private repurchases	623,722	754,929	1,005,719	1,612,645	1,816,299	2,241,612	2,424,639
New mortgage loans	835,116	1,085,322	1,448,817	2,798,878	2,864,846	2,754,577	2,886,670

Source: Housing and Home Finance Agency, Home Loan Bank Board.

No. 462.—All Savings and Loan Associations—Total Number and Selected Financial Items by States and for Alaska and Hawaii: Dec. 31, 1948

[Amounts in thousands of dollars]

District and state	Number of associations	Total assets	Mortgage loans	U. S. Government and other securities	Savings capital—total	FHLB advances and other borrowed money	General reserves and undivided profits
United States	**6,011**	**13,027,552**	**10,409,143**	**1,525,538**	**10,968,553**	**590,190**	**969,231**
No. 1 Boston	**336**	**1,179,162**	**962,989**	**135,675**	**983,266**	**35,660**	**97,898**
Connecticut	49	174,953	147,235	16,487	147,255	10,631	10,259
Maine	35	39,345	34,848	2,604	29,800	2,838	5,090
Massachusetts	206	817,024	653,234	105,430	679,846	17,999	70,135
New Hampshire	27	41,192	38,064	1,157	32,960	3,201	3,688
Rhode Island	9	92,236	77,395	8,480	80,913	675	7,514
Vermont	10	14,412	12,213	1,517	12,492	316	1,212
No. 2 New York	**734**	**1,664,381**	**1,286,867**	**238,197**	**1,452,442**	**53,204**	**109,911**
New Jersey	498	516,716	391,433	71,786	450,863	17,589	36,544
New York	236	1,147,665	895,434	166,411	1,001,579	35,615	73,367
No. 3 Pittsburgh	**976**	**937,421**	**803,236**	**60,915**	**769,915**	**51,987**	**70,006**
Delaware	39	21,621	19,242	732	16,001	1,667	793
Pennsylvania	899	864,816	740,724	56,086	713,031	45,626	64,745
West Virginia	38	50,984	43,270	4,097	40,883	4,694	4,468
No. 4 Winston-Salem	**871**	**1,625,436**	**1,417,595**	**95,234**	**1,336,639**	**111,009**	**126,837**
Alabama	26	49,371	41,377	3,242	44,474	1,012	3,301
District of Columbia	28	341,382	312,398	8,870	280,334	20,276	31,264
Florida	54	270,596	221,081	22,952	222,479	22,247	17,466
Georgia	68	177,046	156,039	9,048	154,115	8,084	10,564
Maryland	374	309,272	269,761	17,461	239,710	27,186	28,986
North Carolina	176	250,992	218,473	19,555	210,558	14,552	17,076
South Carolina	70	96,721	83,636	7,346	81,904	6,540	6,530
Virginia	75	130,056	114,830	6,760	103,065	11,112	11,650
No. 5 Cincinnati	**776**	**2,145,343**	**1,555,504**	**376,574**	**1,859,635**	**43,212**	**175,371**
Kentucky	123	215,990	177,816	25,810	183,493	8,328	16,097
Ohio	615	1,815,019	1,285,435	337,837	1,576,935	27,914	153,109
Tennessee	38	114,334	92,253	12,927	99,207	6,970	6,165
No. 6 Indianapolis	**306**	**744,995**	**548,437**	**111,931**	**636,452**	**37,194**	**58,513**
Indiana	235	448,018	325,926	79,571	385,559	20,256	35,814
Michigan	71	296,977	222,511	32,360	250,893	16,938	22,699
No. 7 Chicago	**737**	**1,318,905**	**1,066,089**	**144,094**	**1,079,008**	**71,264**	**97,158**
Illinois	584	1,036,943	827,134	120,640	849,886	57,751	73,252
Wisconsin	153	281,962	238,955	23,454	229,122	13,513	23,906
No. 8 Des Moines	**345**	**734,716**	**590,468**	**88,188**	**642,127**	**34,184**	**40,832**
Iowa	89	144,303	117,518	14,317	125,906	6,335	8,506
Minnesota	71	287,274	216,120	52,355	258,933	8,286	13,073
Missouri	156	256,798	222,312	14,008	215,809	17,904	16,747
North Dakota	16	36,347	27,040	6,158	33,030	854	1,944
South Dakota	13	9,994	7,478	1,350	8,449	805	562
No. 9 Little Rock	**310**	**569,312**	**490,571**	**40,578**	**470,512**	**37,412**	**44,696**
Arkansas	42	48,136	42,695	2,712	40,249	3,107	3,696
Louisiana	75	189,544	166,489	13,286	148,714	17,002	18,000
Mississippi	32	33,345	29,890	1,495	28,770	1,806	2,345
New Mexico	19	22,627	19,632	959	18,934	1,277	1,628
Texas	142	275,660	231,865	22,126	233,845	14,220	19,027
No. 10 Topeka	**275**	**527,241**	**424,742**	**59,243**	**441,958**	**18,800**	**44,307**
Colorado	51	104,685	81,960	13,524	86,816	3,499	8,627
Kansas	106	150,271	126,043	11,435	122,317	9,667	11,133
Nebraska	57	107,321	75,936	24,344	88,470	1,553	11,384
Oklahoma	61	164,964	140,803	9,940	144,355	4,081	13,163
No. 11 San Francisco	**345**	**1,580,640**	**1,262,645**	**174,909**	**1,296,599**	**96,264**	**103,702**
Arizona	5	27,433	23,794	604	21,408	3,065	1,840
California	182	1,032,863	869,989	79,307	826,960	72,708	67,294
Idaho	11	31,019	24,895	3,657	26,363	1,875	1,995
Montana	19	25,271	18,557	4,884	22,414	477	1,846
Nevada	2	4,245	3,762	252	3,805	48	210
Oregon	27	104,847	79,048	13,165	86,403	10,021	4,300
Utah	19	65,610	48,658	9,679	54,049	1,553	5,836
Washington	62	252,448	163,205	59,705	224,339	4,074	17,683
Wyoming	10	15,027	11,560	2,227	12,805	618	1,041
Alaska	1	1,302	852	350	1,046	165	59
Hawaii	7	20,575	18,325	1,079	17,007	1,660	1,598

Source: Housing and Home Finance Agency, Home Loan Bank Board.

No. 463.—Mortgage Loans on One- to Four-Family Nonfarm Homes, Estimated Balance Outstanding: 1937 to 1948

[In millions of dollars]

TYPE OF MORTGAGEE	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948 (prel.)
Total	**16,827**	**17,073**	**17,608**	**18,400**	**19,400**	**19,219**	**18,781**	**18,778**	**19,208**	**23,569**	**28,570**	**33,355**
Savings and loan associations	3,420	3,555	3,758	4,084	4,552	4,556	4,584	4,799	5,376	7,140	8,856	10,300
Insurance companies	1,246	1,320	1,490	1,758	1,976	2,255	2,410	2,458	2,258	2,570	3,459	4,900
Mutual savings banks	2,111	2,119	2,128	2,162	2,189	2,128	2,033	1,937	1,894	2,033	2,237	2,590
Commercial banks	1,472	1,580	1,754	1,930	2,316	2,363	2,316	2,293	2,428	3,690	4,982	5,700
Home Owners' Loan Corporation	2,398	2,169	2,038	1,956	1,777	1,567	1,338	1,091	852	636	486	365
Individuals and others [1]	6,180	6,330	6,440	6,510	6,590	6,350	6,100	6,200	6,400	7,500	8,550	9,500

[1] Includes fiduciaries, trust departments of commercial banks, real-estate and bond companies, philanthropic and educational institutions, fraternal organizations, construction companies, Federal National Mortgage Association, RFC Mortgage Company, etc.

Source: Housing and Home Finance Agency, Home Loan Bank Board; Annual Report.

No. 464.—Nonfarm Mortgages Recorded—Number and Amount, by Type of Mortgagee, for Continental United States: 1939 to 1949

[Amounts in thousands of dollars. Estimates based on mortgage recordings of $20,000 or less in more than 500 counties and similar political subdivisions, which contain about three-fifths of total nonfarm population. No data available prior to January 1939]

PERIOD	Total	Savings and loan associations	Insurance companies	Commercial banks	Mutual savings banks	Individuals	Other mortgagees
NUMBER							
1939	1,288,032	428,955	56,582	278,200	39,442	317,961	166,892
1940	1,455,865	502,949	67,929	316,334	45,077	339,543	184,033
1941	1,628,407	544,463	81,801	352,407	55,737	395,556	198,443
1942	1,351,290	424,709	75,726	268,158	43,734	356,511	182,452
1943	1,273,993	423,355	56,524	220,121	38,554	376,049	159,390
1944	1,445,616	496,357	51,130	249,206	42,031	445,952	160,940
1945	1,638,557	574,816	47,477	299,035	51,647	498,698	166,884
1946	2,497,122	827,129	86,065	589,292	101,153	625,260	268,223
1947	2,566,632	799,207	135,105	616,672	105,771	592,194	317,683
1948	2,534,702	765,505	156,290	552,938	123,031	613,361	323,577
1949	2,487,521	761,870	159,815	506,719	126,848	574,430	357,839
AMOUNT							
1939	3,506,563	1,058,206	287,204	890,590	142,849	588,430	539,284
1940	4,031,368	1,283,628	333,724	1,005,893	169,907	640,350	597,866
1941	4,731,960	1,489,909	403,684	1,165,501	218,428	783,177	671,261
1942	3,942,613	1,170,546	361,743	885,803	165,581	732,697	626,243
1943	3,861,401	1,237,505	279,866	752,543	152,054	857,681	581,752
1944	4,605,931	1,559,850	257,070	878,272	165,065	1,130,718	614,956
1945	5,649,819	2,017,066	249,849	1,097,039	216,981	1,402,487	666,397
1946	10,589,168	3,483,173	502,746	2,711,888	547,870	2,043,791	1,299,700
1947	11,728,677	3,650,249	847,129	3,003,794	596,481	2,008,208	1,622,816
1948	11,882,114	3,628,818	1,016,211	2,663,560	744,769	2,149,477	1,679,279
1949	11,828,001	3,646,196	1,046,068	2,445,722	749,697	2,038,593	1,901,725

No. 465.—Index of Estimated Number of Nonfarm Real Estate Foreclosures for Continental United States: 1939 to 1949

[1935–1939=100. Adjusted for seasonal variation]

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1939	67.6	69.7	68.6	68.3	70.9	65.8	65.9	64.7	61.4	55.5	56.4	53.2	64.0
1940	52.2	48.8	47.8	48.5	51.2	48.7	48.7	49.3	47.0	49.7	43.5	42.6	48.2
1941	43.6	42.5	42.4	41.7	38.8	36.3	37.7	34.4	33.5	34.0	31.3	32.1	37.3
1942	31.9	30.7	28.8	29.1	27.5	27.7	27.7	24.5	24.9	24.5	22.5	21.7	26.8
1943	20.6	18.4	17.2	18.2	16.9	15.9	15.8	15.0	15.3	13.4	13.6	13.4	16.1
1944	11.5	13.4	12.4	9.9	10.9	11.1	10.2	9.8	10.9	9.9	10.7	10.5	10.9
1945	8.1	9.6	9.5	8.0	8.0	9.0	7.4	7.6	7.4	7.5	8.0	7.1	8.1
1946	7.7	7.0	7.4	6.9	6.5	5.9	5.8	6.1	5.9	6.2	7.7	6.8	6.7
1947	6.8	7.0	7.4	6.5	6.6	7.0	6.9	6.9	6.6	6.6	5.8	6.7	6.7
1948	7.5	7.6	8.1	7.8	7.4	8.3	8.8	8.4	8.9	8.9	8.6	9.2	8.3
1949	9.4	9.7	10.3	9.7	9.7	10.9	11.8	12.8	11.9	12.8	11.8	13.8	11.2

Source of tables 464 and 465: Housing and Home Finance Agency, Home Loan Bank Board.

No. 466.—Farm Credit—Non-Real Estate Agricultural Loans and Discounts, by Type of Lender: 1930 to 1949

[**In thousands of dollars.** Continental United States only. Farmers Home Administration succeeded Farm Security Administration on Nov. 1, 1946; it took over from Farm Credit Administration for liquidation the emergency crop and feed loans, including those for drought-relief and orchard rehabilitation, on that date and loans of the regional agricultural credit corporations, on April 16, 1949. See also *Historical Statistics*, series E 258, E 261–266]

ITEM	1930	1935	1940	1945	1947	1948	1949
Commercial banks:							
Agricultural loans outstanding, Jan. 1 [1]	2,490,742	840,887	1,134,573	1,377,405	1,333,048	1,660,930	2,861,174
Federal intermediate credit banks: [2]							
Loans to and discounts for—							
Private financing institutions:							
Made during year [3]	103,906	116,137	87,315	73,039	107,546	157,611	154,635
Outstanding, Jan. 1	47,283	55,083	32,316	[4] 29,966	31,701	37,916	55,750
Cooperative associations:							
Made during year [3]	109,927	41,011	4,593	4,032	14,128	13,639	9,900
Outstanding, Jan. 1	26,073	33,969	1,835	700	4,151	4,000	4,709
Banks for cooperatives:							
Made during year [3]	----------	9,503	31,601	93,482	134,555	162,115	201,421
Outstanding, Jan. 1	----------	----------	17,560	[4] 65,002	41,538	44,534	66,131
Production credit associations:							
Loans made during year [3]	----------	194,959	347,145	509,579	747,967	915,812	946,440
Loans outstanding, Jan. 1 [5]	----------	60,459	153,425	188,306	230,022	289,078	366,824
Regional agricultural credit corporations:							
Loans made during year [3]	----------	90,655	4,804	9,646	77	77	[6] 130
Loans outstanding, Jan. 1	----------	87,087	8,005	12,195	2,560	1,862	1,522
Farmers Home Administration:							
Loans made during year	[7] 5,340	[7] 96,382	114,389	88,010	93,677	86,309	109,412
Loans outstanding, Jan 1	[7 8] 8,946	[7] 111,238	416,968	467,370	412,143	381,414	352,634
Rural Electrification Administration:							
Loans made during year [9]	----------	10	69,237	57,008	225,349	284,148	----------
Loans outstanding, Jan 1 [10]	----------	----------	183,243	360,424	527,404	733,789	998,317
Commodity Credit Corporation:							
Loans outstanding, Jan. 1 [11]	----------	37,162	235,038	148,222	7,891	179,810	589,757

[1] All active banks. Includes loans guaranteed by Commodity Credit Corporation.
[2] Excludes loans to production credit associations
[3] Includes renewals.
[4] Includes loans guaranteed by Commodity Credit Corporation.
[5] Includes loans of associations in liquidation. Excludes loans subject to repurchase agreement with Commodity Credit Corporation.
[6] No new loans made after April 15, 1949.
[7] Includes only emergency crop, feed, and drought-relief loans made by Farm Credit Administration and its predecessors.
[8] July 1.
[9] Net advances after deducting unused loan funds.
[10] Cumulative net advances minus principal repayments.
[11] Includes loans made in first instance by Commodity Credit Corporation and guaranteed loans purchased from banks and other lending agencies.

Source: Department of Agriculture, Bureau of Agricultural Economics; Agricultural Finance Review.

No. 467.—Farm Credit—Farm Mortgage Loans Held by Principal Lender Groups, Loans Closed, and Interest Payable: 1930 to 1949

[In thousands of dollars except where noted. Continental United States only. Loans held by Federal Farm Mortgage Corporation were made by Land Bank Commissioner: authority to make new loans expired July 1, 1947. Farmers Home Administration succeeded Farm Security Administration on Nov. 1, 1946. Joint-stock land banks have been in liquidation since May 12, 1933; includes banks in receivership. See also *Historical Statistics*, series E 244-255]

ITEM	1930	1935	1940	1945	1947	1948	1949
Total debt outstanding, Jan. 1	**9,630,768**	**7,584,459**	**6,586,399**	**4,932,942**	**4,777,355**	**4,881,744**	**5,108,183**
Federal land banks and Federal Farm Mortgage Corporation [1]	1,201,732	2,564,179	2,723,110	1,556,983	1,123,369	995,999	946,076
Life insurance companies [1]	2,118,439	1,301,562	984,290	933,723	890,161	936,730	1,035,719
Commercial banks [2]	997,468	498,842	534,170	449,582	683,229	793,476	847,841
Farmers Home Administration			31,927	193,377	189,300	195,069	188,893
Joint-stock land banks [1]	637,789	277,020	91,726	5,455	1,641	645	462
Individuals and others	4,675,340	2,942,856	2,221,176	1,793,822	1,889,655	1,959,825	2,089,192
LOANS CLOSED BY							
Federal land banks and Federal Farm Mortgage Corporation	47,146	443,479	100,317	120,581	147,627	148,591	180,643
Joint-stock land banks	5,236	275	123	14			
INTEREST PAYABLE							
Interest rates on mortgage loans recorded (percent)	6.4	5.4	(3)	[4] 4.7	[4] 4.5	(3)	[4] 4.7
Interest rates on mortgage loans outstanding, Jan 1 (percent) [5]	6.0	5.5	4.6	4.5	4.6	4.6	4.6
Interest charges [6]	569,756	396,092	293,091	220,113	221,542	229,284	[7] 242,000
Index of interest charges per acre (1910-14=100)	206	135	98	69	70	72	[7] 76

[1] Includes purchase-money mortgages and sales contracts in addition to regular mortgages.
[2] For 1935-49, includes insured commercial banks; prior to 1935, open State and national banks.
[3] Not available.
[4] Average of rates on mortgages recorded during month of March only.
[5] Average contract rates, except for temporarily reduced rates on outstanding loans of Federal land banks, 1935 and 1940, and Federal Farm Mortgage Corporation, 1940 and 1945.
[6] Payable during calendar year on outstanding loans. Excludes amounts paid by Secretary of Treasury to Federal land banks, 1935 and 1940, and Federal Farm Mortgage Corporation, 1940 and 1945, as reimbursement for interest reductions granted borrowers.
[7] Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; Agricultural Finance Review.

No. 468.—Federal Land Banks—Principal Assets and Liabilities as of Dec. 31: 1939 to 1949

[In thousands of dollars]

DECEMBER 31—	ASSETS				LIABILITIES				
	Total assets	Mortgage loans [1]	U. S. Govt. obligations, direct and fully guaranteed	Cash on hand and in banks	Farm loan bonds outstanding [2]	Capital stock		Paid-in surplus, U. S. Govt.	Reserve and undivided profits [4]
						Owned by U. S. Govt.	Other [3]		
1939	2,300,172	1,896,213	88,874	37,184	1,742,835	125,000	111,476	187,875	91,538
1940	2,219,819	1,842,619	82,509	34,854	1,719,187	67,402	110,538	145,226	105,332
1941	2,193,018	1,758,430	166,861	36,564	1,704,803	67,517	107,554	145,373	116,990
1942	2,086,397	1,599,275	258,123	42,693	1,532,618	117,176	100,330	146,086	127,581
1943	1,901,061	1,355,757	398,416	30,842	1,361,802	120,260	87,999	142,022	128,919
1944	1,441,484	1,135,150	220,149	24,821	845,167	118,941	75,696	123,874	141,579
1945	1,231,881	1,025,950	144,725	33,935	630,975	117,790	68,106	50,252	162,061
1946	1,114,105	943,133	135,848	26,658	706,127	39,879	61,917	36,924	178,582
1947	990,409	868,290	104,249	21,217	661,573		56,955		195,501
1948	970,443	855,347	102,313	19,173	646,924		55,918		201,256
1949	1,011,251	897,704	106,303	18,537	715,702		57,886		205,928

[1] Less payments on principal and principal of delinquent and extended installments; before deductions for reserves.
[2] Unmatured.
[3] Owned by national farm-loan associations and individual borrowers.
[4] Not including special reserves set up against particular assets. Includes earned surplus.

Source: Department of Agriculture, Farm Credit Administration; Annual Report, and records.

No. 469.—Farm Credit Administration—Loans and Discounts Made and Outstanding: 1932 to 1949

[In thousands of dollars]

Year	Farm mortgage loans by—		Loans to cooperatives by—			Federal intermediate credit banks, loans to, and discounts for [1]—		Production credit associations [4]	Regional agricultural credit corporations [1]
	Federal land banks	Land Bank Commissioner	Federal intermediate credit banks (direct) [1]	Banks for cooperatives, including central bank [2]	Agricultural Marketing Act revolving fund [1]	Prod. credit assoc'ns, reg'l agric. credit corp'ns, banks for co-ops [3]	Private financing institutions		
Made during year—									
Cumulative to Dec. 31, 1932	1,725,240	----------	815,423	----------	369,479	----------	819,230	----------	24,597
1933	151,634	70,812	27,910	27,144	40,687	109,746	141,017	27	223,116
1934	730,367	553,136	57,369	40,371	9,555	223,597	124,949	107,216	140,589
1935	248,671	196,395	44,509	66,348	7,402	252,738	116,909	196,306	90,655
1936	109,170	77,258	3,755	81,294	20,449	271,700	106,206	228,090	34,667
1937	63,092	40,020	5,129	97,584	5,935	342,979	101,458	286,520	18,603
1938	51,418	29,395	2,668	94,946	7,911	370,888	90,466	302,153	5,718
1939	51,582	27,417	4,156	83,360	1,214	381,222	86,558	320,483	4,664
1940	64,275	36,664	4,593	101,231	3,094	419,072	88,593	349,383	4,804
1941	65,068	37,533	5,651	181,569	3,990	539,297	102,261	418,196	6,759
1942	53,974	28,534	9,397	252,379	5,017	696,522	110,078	477,715	7,759
1943	61,900	30,497	5,000	398,581	1,417	827,474	94,962	501,212	73,254
1944	70,275	35,017	3,402	363,637	809	792,462	81,744	490,477	15,665
1945	92,986	29,462	4,032	333,702	660	759,937	74,491	516,116	9,646
1946	130,162	15,035	11,579	399,769	975	922,816	88,092	614,613	1,470
1947	138,764	10,606	14,128	530,248	1,400	1,126,163	112,832	757,611	77
1948	150,514	[5] 17	13,639	494,678	1,000	1,366,734	165,710	924,314	77
1949	182,357	[5] 19	9,900	382,617	700	1,416,948	162,593	955,930	[6] 130
Outstanding Dec. 31—									
1932	1,128,564	----------	9,865	----------	158,885	----------	82,518	----------	24,373
1933	1,232,707	70,738	15,211	18,697	157,752	73,263	60,989	27	144,636
1934	1,915,792	616,825	33,969	27,851	54,863	99,675	55,672	60,852	87,102
1935	2,071,925	794,726	2,731	50,013	44,433	104,706	47,162	93,910	43,400
1936	2,064,158	836,779	1,641	69,647	53,754	129,872	41,017	105,089	25,288
1937	2,035,307	812,749	1,813	87,633	30,982	165,194	40,464	137,349	15,592
1938	1,982,224	752,851	920	87,496	23,723	168,392	33,545	145,478	11,081
1939	1,904,655	690,880	1,835	76,252	20,547	165,236	33,354	153,674	8,005
1940	1,851,218	648,296	1,490	74,741	16,461	186,933	34,102	171,866	5,855
1941	1,764,398	596,802	2,152	113,444	16,914	226,017	39,222	187,497	5,531
1942	1,602,846	512,197	2,000	144,644	12,551	272,964	39,059	184,662	3,991
1943	1,357,937	406,190	2,000	235,174	7,351	308,671	35,778	198,734	32,047
1944	1,136,928	329,700	700	212,835	3,067	267,135	31,197	191,684	12,195
1945	1,027,587	228,397	2,042	157,545	2,693	241,879	27,870	198,886	6,151
1946	944,421	140,127	4,151	181,550	2,232	276,461	34,244	233,907	2,560
1947	869,425	103,195	4,000	274,777	2,603	334,087	42,909	293,608	1,862
1948	856,573	75,237	4,709	304,684	1,315	425,468	61,465	371,825	1,522
1949	899,475	56,726	2,400	301,887	1,365	423,038	57,941	392,780	[7] 1,487

[1] Includes renewals.
[2] Excludes advances in connection with Commodity Credit Corporation programs.
[3] Duplicates amount of credit extended and outstanding for the 3 agencies concerned.
[4] Excludes data for associations placed in liquidation.
[5] Represents refinancing of existing commissioner loans; lending authority of Land Bank Commissioner expired July 1, 1947.
[6] Through Apr. 15, 1949. In accordance with Public Law 38, 81st Congress, the Regional Agricultural Credit Corporation of Washington, D. C., was dissolved and, as of Apr. 16, 1949, its assets were transferred to the Farmers Home Administration.
[7] As of Apr. 15, 1947. See note 6.

Source: Department of Agriculture, Farm Credit Administration; Annual Report, Semiannual Report on Loans and Discounts, and records.

No. 470.—Farm Credit Administration—Loans and Discounts Made During Year Ending Dec. 31, 1949

[In thousands of dollars]

District and state	Farm mortgage loans by—		Loans to cooperatives by—			Federal intermediate credit banks, loans to and discounts for [2]—		Production credit associations [2]
	Federal land banks	Land Bank Commissioner [1]	Federal intermediate credit banks (direct) [2]	Banks for cooperatives including central bank [3]	Agricultural Marketing Act revolving fund [2]	Prod. credit assoc'ns and banks for coops [4]	Private financing institutions	
Total	**182,357**	**19**	**9,900**	**382,617**	**700**	**[5] 1,416,948**	**162,593**	**955,930**
District No. 1	**7,725**		**7,500**	**50,305**		**70,794**	**1,494**	**55,801**
Maine	402			15,979		6,516	203	4,376
New Hampshire	243					920		909
Vermont	1,030			410		7,005	321	6,418
Massachusetts	703			22,972		5,954	590	3,031
Rhode Island	114					650		577
Connecticut	452			1,986		5,508		4,093
New York	3,642		7,500	8,614		36,861	91	30,707
New Jersey	1,139			344		7,380	289	5,690
District No. 2	**6,565**			**19,294**		**52,984**	**8,070**	**49,186**
Pennsylvania	2,098			6,018		15,748		15,381
Delaware	181					1,782		1,786
Maryland	771			969		10,766		10,490
Virginia	1,223			9,507		10,742	112	9,795
West Virginia	559			34		2,518		2,244
Puerto Rico	1,733			2,766		11,428	7,958	9,490
District No. 3	**11,056**			**37,879**		**103,024**	**1,140**	**78,326**
North Carolina	3,186			2,426		31,749	484	24,847
South Carolina	2,261			83		20,964	55	14,359
Georgia	3,964			15,457		32,404		24,870
Florida	1,645			19,913		17,907	601	14,250
District No. 4	**13,830**			**42,801**		**125,989**	**6,396**	**96,001**
Ohio	4,104			7,948		39,005	3,033	32,789
Indiana	5,034			22,054		43,389	1,561	35,373
Kentucky	2,425			906		24,057	64	15,154
Tennessee	2,267			11,893		19,538	1,738	12,685
District No. 5	**11,257**			**19,450**		**70,118**	**21,289**	**66,588**
Alabama	4,649			822		13,454	1,082	12,993
Mississippi	4,594			3,791		34,606	18,031	33,929
Louisiana	2,014			14,837		22,058	2,176	19,666
District No. 6	**18,121**			**32,263**		**184,765**	**8,663**	**103,559**
Illinois	10,953			5,108		47,009	3,798	46,233
Missouri	4,671			9,305		99,257	2,265	33,242
Arkansas	2,497			17,850		38,499	2,600	24,084
District No. 7	**21,319**			**45,258**		**83,254**	**7,183**	**64,190**
Michigan	5,218			7,928		12,439	36	10,371
Wisconsin	7,023			18,479		24,883	3,402	20,889
Minnesota	9,078			18,312		34,302	2,774	25,338
North Dakota				539		11,630	971	7,592
District No. 8	**32,376**	**19**		**9,771**		**103,968**	**9,683**	**78,815**
Iowa	14,737	10		8,225		41,016	2,378	34,868
South Dakota	7,152	2		218		16,364	2,525	13,972
Nebraska	9,058	7		692		38,186	1,800	21,778
Wyoming	1,429			636		8,402	2,980	8,197
District No. 9	**16,683**			**38,955**	**350**	**128,700**	**18,063**	**81,152**
Kansas	6,964			11,497		47,654	1,931	21,707
Oklahoma	4,762			25,303	350	29,288	7,143	20,700
Colorado	3,985			1,308		35,441	5,816	27,970
New Mexico	972			847		16,317	3,143	10,775
District No. 10	**15,771**			**27,754**	**350**	**193,630**	**46,485**	**118,995**
Texas	15,771			27,754	350	193,630	46,485	118,995
District No. 11	**14,893**		**2,400**	**42,583**		**113,256**	**31,489**	**75,941**
Arizona	729			61		9,045	10,167	7,875
Utah	1,123			5,052		11,623	7,290	9,388
Nevada	189					4,641	749	3,023
California	12,852		2,400	37,470		87,947	13,283	55,655
District No. 12	**12,761**			**16,304**		**132,354**	**2,638**	**87,376**
Montana	2,657			81		41,994	254	27,845
Idaho	3,598			937		32,666	173	24,809
Washington	3,318			8,304		26,148	1,477	9,791
Oregon	3,188			6,982		31,546	734	24,931

[1] Represents refinancing of existing commissioner loans; lending authority of Land Bank Commissioner expired July 1, 1947.
[2] Includes renewals.
[3] Excludes advances in connection with Commodity Credit Corporation programs.
[4] Duplicates credit extended by the 2 agencies concerned.
[5] Includes $54,112,000 of direct loans made to the Central Bank for Cooperatives which cannot be allocated by States.

Source: Department of Agriculture, Farm Credit Administration; Annual Report, Semiannual Report on Loans and Discounts, and records.

No. 471.—Farm Credit Administration—Loans and Discounts Outstanding, Dec. 31, 1949

[In thousands of dollars]

District and state	Farm mortgage loans by—		Loans to cooperatives by—			Federal intermediate credit banks loans to and discounts for—		Production credit associations
	Federal land banks	Land Bank Commissioner	Federal intermediate credit banks (direct)	Banks for cooperatives including central bank [1]	Agricultural Marketing Act revolving fund	Prod. credit assoc'ns. and banks for co-ops [2]	Private financing institutions	
Total	**899,475**	**56,726**	**2,400**	**301,887**	**1,365**	**[3] 423,038**	**57,941**	**392,280**
District No. 1	**55,359**	**5,180**	**2,000**	**35,609**		**31,505**	**753**	**33,312**
Maine	2,435	372		2,643		2,964	131	3,079
New Hampshire	1,530	141		103		480		504
Vermont	5,578	279		1,100		3,628	88	3,846
Massachusetts	5,936	653		15,290		1,778	367	1,745
Rhode Island	908	95				319		341
Connecticut	4,763	558		471		2,253		2,414
New York	26,455	2,106	2,000	15,336		17,153	37	18,238
New Jersey	7,754	976		666		2,930	130	3,145
District No. 2	**38,354**	**3,516**		**26,518**		**26,485**	**7,149**	**28,259**
Pennsylvania	11,392	736		7,160		8,981		9,476
Delaware	592	44				907		1,021
Maryland	4,101	289		1,623		5,674		6,091
Virginia	8,410	442		16,603		5,066	33	5,297
West Virginia	3,633	255		130		1,443		1,548
Puerto Rico	10,226	1,750		1,002		4,414	7,116	4,826
District No. 3	**49,561**	**5,033**		**21,304**	**350**	**29,300**	**447**	**29,889**
North Carolina	14,212	1,271		2,531		6,144		6,394
South Carolina	9,631	1,098		7,364		4,710		4,922
Georgia	16,191	1,622		538	350	9,599		9,891
Florida	9,527	1,042		10,871		8,847	447	8,682
District No. 4	**59,149**	**2,724**		**23,393**	**350**	**53,280**	**3,532**	**52,916**
Ohio	17,491	676		8,985		18,401	2,105	18,552
Indiana	21,527	807		8,695		17,727	752	17,442
Kentuckyy	10,220	607		882		9,581	49	9,442
Tennessee	10,209	634		4,831	350	7,571	626	7,480
District No. 5	**50,210**	**2,515**		**14,747**		**15,531**	**4,873**	**18,431**
Alabama	18,653	925		1,456		4,011	559	4,331
Mississippi	19,562	932		2,445		7,386	3,937	8,943
Louisiana	11,995	658		10,846		4,134	377	5,157
District No. 6	**84,341**	**3,899**		**32,113**	**19**	**46,423**	**2,999**	**39,678**
Illinois	51,856	1,285		5,376	19	20,031	1,609	20,203
Missouri	21,539	1,754		11,581		21,096	803	13,359
Arkansas	10,946	860		15,156		5,296	587	6,116
District No. 7	**114,005**	**10,329**		**35,195**	**96**	**35,451**	**4,502**	**31,951**
Michigan	22,598	1,573		4,684	96	5,752	5	5,914
Wisconsin	33,124	3,489		6,071		11,291	2,409	11,358
Minnesota	47,832	2,945		23,806		15,128	1,546	11,234
North Dakota	10,451	2,322		634		3,280	542	3,445
District No. 8	**166,046**	**4,767**		**6,685**		**32,790**	**3,605**	**31,810**
Iowa	82,316	1,477		5,047		12,994	820	13,238
South Dakota	29,229	1,150		169		5,395	843	5,674
Nebraska	46,701	1,721		737		10,981	601	9,161
Wyoming	7,800	419		732		3,420	1,341	3,737
District No. 9	**70,020**	**4,232**		**40,570**	**350**	**37,979**	**7,875**	**32,845**
Kansas	29,794	1,631		27,501		14,995	1,248	9,086
Oklahoma	19,316	1,251		10,435	350	8,439	2,556	8,570
Colorado	15,365	957		1,922		10,687	2,891	11,130
New Mexico	5,545	393		712		3,858	1,180	4,059
District No. 10	**91,784**	**4,766**		**14,971**	**200**	**37,283**	**12,888**	**38,395**
Texas	91,784	4,766		14,971	200	37,283	12,888	38,395
District No. 11	**67,603**	**5,678**	**400**	**34,920**		**32,827**	**8,327**	**22,917**
Arizona	5,601	329		162		1,960	1,821	1,927
Utah	6,759	550		4,225		3,390	2,673	3,516
Nevada	1,349	69				735	364	745
California	53,894	4,730	400	30,533		26,742	3,469	16,729
District No. 12	**52,743**	**4,087**		**15,862**		**34,156**	**991**	**31,877**
Montana	11,594	1,172		356		7,906	90	8,550
Idaho	13,954	1,038		1,993		8,635	96	9,270
Washington	13,767	896		5,700		8,767	805	3,829
Oregon	13,428	981		7,813		8,848		10,228

[1] Excludes advances in connection with Commodity Credit Corporation programs.
[2] Duplicates loans outstanding for the 2 agencies concerned.
[3] Includes $10,028,000 of direct loans made to the Central Bank for Cooperatives which cannot be allocated by States.

Source: Department of Agriculture, Farm Credit Administration; Annual Report, Semiannual Report on Loans and Discounts, and records.

No. 472.—Farmers Home Administration—Real Estate and Non-Real-Estate Loans to Individuals, by States

[In thousands of dollars. Includes loans made from corporation trust funds]

Division and State	Direct real estate loans [1]		Non-real-estate loans		
			Production and subsistence and rural rehabilitation		Emergency crop and feed loans outstanding Jan. 1, 1949 [6]
	Amount of loans in 1948 [2]	Amount of loans outstanding Jan. 1, 1949 [3]	Amount of loans in 1948 [4]	Amount of loans outstanding Jan. 1, 1949 [5]	
Total	**19,421**	**192,506**	**87,943**	**257,317**	**90,240**
New England	**397**	**2,196**	**1,809**	**6,077**	**594**
Maine	97	677	1,037	3,119	469
New Hampshire	21	146	219	1,008	29
Vermont	141	626	373	1,118	46
Massachusetts	91	490	119	537	32
Rhode Island	19	32	25	102	
Connecticut	28	225	36	193	18
Middle Atlantic	**787**	**7,801**	**3,471**	**12,846**	**528**
New York	195	2,888	1,420	6,002	152
New Jersey	304	1,459	540	2,063	62
Pennsylvania	288	3,454	1,511	4,781	314
East North Central	**1,626**	**17,448**	**7,264**	**25,050**	**1,777**
Ohio	416	3,746	985	4,233	225
Indiana	259	3,324	805	2,966	177
Illinois	140	3,236	1,656	5,184	266
Michigan	360	3,255	1,766	6,882	407
Wisconsin	451	3,887	2,052	5,785	702
West North Central	**3,669**	**29,685**	**12,697**	**45,272**	**48,088**
Minnesota	637	5,853	2,291	7,581	3,525
Iowa	437	3,212	1,706	4,915	137
Missouri	1,037	7,788	2,978	8,315	1,294
North Dakota	172	2,448	1,574	4,564	25,652
South Dakota	201	2,297	1,601	7,822	11,857
Nebraska	363	3,262	1,064	5,715	2,545
Kansas	822	4,825	1,483	6,360	3,078
South Atlantic	**3,270**	**32,824**	**14,564**	**35,154**	**7,456**
Delaware	15	316	54	322	37
Maryland	142	1,422	571	1,990	287
Virginia	334	2,682	894	2,391	1,321
West Virginia	155	1,499	497	1,499	166
North Carolina	927	6,737	4,864	5,024	905
South Carolina	497	6,480	2,955	6,801	1,732
Georgia	1,004	11,783	3,567	11,932	1,916
Florida	196	1,905	1,162	5,195	1,092
East South Central	**3,347**	**34,480**	**9,900**	**29,760**	**3,809**
Kentucky	304	3,268	1,659	3,589	356
Tennessee	687	5,360	1,691	2,729	620
Alabama	966	9,353	2,847	11,835	1,387
Mississippi	1,390	16,499	3,703	11,607	1,446
West South Central	**3,693**	**47,659**	**21,413**	**55,218**	**12,136**
Arkansas	772	10,707	4,745	11,028	2,982
Louisiana	285	6,569	2,662	7,021	1,606
Oklahoma	1,029	9,577	5,162	13,449	1,459
Texas	1,607	20,806	8,844	23,720	6,089
Mountain	**1,603**	**12,017**	**10,904**	**29,908**	**10,966**
Montana	125	2,810	2,301	5,806	5,483
Idaho	379	1,961	2,352	4,742	690
Wyoming	139	1,145	1,701	4,353	696
Colorado	97	1,892	2,107	6,706	1,882
New Mexico	139	1,292	1,172	3,869	1,645
Arizona	146	716	272	993	162
Utah	545	1,991	872	2,938	362
Nevada	33	210	127	501	46
Pacific	**593**	**4,783**	**4,073**	**14,683**	**4,694**
Washington	225	1,353	1,369	4,903	1,923
Oregon	161	1,579	1,054	2,934	1,029
California	207	1,851	1,650	6,846	1,742
Hawaii	343	728	135	230	1
Puerto Rico	68	2,836	1,662	2,912	182
Alaska	25	49	15	86	9
Virgin Islands			36	71	

[1] Tenant purchase, farm enlargement, farm development and project liquidation loans. Excludes insured mortgage loans. [2] Amount obligated. [3] Loan advances less principal repayments.

[4] Production and subsistence, water facilities and flood damage loans advanced.

[5] Amount outstanding on loans made by Farmers Home Adm. and its predecessor agency, Farm Security Adm. Includes water facilities, flood damage, construction, flood and windstorm, and wartime adjustment loans.

[6] On loans made by a predecessor agency, Farm Credit Administration.

Source: Department of Agriculture, Farmers Home Administration; Agricultural Statistics.

No. 473.—Consumer Credit, by Major Parts: 1930 to 1949

[**In millions of dollars.** Estimated amounts outstanding]

End of year	Total consumer credit	Installment credit					Noninstallment credit			
		Total installment credit	Sale credit			Loans [1]	Total	Single-payment loans [2]	Charge accounts	Service credit
			Total	Automobile	Other					
1930	6,821	2,688	2,032	928	1,104	656	4,133	1,949	1,611	573
1931	5,518	2,204	1,595	637	958	609	3,314	1,402	1,381	531
1932	4,085	1,518	999	322	677	519	2,567	962	1,114	491
1933	3,912	1,588	1,122	459	663	466	2,324	776	1,081	467
1934	4,389	1,860	1,317	576	741	543	2,529	875	1,203	451
1935	5,434	2,622	1,805	940	865	817	2,812	1,048	1,292	472
1936	6,788	3,518	2,436	1,289	1,147	1,082	3,270	1,331	1,419	520
1937	7,480	3,960	2,752	1,384	1,368	1,208	3,520	1,504	1,459	557
1938	7,047	3,595	2,313	970	1,343	1,282	3,452	1,442	1,487	523
1939	7,969	4,424	2,792	1,267	1,525	1,632	3,545	1,468	1,544	533
1940	9,115	5,417	3,450	1,729	1,721	1,967	3,698	1,488	1,650	560
1941	9,862	5,887	3,744	1,942	1,802	2,143	3,975	1,601	1,764	610
1942	6,578	3,048	1,617	482	1,135	1,431	3,530	1,369	1,513	648
1943	5,378	2,001	882	175	707	1,119	3,377	1,192	1,498	687
1944	5,803	2,061	891	200	691	1,170	3,742	1,255	1,758	729
1945	6,637	2,364	942	227	715	1,422	4,273	1,520	1,981	772
1946	10,191	4,000	1,648	544	1,104	2,352	6,191	2,263	3,054	874
1947	13,673	6,434	3,086	1,151	1,935	3,348	7,239	2,707	3,612	920
1948	16,319	8,600	4,528	1,961	2,567	4,072	7,719	2,902	3,854	963
1949	18,779	10,890	6,240	3,144	3,096	4,650	7,889	2,988	3,909	992

[1] Includes repair and modernization loans insured by Federal Housing Administration.
[2] An estimated total of noninstallment consumer loans; i. e., single-payment loans of commercial banks and loans by pawnbrokers.

Source: Board of Governors of the Federal Reserve System. Figures published currently in Federal Reserve Bulletin.

No. 474.—Consumer Installment Loans: 1930 to 1949

[**In millions of dollars.** Estimated amounts outstanding]

End of year	Total	Commercial banks [1]	Small loan companies	Industrial banks [1]	Industrial loan companies [1]	Credit unions	Miscellaneous lenders	Insured repair and modernization loans [2]
1930	656	45	277	218		23	93	----------
1931	609	39	287	184		21	78	----------
1932	519	31	268	143		19	58	----------
1933	466	29	246	121		20	50	----------
1934	543	44	264	125		25	60	25
1935	817	88	287	156		37	79	170
1936	1,082	161	326	191		58	102	244
1937	1,208	258	374	221		83	125	147
1938	1,282	312	380	129	95	103	117	146
1939	1,632	523	448	131	99	135	96	200
1940	1,967	692	498	132	104	174	99	268
1941	2,143	784	531	134	107	200	102	285
1942	1,431	426	417	89	72	130	91	206
1943	1,119	316	364	67	59	104	86	123
1944	1,170	357	384	68	60	100	88	113
1945	1,422	477	439	76	70	103	93	164
1946	2,352	956	597	117	98	153	109	322
1947	3,348	1,435	701	166	134	225	119	568
1948	4,072	1,709	817	204	160	312	131	739
1949	4,650	1,951	929	250	175	402	142	801

[1] Includes only personal installment cash loans, retail automobile direct loans, and other retail direct loans.
[2] Includes only loans insured by Federal Housing Administration.

Source: Board of Governors of the Federal Reserve System. Figures published currently in Federal Reserve Bulletin.

No. 475.—Consumer Installment Sale Credit, Excluding Automobile Credit: 1930 to 1949

[In millions of dollars. Estimated amounts outstanding]

End of year	Total, excluding automobile	Department stores and mail order houses	Furniture stores	Household appliance stores	Jewelry stores	All other retail stores
1930	1,104	155	539	222	47	141
1931	958	138	454	185	45	136
1932	677	103	313	121	30	110
1933	663	119	299	119	29	97
1934	741	146	314	131	35	115
1935	865	186	336	171	40	132
1936	1,147	256	406	255	56	174
1937	1,368	314	469	307	68	210
1938	1,343	302	485	266	70	220
1939	1,525	377	536	273	93	246
1940	1,721	439	599	302	110	271
1941	1,802	466	619	313	120	284
1942	1,135	252	440	188	76	179
1943	707	172	289	78	57	111
1944	691	183	293	50	56	109
1945	715	198	296	51	57	113
1946	1,104	337	386	118	89	174
1947	1,935	650	587	249	144	305
1948	2,567	874	750	387	152	404
1949	3,096	1,010	935	500	163	488

Source: Board of Governors of the Federal Reserve System. Figures are published currently in Federal Reserve Bulletin.

No. 476.—State and Federal Credit Unions—Relative Development: 1925 to 1948

[See headnote, table 477]

Year	Total number of credit unions		Active, reporting credit unions		Members		Amount of loans made ($1,000)		Assets ($1,000)	
	Total [1]	State	Total [1]	State	Total [1]	State	Total [1]	State	Total [1]	State
1925	419	419	176	176	108,000	108,000	20,100	20,100	[2]	[2]
1929	974	974	838	838	264,908	264,908	54,048	54,048	[2]	[2]
1931	1,500	1,500	1,244	1,244	286,143	286,143	21,215	21,215	33,645	33,645
1932	1,612	1,612	1,472	1,472	301,119	301,119	32,065	32,065	31,416	31,416
1933	2,016	2,016	1,772	1,772	359,646	359,646	28,218	28,218	35,497	35,497
1934	2,450	2,450	2,028	2,028	427,097	427,097	36,200	36,200	40,212	40,212
1935	2,600	2,600	2,589	2,122	597,609	523,132	39,172	36,850	49,506	47,964
1936	5,352	3,490	4,408	2,734	1,170,445	854,475	100,200	84,542	83,071	73,659
1937	6,292	3,792	5,231	3,128	1,503,826	1,055,736	141,400	110,625	115,399	97,088
1938	7,314	4,299	6,707	3,977	1,863,353	1,236,826	175,952	129,059	147,156	117,672
1939	8,326	4,782	7,841	4,677	2,305,364	1,459,377	230,430	159,403	192,724	145,227
1940	9,512	5,302	8,893	5,178	2,815,653	1,695,421	304,606	199,619	252,293	180,198
1941	10,457	5,664	9,658	5,514	3,321,312	1,924,616	359,711	225,379	322,215	216,558
1942	10,591	5,611	9,474	5,404	3,126,461	1,778,942	247,636	156,099	340,622	221,390
1943	10,372	5,284	8,978	5,119	3,015,487	1,713,124	208,570	131,304	355,263	228,315
1944	9,099	5,051	8,702	4,907	2,925,591	1,621,790	209,475	131,142	397,930	253,664
1945	8,890	4,931	8,629	4,872	2,841,154	1,624,529	210,905	132,636	432,584	279,481
1946	8,968	5,003	8,715	4,954	3,023,017	1,717,616	291,244	176,433	495,249	322,083
1947	9,168	5,155	8,942	5,097	3,339,859	1,893,944	455,834	271,324	591,127	380,751
1948	9,329	5,271	9,328	5,270	3,767,839	2,139,500	633,544	360,307	701,820	443,408

[1] Covers data for State and Federal credit unions.
[2] No data.

Source: Department of Labor, Bureau of Labor Statistics. Annual figures published in Monthly Labor Review.

No. 477.—Credit Unions—Operations, 1947 and 1948, and by States, 1948

[Data for State-chartered associations furnished by State officials—usually Superintendent of Banks—charged with supervision of credit unions. Estimates made in some instances. All data for Federal credit unions furnished by Bureau of Federal Credit Unions, Federal Security Agency]

Year and State	Associations		Number of members	Loans		
	Number active	Number reporting [1]		Made during year		Amount outstanding at end of year ($1,000)
				Number	Amount ($1,000)	
Total: 1947	**9,168**	**8,942**	**3,339,859**	**2,170,685**	**455,834**	**279,923**
1948	**9,329**	**9,328**	**3,767,839**	**2,691,694**	**633,544**	**398,556**
State associations:						
1947	5,155	5,097	1,893,944	1,217,321	271,324	188,551
1948	5,271	5,270	2,139,500	1,486,923	360,307	260,913
Federal associations:						
1947	4,013	3,845	1,445,915	953,364	184,509	91,372
1948	4,058	4,058	1,628,339	1,204,771	273,237	137,642
1948						
Alabama	82	84	41,281	70,562	12,238	5,302
Arizona [2]	28	28	6,149	5,221	1,353	767
Arkansas	30	30	4,951	3,970	661	367
California	498	498	254,168	192,246	55,876	36,401
Colorado	110	110	36,965	22,477	6,118	4,612
Connecticut [3]	263	264	108,167	80,791	17,588	8,705
Delaware [4]	10	10	2,979	2,226	466	273
District of Columbia	116	116	79,950	51,189	11,858	6,669
Florida	175	175	52,699	48,114	11,885	6,697
Georgia	143	143	47,820	39,631	9,037	5,984
Idaho	33	33	5,620	3,317	817	521
Illinois	845	845	456,071	329,908	67,249	38,883
Indiana	307	308	126,476	77,893	20,706	11,353
Iowa	199	195	43,767	32,101	6,425	4,521
Kansas	126	126	35,284	22,682	5,983	4,020
Kentucky [2]	113	113	28,551	21,339	5,474	4,280
Louisiana	144	140	45,750	47,749	7,579	4,233
Maine	40	40	14,970	9,702	1,820	1,039
Maryland	72	72	35,478	22,294	3,722	2,382
Massachusetts	533	533	308,968	201,501	49,737	34,554
Michigan	275	275	166,684	124,601	35,718	24,185
Minnesota	324	324	85,732	55,614	13,078	14,787
Mississippi	31	31	7,357	22,567	1,269	568
Missouri [3]	383	383	99,220	67,214	16,273	12,481
Montana	39	39	9,090	6,083	1,317	837
Nebraska	83	83	23,383	16,396	4,479	2,243
Nevada [4]	8	8	1,363	1,048	216	124
New Hampshire [2]	13	13	7,144	4,376	1,292	1,361
New Jersey	244	244	112,892	71,751	14,124	7,016
New Mexico	35	36	4,034	2,201	401	210
New York	730	730	305,582	184,475	49,558	29,841
North Carolina	219	219	46,051	32,982	6,646	4,646
North Dakota	89	89	14,493	4,675	4,028	2,861
Ohio	585	585	253,743	177,037	43,995	22,978
Oklahoma	73	73	27,309	22,064	4,965	3,467
Oregon	65	65	19,273	15,365	3,877	2,511
Pennsylvania	595	595	288,855	193,848	40,346	20,340
Rhode Island	42	42	37,547	12,180	5,577	9,638
South Carolina	27	27	7,643	7,235	1,172	649
South Dakota [4]	35	35	5,616	3,506	645	346
Tennessee	130	130	54,356	46,133	8,766	5,398
Texas	353	353	121,564	112,497	29,728	16,302
Utah	64	66	16,918	11,353	3,452	2,834
Vermont	28	28	2,866	2,418	162	96
Virginia	92	92	33,785	28,163	5,984	2,639
Washington	167	167	49,802	35,054	8,740	5,582
West Virginia	66	66	16,997	15,555	2,808	1,458
Wisconsin	537	537	168,956	107,799	19,875	17,082
Wyoming [4]	17	17	3,230	2,653	680	323
Alaska [4]	7	7	214	19	2	2
Canal Zone [4]	5	5	465	66	1	1
Hawaii [4]	101	101	39,611	19,853	7,775	4,188

[1] In some States number reporting is greater than number active at end of year because former includes associations which, although transacting some business during year, had ceased operation by end of year.
[2] Data are for years ending June 30.
[3] Data are for years ending September 30.
[4] Federal associations only; no State-chartered credit unions in this State.

Source: Department of Labor, Bureau of Labor Statistics; Monthly Labor Review, September 1949.

No. 478.—Money Rates—Open-Market Rates in New York City: 1890 to 1949

[**Percent per annum.** See also *Historical Statistics*, series N 185–187, for data on prime commercial paper, stock exchange time loans, and call loan renewals]

YEARLY AVERAGE	Prime commercial paper, 4 to 6 months	Prime bankers' acceptances, 90 days	Stock exchange time loans, 90 days	Stock exchange call loan renewals	YIELDS ON U. S. GOVERNMENT SECURITIES		
					3-month bills [1]	9- to 12-month certificates of indebtedness	3- to 5-year taxable notes
1890	6.91		5.31	5 84			
1900	5 71		3 94	2 94			
1910	5. 72		4 03	2 98			
1915	4 01		2 85	1 92			
1920	7. 50	6. 06	8. 06	7 74			
1925	4. 02	3. 29	4. 23	4 18			
1929	5. 85	5. 03	7. 75	7. 61			
1930	3. 59	2. 48	3. 26	2. 94			
1933	1. 73	.63	1. 11	1. 16	0. 515		
1935	.76	.13	.56	.56	.137		
1937	.94	.43	1. 25	1. 00	.447		
1939	.59	.44	1. 25	1. 00	.023		
1940	.56	.44	1. 25	1 00	.014		
1941	.54	.44	1 25	1. 00	.103		0. 76
1942	.66	.44	1. 25	1. 00	.326		1. 46
1943	.69	.44	1. 25	1. 00	.373	0. 75	1. 34
1944	.73	.44	1. 25	1 00	.375	.79	1. 33
1945	.75	.44	1. 25	1. 00	.375	.81	1. 18
1946	.81	.61	1. 35	1. 16	.375	.82	1. 16
1947	1 03	87	1. 50	1. 38	.604	.88	1. 32
1948	1. 44	1. 11	1. 55	1. 55	1. 043	1. 14	1. 62
1949	1. 48	1. 12	1. 63	1. 63	1. 104	1. 14	1. 43

[1] Rate on new issues offered within period. Tax-exempt bills prior to March 1941; taxable bills thereafter.

Source: Board of Governors of the Federal Reserve System, Banking and Monetary Statistics. Monthly and weekly figures published currently in Federal Reserve Bulletin.

No. 479.—Business Loan Rates—Averages of Rates Charged On Short-Term Loans to Businesses by Banks in Selected Cities: 1939 to 1949

[**Percent per annum.** Prior to 1939, figures reported on basis not strictly comparable with current series. See *Historical Statistics*, series N 188–191]

YEAR	Total 19 cities	New York City	7 other Northern and Eastern cities	11 Southern and Western cities	YEAR	Total 19 cities	New York City	7 other Northern and Eastern cities	11 Southern and Western cities
1939	2. 1	1. 8	2 0	2. 5	1945	2. 2	2. 0	2. 5	2. 5
1940	2 1	1. 8	2. 0	2. 5	1946	2. 1	1. 8	2. 1	2. 5
1941	2. 0	1. 8	1. 9	2. 5	1947	2. 1	1. 8	2. 2	2. 6
1942	2. 2	2. 0	2. 3	2. 6	1948	2 5	2. 2	2. 6	2. 9
1943	2. 6	2. 2	2 9	2. 8	1949	2. 7	2. 4	2. 7	3. 1
1944	2. 4	2. 1	2. 7	2. 8					

Source: Board of Governors of the Federal Reserve System; quarterly data published currently in Federal Reserve Bulletin.

No. 480.—Bond and Stock Prices: 1929 to 1949

[See also *Historical Statistics*, series N 212–214]

CLASS	1929	1930	1935	1940	1945	1946	1947	1948	1949
BOND PRICES	DOLLARS PER $100 BOND								
U. S. Government (1-9 issues) [1]					102.0	104.8	103.8	100.8	102.7
Standard and Poor's Corp.: [2]									
Municipal (15 issues) [3]	96.5	99.0	108.6	123.6	139.6	140.1	132.8	125.2	128.9
Corporate (dollars per $100 bond): [4]									
High grade (11 issues)				115.9	122.1	123.3	[4] 103.2	98.7	101.9
Medium grade: [5]									
Industrial (4 issues)				97 2	122.2	123.6	[4] 102.6	96.3	98.6
Railroad (4 issues)				83.8	115.2	117.0	[4] 88.2	85.4	82 3
Public utility (4 issues)				103.5	116.3	114.9	[4] 102.8	95.2	97.0
STOCK PRICES	DOLLARS PER SHARE (EXCEPT INDEXES)								
Standard and Poor's Corp.:									
Preferred (15 issues) [6]	136.7	141.5	151.4	169.2	189.1	198.5	184.7	168.7	176.4
Common (index, 1935–39=100): [7]									
Total (416 issues)	200.9	158.2	82.9	88.1	121 5	139 9	123.0	124.4	121.4
Industrial (365 issues)	171 1	127 0	82.2	87.9	123.3	143 4	128.0	130.6	127 6
Railroad (20 issues)	390 7	331 3	90.2	71.1	136.9	143.0	105 3	114.8	96.6
Public utility (31 issues)	274.1	250.7	83.9	95.8	106.1	120 2	102.9	96.3	97.5
Dow-Jones and Co. Inc.: [8]									
Total (65 issues)	125.43	95.64	41 97	45.28	63.72	71 01	63.39	66.32	64.37
Industrial (30 issues)	311 24	236 34	120.00	134 74	169.82	191 65	177 58	179 95	179.48
Railroad (20 issues)	159 66	133 13	33.83	28 50	56 56	59.27	48.14	56 73	47.77
Public utility (15 issues) [9]	104 48	85.80	22.15	22.61	32.15	39.36	35.06	34.03	36.44
Moody's per share, monthly average: [10]									
Total (200 issues) [11]	86 00	65.90	32.44	33.84	46 02	51.34	46.46	47.46	46 68
Industrial (125 issues)	65.45	49.26	30 09	31 76	43 94	49 84	46.10	47.50	46.88
Railroad (25 issues)	109.82	90.77	26.18	20 16	39 94	41.48	31.22	34.23	28.55
Public utility (25 issues)	152.03	128.73	48.01	54.48	58.40	66.33	57.91	55.20	54.38

[1] Straight average of market prices of all taxable bonds due or callable in 15 years and over.

[2] Based on varying list of bonds in attempt to maintain representative issues in each group; number shown represents number currently used. All series computed on daily basis.

[3] Prices derived from average yields on basis of a 4 percent 20-year bond based on Wednesday closing prices

[4] For old series, prices derived from averages of median yields on basis of 5-percent (high grade, 4 percent) 20 year bond; for new series beginning 1947, from average yields of all issues in series on basis of 3-percent (high grade, 2¾ percent) 30 year bond. Number of bonds represents number currently used.

[5] 1940–46 based on 10 industrial, 20 public utility, and 20 railroad issues including both medium and lower grade bonds.

[6] Prices derived from averages of median yields on noncallable high-grade stocks on basis of a $7 annual dividend. Data from Board of Governors, Federal Reserve System.

[7] Based on Wednesday's closing prices, or last preceding sale price; indexes weighted by number of shares of each stock outstanding in base period. Number of stocks represents number currently used; continuity of series not affected by change in number.

[8] Averages of daily closing figures. Changes have been made in stocks used at various times. However, the number of stocks has remained constant except for public utilities (see note 9).

[9] For 20 stocks prior to June 2, 1938.

[10] Based on prices end of month. 200 stocks used represent for the most part, an identical list, except in public utility group, which is a continuous series comprised of 24 electric utilities (representing combined holding and operating electric companies prior to 1942 and operating electric companies thereafter) and the AT&T Co.

[11] Includes 15 bank and 10 insurance stocks.

Source: Department of Commerce, Office of Business Economics; Survey of Current Business, except as noted. (For original sources see table stub.)

No. 481.—Securities Listed on New York Stock Exchange—Values and Average Price: 1939 to 1950

[Value except average price, in millions of dollars]

JAN. 1—	BONDS			STOCKS			JAN. 1—	BONDS			STOCKS		
	Face value	Market value	Average price	Shares (millions)	Market value	Average price		Face value	Market value	Average price	Shares (millions)	Market value	Average price
1939	51,554	47,053	$91.27	1,424	47,491	$33.34	1945	111,116	112,621	$101.35	1,492	55,512	$37.21
1940	54,067	49,920	92.33	1,435	46,468	32.37	1946	138,085	143,111	103.64	1,592	73,765	46.33
1941	54,169	50,831	93.84	1,455	41,891	28.80	1947	137,165	140,793	102.64	1,771	68,595	38 73
1942	58,237	55,034	94 50	1,463	35,786	24 46	1948	[1] 136,727	136,207	[2] 99.62	1,907	68,313	35.82
1943	72,993	70,584	96.70	1,471	38,812	26.39	1949	131,068	131,306	100.18	2,018	67,048	33.22
1944	90,841	90,274	99.38	1,489	47,607	31.97	1950	125,410	128,464	102.43	2,166	76,292	35.22

[1] Includes bonds of International Bank.

[2] Prices of bonds of International Bank included in computing averages.

Source: New York Stock Exchange, New York, N. Y.; Year Book.

No. 482.—Bond and Stock Yields—Percent: 1929 to 1949

[See also *Historical Statistics*, series N 197–200, 203–205]

CLASS	1929	1930	1935	1940	1945	1946	1947	1948	1949
BONDS									
U. S. Government [1]	----	----	----	----	2.37	2.19	2.25	2.44	2.31
Municipal (Standard & Poor's Corp., 15 issues)	4.27	4.07	3.41	2.50	1.67	1.64	2.01	2.40	2.21
Municipal (Bond Buyer, 20 issues)	4.31	4.12	3.38	2.52	1.49	1.51	1.93	2.35	2.15
Corporate (Moody's Investors' Service), by type: [2]									
Total (100 issues)	5.21	5.09	4.46	3.55	2.87	2.74	2.86	3.08	2.96
Industrial (30 issues)	5.31	5.25	4.02	3.10	2.68	2.60	2.67	2.87	2.74
Railroad (30 issues)	5.18	4.96	4.95	4.30	3.06	2.91	3.11	3.34	3.24
Public utility (40 issues)	5.14	5.05	4.43	3.25	2.89	2.71	2.78	3.03	2.90
Corporate, by years to maturity: [3]									
5 years	4.72	4.40	2.37	1.28	1.53	1.32	1.65	(4)	(4)
10 years	4.57	4.40	3.00	1.95	2.14	[5] 1.88	[5] 2.08	(4)	(4)
20 years	4.45	4.40	3.37	2.55	2.55	2.35	2.40	(4)	(4)
50 years	4.40	4.40	3.50	[5] 2.70	[5] [6] 2.55	[6] 2.45	2.55	(4)	(4)
STOCKS									
Preferred (Standard & Poor's Corp., 15 issues) [7] [8]	5.12	4.95	4.63	4.14	3.70	3.53	3.79	[8] 4.15	[8] 3.97
Common (Moody's Investors' Service): [9]									
Total (200 issues) [10]	3.4	4.5	4.1	5.3	4.2	4.0	5.1	5.8	6.6
Industrial (125 issues)	3.8	4.9	3.5	5.3	4.0	3.8	5.1	5.9	6.8
Railroad (25 issues)	4.4	5.6	4.0	5.4	5.5	5.4	6.2	6.0	8.5
Public utility (25 issues)	2.6	3.7	6.3	5.7	5.1	4.6	5.5	5.9	6.1

[1] Average yields on taxable bonds due or callable in 15 years and over.
[2] Number of issues as of Dec. 1, 1949; number varies for earlier years.
[3] Represents yield estimated as prevailing in first quarter of each year on highest grade issues. Data from Board of Governors, Federal Reserve System.
[4] Not available.
[5] More than usually liable to error.
[6] Represents bonds of 40 years to maturity.
[7] See note 6, table 480.
[8] Based on 14 stocks for August and September 1948; 11 stocks thereafter.
[9] Average of monthly figures computed by dividing the aggregate annual dividends being paid as of the end of each month by the market value of all outstanding shares of the companies as of the same date; see note 10, table 480.
[10] Includes 15 bank and 10 insurance stocks.

Source: Department of Commerce, Office of Business Economics; Survey of Current Business, except as noted.

No. 483.—Cash Dividend Payments on 600 Common Stocks: 1935 to 1948

YEARLY AVERAGE AND MONTH	Total annual payments at current rates (millions of dollars)	Number of shares, adjusted [1] (millions)	WEIGHTED AVERAGE DIVIDEND RATE PER SHARE (DOLLARS)					
			Total, 600 stocks	492 industrials	36 railroads	30 public utilities	21 banks	21 insurance
1935	1,215.5	919.28	1.32	1.14	1.23	1.85	3.23	2.12
1940	1,691.1	936.43	1.81	1.76	1.33	1.96	3.01	2.56
1941	1,833.1	938.08	1.95	1.95	1.58	1.91	3.00	2.58
1942	1,729.4	938.47	1.84	1.82	1.80	1.76	2.82	2.69
1943	1,693.5	942.60	1.80	1.72	2.16	1.76	2.82	2.67
1944	1,804.3	941.47	1.92	1.86	2.43	1.80	2.81	2.56
1945	1,867.3	941.47	1.98	1.92	2.66	1.80	2.94	2.57
1946	1,959.4	944.77	2.07	2.02	2.72	1.83	3.20	2.58
1947	2,310.3	954.65	2.42	2.50	2.66	1.97	3.21	2.59
March	2,196.0	954.65	2.30	2.35	2.66	1.95	3.21	2.59
June	2,310.0	954.65	2.42	2.51	2.66	1.98	3.21	2.59
September	2,358.0	954.65	2.47	2.56	2.68	1.99	3.21	2.59
December	2,473.0	954.65	2.59	2.75	2.56	1.99	3.21	2.59
1948:								
March [2]	2,511.0	954.65	2.63	2.79	2.68	2.00	3.21	2.59

[1] Adjusted for stock dividends and splits but not for changes in share capitalization due to other causes.
[2] Series discontinued after April 1948.

Source: Moody's Investors' Service, New York, N. Y.

No. 484.—Sales of Stocks and Bonds on all Registered Exchanges: 1940 to 1949

[All money figures in millions of dollars; number of shares of stock in millions. Stock sales include rights and warrants and cover actual volume of sales as distinguished from ticker or "reported" volume in table 485]

YEAR AND QUARTER	ALL REGISTERED EXCHANGES					NEW YORK STOCK EXCHANGE				
	Market value of all sales	Stocks		Bonds		Market value of all sales	Stocks		Bonds	
		Shares	Market value	Par value	Market value		Shares	Market value	Par value	Market value
1940	9,726	377	8,412	2,081	1,314	8,223	285	7,171	1,760	1,053
1941	7,603	310	6,240	2,530	1,363	6,408	230	5,257	2,269	1,151
1942	5,570	220	4,309	2,666	1,261	4,796	169	3,674	2,478	1,122
1943	10,986	484	9,024	3,839	1,962	9,457	362	7,672	3,593	1,785
1944	11,780	464	9,799	3,122	1,981	10,089	342	8,255	2,925	1,834
1945	18,112	767	16,270	2,691	1,842	15,196	507	13,474	2,509	1,716
1946	20,001	802	18,814	1,572	1,187	16,675	531	15,562	1,489	1,113
1947	12,541	512	11,587	1,274	954	10,617	358	9,742	1,176	875
1948	13,749	570	12,904	1,171	845	11,731	413	10,932	1,110	799
1949	11,443	516	10,740	933	703	9,674	380	9,012	880	662

Source: Securities and Exchange Commission; Statistical Bulletin, published monthly.

No. 485.—Sales on New York Stock Exchange—Volume: 1910 to 1949

[See also *Historical Statistics*, series N 228–232]

YEAR	Stocks, millions of shares [1]	BONDS, PAR VALUE (MILLIONS OF DOLLARS) [2]				YEAR	Stocks, millions of shares [1]	BONDS, PAR VALUE (MILLIONS OF DOLLARS) [2]			
		Total	Corporate	U. S. Government	State, municipal, foreign			Total	Corporate	U. S. Government	State, municipal, foreign
1910	164	635	592	(3)	43	1938	297	1,860	1,484	127	249
1915	173	961	907	3	51	1939	262	2,046	1,480	311	255
1920	227	3,977	827	2,861	289	1940	208	1,669	1,414	39	216
1925	454	3,384	2,332	391	661	1941	171	2,112	1,929	20	163
1929	1,125	2,982	2,182	142	658	1942	126	2,311	2,181	7	124
1930	810	2,764	1,927	116	721	1943	279	3,255	3,130	4	120
1931	577	3,051	1,846	296	908	1944	263	2,695	2,585	6	104
1932	425	2,967	1,642	570	755	1945	378	2,262	2,148	8	106
1933	655	3,369	2,099	501	769	1946	364	1,364	1,265	19	81
1934	324	3,726	2,239	885	602	1947	254	1,076	970	3	102
1935	382	3,339	2,287	674	378	1948	295	997	910	1	86
1936	496	3,576	2,899	319	359	1949	271	816	723	(3)	93
1937	409	2,793	2,097	349	347						

[1] Data cover ticker or "reported" volume which excludes odd-lots, stopped sales, private sales, split openings, crossed transactions, and errors of omission. Totals are therefore less than the actual volume shown in table 484.
[2] Exclusive of stopped sales. [3] Less than $500,000.

Source: Commercial and Financial Chronicle, New York, N. Y.

No. 486.—Principal Commodity Futures—Volume of Trading on All Contract Markets: 1938–39 to 1948–49

[Compiled from daily reports of all clearing members of each contract market]

YEAR BEGINNING JULY	Wheat (million bushels)	Corn (million bushels)	Oats (million bushels)	Rye (million bushels)	Cotton (thousand bales)	Eggs (carlots)
1938–39	5,505.2	1,575.4	329.6	184.7	38,454	43,909
1939–40	8,375.0	1,391.9	431.4	409.3	44,561	49,271
1940–41	4,783.9	795.8	248.5	266.2	34,258	46,903
1941–42	3,831.0	1,235.6	524.0	790.0	64,903	41,975
1942–43	2,703.2	851.3	610.6	1,469.7	42,738	9,005
1943–44	2,641.7	(1)	726.4	3,031.1	39,170	6,085
1944–45	2,425.0	491.3	1,060.2	3,978.6	37,813	40,729
1945–46	1,474.0	117.6	2,438.8	1,963.5	60,353	79,357
1946–47	2,322.4	2,608.9	3,905.6	.2	110,248	135,325
1947–48	5,768.1	3,798.8	2,668.6	21.1	110,583	125,020
1948–49	4,514.9	3,678.3	1,175.7	125.4	63,385	91,191

[1] Trading suspended.

Source: Department of Agriculture, Commodity Exchange Authority; annual report, Commodity Futures Statistics.

No. 487.—Securities—Sales Effected on Securities Exchanges: 1949

[**In thousands.** Value and volume of sales effected on registered securities exchanges are reported in connection with fees paid under sec. 31 of the Securities Exchange Act of 1934. For most exchanges, figures represent transactions cleared during year. Figures differ from those in table 484 due to revision of data by exchanges]

EXCHANGE	Total market value	STOCKS [1]		BONDS [2]		RIGHTS AND WARRANTS	
		Market value	Number of shares	Market value	Principal amount	Market value	Number of units
All registered exchanges	**$11,443,333**	**$10,714,391**	**477,898**	**$703,469**	**$932,954**	**$25,473**	**37,828**
Baltimore [3]	482	414	23	68	129		
Boston	153,267	152,208	3,899	8	11	1,051	920
Chicago Board of Trade	174	174	22	0	0		
Chicago Stock [4]	153,410	153,014	6,055	189	176	207	352
Cincinnati	13,122	13,085	395	0	0	37	71
Cleveland [4]	11,816	11,783	411			33	55
Detroit	41,849	41,697	3,078			152	677
Los Angeles	123,011	122,758	8,610	50	48	233	303
Midwest [4]	32,377	32,370	1,283	6	6	1	7
New Orleans	776	734	33	42	40		
New York Curb	945,313	897,807	68,024	38,403	49,857	9,103	6,783
New York Stock	9,673,999	8,997,825	353,375	662,411	880,178	13,763	26,230
Philadelphia [3]	16,086	16,004	544	82	78		
Philadelphia-Baltimore [3]	98,397	97,111	3,624	810	1,092	476	1,845
Pittsburgh	13,674	13,638	869	0	0	36	45
St. Louis [4]	9,859	9,831	336	3	3	22	20
Salt Lake	1,423	1,423	11,042				
San Francisco Mining	354	354	4,368				
San Francisco Stock	146,427	145,233	9,796	835	782	359	520
Spokane	1,326	1,326	1,873				
Washington	6,161	5,599	238	562	554		
All exempted exchanges	**7,119**	**7,072**	**683**	**47**	**49**		
Colorado Springs	174	174	214				
Honolulu	3,755	3,708	310	47	49		
Minneapolis-St. Paul [4]	1,947	1,947	131				
Richmond	704	704	12	0	0		
Wheeling	539	539	16				

[1] Includes voting trust certificates, American depositary receipts, and certificates of deposit for stocks.
[2] Includes mortgage certificates and certificates of deposit for bonds. Since Mar. 18, 1944, United States Government bonds have not been included in these data.
[3] Baltimore and Philadelphia Stock Exchanges merged, effective Mar. 7, 1949, with principal offices in Philadelphia.
[4] Chicago, Cleveland, Minneapolis-St. Paul, and St. Louis Stock Exchanges merged as Midwest Stock Exchange, effective Dec. 1, 1949, with main offices in Chicago.

Source: Securities and Exchange Commission.

No. 488.—Customers' Debit Balances, Money Borrowed, and Related Items—Stock Exchange Firms Carrying Margin Accounts: 1938 to 1949

[**All figures in millions of dollars.** Data relate to member firms of New York Stock Exchange carrying margin accounts. Figures derived from money balances as shown by ledger and exclude value of securities carried for customers or owned by firms. For detailed discussion, see Federal Reserve Bulletin, September 1936]

END OF MONTH	DEBIT BALANCES				CREDIT BALANCES				
	Customers' debit balances (net) [1]	Debit balances in investment and trading accounts of—		Cash on hand and in banks	Money borrowed [2]	Customers' credit balances [1]	Credit balances in investment and trading accounts of—		Credit balances in capital accounts (net)
		Partners	Firm				Partners	Firm	
1938—December	991	32	106	190	754	307	22	5	305
1939—December	906	16	78	207	637	335	23	7	277
1940—December	677	12	99	204	427	335	22	5	247
1941—December	600	8	86	211	368	352	17	5	213
1942—December	543	7	154	160	378	324	15	4	182
1943—December	789	11	188	181	557	419	14	5	198
1944—December	1,041	7	260	209	726	568	18	8	227
1945—December	1,138	12	413	313	795	766	29	13	299
1946—December	540	5	312	456	218	814	30	10	290
1947—December	578	7	315	393	240	788	23	15	273
1948—June	619	7	326	332	283	721	20	11	291
December	550	10	312	349	257	698	28	5	278
1949—June	681	5	419	280	493	657	20	9	260
December	881	5	400	306	523	792	26	15	271

[1] Excluding balances with reporting firms (1) of member firms of New York Stock Exchange and other national securities exchanges and (2) of firms' own partners.
[2] Includes money borrowed from banks and also from other lenders (not including member firms of national securities exchanges).

Source: Board of Governors of the Federal Reserve System; Banking and Monetary Statistics; monthly figures published currently in Federal Reserve Bulletin.

No. 489.—Securities—New Securities Offered for Cash Sale, by Type and Issuer: 1939 to 1949

[**Estimated gross proceeds in millions of dollars.** Gross proceeds are derived by multiplying principal amounts or number of units by offering prices, except for municipal issues where principal amount is used. Covers substantially all new issues of securities offered for cash sale in United States in amounts over $100,000 and with terms of maturity of more than 1 year. Figures represent offerings, not actual sales. Includes issues privately placed, publicly offered, unregistered issues and those registered under Securities Act of 1933]

SECURITY AND ISSUER	1939	1941	1943	1945	1947	1948	1949
TYPE OF SECURITY							
All types, total	5,687	15,157	44,518	54,712	19,941	20,285	21,261
Corporate	2,164	2,667	1,170	6,011	6,577	7,113	6,182
Noncorporate	3,523	12,490	43,348	48,701	13,364	13,172	15,082
Bonds, debentures, and notes, total	5,503	14,880	44,338	53,556	18,400	19,180	20,097
Corporate	1,980	2,390	990	4,855	5,036	6,008	5,015
Noncorporate	3,523	12,490	43,348	48,701	13,364	13,172	15,082
Preferred stock	98	167	124	758	762	491	432
Common stock	87	110	56	397	779	614	736
ISSUER							
Corporate, total	2,164	2,667	1,170	6,011	6,577	7,113	6,182
Industrial	604	818	510	2,026	2,742	2,809	2,187
Public utility	1,271	1,357	477	2,319	3,257	3,087	2,905
Rail	186	366	161	1,454	286	623	460
Real estate and financial	103	96	21	211	293	594	630
Noncorporate, total	3,523	12,490	43,348	48,701	13,364	13,172	15,082
U. S. Government (including agency issues guaranteed)	2,332	11,466	42,815	47,353	10,589	10,327	11,804
Federal agency (issues not guaranteed)	13	38	2	506	0	0	216
State and municipal	1,128	956	435	795	2,324	2,690	2,939
Foreign government	41	4	90	45	[1] 443	150	116
Eleemosynary and other nonprofit	9	26	7	2	7	6	7

[1] Bonds of the International Bank for Reconstruction and Development, excluding $700,000 sold directly to Canadian purchasers.

Source: Securities and Exchange Commission; monthly data published in Statistical Bulletin.

No. 490.—Registered Brokers and Dealers—Principal Assets and Liabilities: 1946 and 1947

[**In thousands.** Data cover 3,284 registrants and represents aggregate net capital and indebtedness of all registered brokers and dealers who filed financial reports with SEC in 1946 and 1947; includes 528 members of New York Stock Exchange]

ITEM	1946	1947
Net capital [1]	$934,595	$802,942
Aggregate indebtedness [2]	2,487,523	2,077,288
AGGREGATE OF PRINCIPAL ASSETS		
Cash in banks	622,103	576,912
Funds segregated pursuant to Commodity Exchange Act requirements [3]	50,032	89,838
Cash and exempt securities segregated [4]	24,239	21,097
Firms' inventory of exempt securities at market value	810,342	534,942
Firms' inventory of nonexempt securities at market value	798,326	610,000
Customers' debit balances in cash accounts [5]	283,070	213,396
Customers' debit balances in margin accounts	754,746	540,804
AGGREGATE OF PRINCIPAL LIABILITIES		
Customers' free credit balances [6]	712,794	659,241
Customers' credit balances in cash accounts [7]	153,322	158,126
Customers' credit balances in accounts with open contractual commitments [8]	36,080	24,029
Customers' credit balances in margin accounts	72,925	98,694
Borrowed from banks on customers' securities:		
On exempt securities	111,727	55,806
On nonexempt securities	246,657	111,415
Borrowed from banks on firms' and partners' securities	978,738	714,806

[1] No value given to fixed assets or other assets not readily convertible into cash. Marketable securities included at their market value.
[2] Excludes borrowings on exempt securities such as Government bonds and municipals.
[3] Owed to customers, on transactions in regulated commodities.
[4] For particular purposes pursuant to requirements of exchanges on Federal and State regulatory agencies. Includes exempt securities $5,073,700 in 1946 and $4,241,644 in 1947.
[5] Due from customers on cash transactions in securities.
[6] Due and payable to customers on demand.
[7] Held for customers pending completion of securities transactions.
[8] Received from customers against commitments not available for delivery.

Source: Securities and Exchange Commission; Annual Report.

No. 491.—Capital Issues—Summary, by Classes: 1920 to 1949

[In millions of dollars. Data cover domestic and foreign issues in United States. Preferred stocks of no par value and all common stocks are taken at offering price, other issues at par. Privileged stock subscriptions included in figures and issues of less than $100,000. See also *Historical Statistics*, series N 221-227]

YEAR	Total issues	New capital	Refunding	TOTAL ISSUES, BY KINDS						
				Corporate				Farm-loan and Gov't agencies	State and municipal [2]	Foreign government
				Railroads	Public utilities	Industrials [1]	Miscellaneous			
1920	4,010.0	3,634.8	375.2	377.9	496.8	1,627.6	464.0	----	699.5	344.3
1925	7,126.0	6,220.2	905.9	514.7	1,710.0	1,270.2	1,243.2	188.2	1,408.4	791.3
1929	11,592.2	10,182.8	1,409.4	817.2	2,442.8	2,459.8	4,306.6	----	1,435.7	130.1
1930	7,677.0	7,023.4	653.7	1,026.5	2,566.2	1,151.9	728.6	86.5	1,497.6	619.6
1935	4,752.3	1,412.1	3,340.2	196.7	1,283.8	706.5	80.4	1,137.1	1,231.8	116.0
1940	4,805.9	1,950.5	2,855.4	372.3	1,274.1	764.2	352.0	804.3	1,239.0	----
1941	5,545.9	2,853.9	2,692.0	365.3	1,383.0	675.5	195.0	1,969.0	954.1	4.0
1942	2,114.5	1,075.1	1,039.4	48.6	467.2	490.1	36.6	548.2	523.7	----
1943	2,228.2	643.5	1,584.7	152.4	399.1	503.2	26.1	622.1	435.2	90.0
1944	4,295.9	936.4	3,359.5	622.8	1,384.3	1,005.7	168.3	433.2	660.6	21.1
1945	8,046.2	1,774.7	6,271.5	1,507.7	2,397.4	1,906.0	447.5	937.9	799.7	50.0
1946	8,728.0	4,643.9	4,084.0	729.9	2,114.6	3,146.0	661.6	861.2	1,161.3	53.5
1947	9,752.8	7,688.4	2,064.5	269.7	3,122.8	2,377.5	548.0	661.2	2,327.9	445.8
1948	10,447.3	9,312.3	1,135.0	627.0	3,016.9	2,078.8	820.2	1,062.2	2,692.4	150.0
1949	9,555.0	7,988.7	1,566.3	475.5	2,850.3	1,588.0	409.8	1,176.2	2,939.2	116.0

CORPORATE ISSUES BY CLASS OF SECURITY (NEW CAPITAL AND REFUNDING)

YEAR	Total	Long-term bonds and notes	Short-term bonds and notes	Stocks	YEAR	Total	Long-term bonds and notes	Short-term bonds and notes	Stocks
1920	2,966.3	1,234.4	660.8	1,071.1	1943	1,080.9	869.1	38.0	173.8
1925	4,738.1	3,040.2	386.9	1,311.0	1944	3,181.1	2,655.7	13.6	511.9
1929	10,026.4	2,842.3	262.6	6,921.4	1945	6,258.6	4,891.4	46.4	1,320.7
1930	5,473.3	3,248.0	657.0	1,568.3	1946	6,652.1	4,532.1	38.3	2,081.7
1935	2,267.4	2,066.1	50.5	150.8	1947	6,317.9	4,731.1	70.7	1,516.1
1940	2,762.6	2,396.1	38.6	327.9	1948	6,542.7	5,595.9	7.4	939.4
1941	2,618.8	2,276.5	43.1	299.1	1949	5,323.6	4,307.0	7.9	1,008.6
1942	1,042.5	908.4	4.7	129.4					

[1] Comprises the following classifications given in original detailed statements: Iron, steel, coal, copper, etc., equipment manufactures, motors and accessories, oil, rubber, and miscellaneous industrials.
[2] Includes bonds issued by States, Territories and possessions, counties and municipalities, and by school and road districts and other independent governmental bodies. Beginning 1935, excludes funds obtained by States and municipalities from any agency of Federal Government.

Source: Commercial and Financial Chronicle, New York, N. Y.

No. 492.—U. S. Purchases of Foreign Capital Issues (Governmental and Corporate) Publicly Offered in the U. S.: 1925 to 1949

[Amounts in thousands of dollars. Excludes privately taken issues and small issues for which data are not available. Excludes issues of U. S. possessions after 1945]

YEAR	Number of issues	Total nominal capital	Estimated refunding to Americans [1]	Estimated new nominal capital	YEAR	Number of issues	Total nominal capital	Estimated refunding to Americans [1]	Estimated new nominal capital
1925	164	1,316,166	239,700	1,076,466	1943	4	92,300	90,000	2,300
1929	148	705,768	34,537	671,231	1944	5	31,400	14,700	16,700
1930	121	1,087,560	182,227	905,333	1945	8	70,600	60,600	10,000
1935	11	73,988	9,958	64,030	1946	8	135,400	127,800	7,600
1940	3	2,125	----	2,125	1947	13	406,300	130,800	275,500
1941	4	5,072	4,000	1,072	1948 [2]	----	----	----	----
1942 [2]	----	----	----	----	1949	1	99,500	50,832	48,668

[1] As a result of previous repatriations and purchases by investors of other countries these figures include, especially through 1930 substantial amounts of bonds not held in United States at time of their redemption.
[2] No issues.

Source: Dept. of Commerce, Office of Business Economics; International Economics Division records.

No. 493.—Intended Application of Proceeds From New Issues of Corporate Securities Offered for Cash Sale in the United States: 1941 to 1949

[Millions of dollars]

INTENDED APPLICATION	1941	1942	1943	1944	1945	1946	1947	1948	1949
ALL ISSUES									
Estimated gross proceeds	2,667	1,062	1,170	3,202	6,011	6,900	6,577	7,113	6,182
Bonds and notes	2,390	917	990	2,670	4,855	4,882	5,036	6,008	5,015
Preferred stock	167	112	124	369	758	1,127	762	492	432
Common stock	110	34	56	163	397	891	779	614	736
Estimated net proceeds	2,623	1,043	1,147	3,142	5,902	6,757	6,466	6,994	6,080
Proposed uses of net proceeds:									
New money	868	474	308	657	1,080	3,279	4,591	5,964	4,837
Plant and equipment	661	287	141	252	638	2,115	3,409	4,242	3,792
Working capital	207	187	167	405	442	1,164	1,182	1,722	1,045
Retirements	1,727	534	812	2,438	4,689	3,246	1,708	796	875
Funded debt	1,483	366	667	2,038	4,117	2,392	1,155	240	323
Other debt	144	138	73	49	134	379	356	488	518
Preferred stock	100	30	72	351	438	476	196	67	35
Other purposes	28	35	27	47	133	231	168	234	368
INDUSTRIAL									
Estimated gross proceeds	848	539	510	1,061	2,026	3,701	2,742	2,808	2,187
Estimated net proceeds	828	527	497	1,033	1,969	3,601	2,686	2,751	2,147
Proposed uses of net proceeds:									
New money	244	293	228	454	811	2,201	1,974	2,189	1,524
Plant and equipment	105	116	79	125	461	1,257	1,128	1,032	918
Working capital	139	176	149	329	350	944	846	1,157	605
Retirements	566	208	253	552	1,107	1,231	650	426	449
Funded debt	403	72	137	346	720	757	264	65	53
Other debt	103	119	54	48	97	250	296	351	393
Preferred stock	60	16	61	158	291	224	90	10	3
Other purposes	18	27	17	28	52	169	63	135	174
PUBLIC UTILITY									
Estimated gross proceeds	1,357	472	477	1,422	2,319	2,158	3,257	3,087	2,905
Estimated net proceeds	1,340	464	469	1,400	2,291	2,129	3,212	3,039	2,856
Proposed uses of net proceeds:									
New money	317	145	22	40	69	785	2,188	2,744	2,400
Plant and equipment	303	139	16	25	61	714	2,035	2,711	2,384
Working capital	14	6	6	15	9	71	153	33	17
Retirements	1,019	311	439	1,344	2,182	1,298	977	249	345
Funded debt	956	278	412	1,156	2,052	1,014	842	94	226
Other debt	26	19	16	1	23	47	38	103	87
Preferred stock	37	14	11	187	107	238	97	52	32
Other purposes	4	8	8	16	39	46	47	46	111
RAILROAD									
Estimated gross proceeds	366	48	161	609	1,454	711	286	623	460
Estimated net proceeds	361	47	160	602	1,436	704	283	617	456
Proposed uses of net proceeds:									
New money	253	32	46	102	115	129	240	546	441
Plant and equipment	253	32	46	102	115	129	238	486	441
Working capital							2	60	
Retirements	108	15	114	500	1,321	574	37	71	15
Funded debt	105	15	114	500	1,320	571	35	56	11
Other debt					(1)	3	2	15	4
Preferred stock	3				1			0	
Other purposes	(1)	(1)	(1)				6	0	
REAL ESTATE AND FINANCIAL									
Estimated gross proceeds	96	4	21	109	211	329	293	594	630
Estimated net proceeds	94	4	21	107	206	323	286	587	621
Proposed uses of net proceeds:									
New money	55	4	13	61	85	164	189	485	472
Plant and equipment	(1)				1	14	8	13	49
Working capital	55	4	13	61	84	149	181	472	423
Retirements	33		6	42	79	143	44	50	67
Funded debt	18		4	36	26	50	14	25	33
Other debt	15		2		13	78	21	20	34
Preferred stock				6	40	14	10	5	
Other purposes	6		2	3	42	16	53	52	83

[1] Less than $500,000.

Source: Securities and Exchange Commission; monthly data published in Statistical Bulletin.

No. 494.—Life Insurance Companies—Summary of Financial Condition and Policy Account: 1880 to 1948

[**All figures in millions of dollars.** Includes domestic and foreign business of U. S. companies but excludes operations of Veterans' Admn. (see p. 216), and U. S. business of foreign companies]

YEAR	Assets (admitted) Dec. 31	Liabilities,[1] Dec. 31	Total income	Premium income	Payment to policyholders	INSURANCE WRITTEN AND PAID FOR DURING YEAR			INSURANCE IN FORCE DEC. 31			
						Group	Ordinary	Industrial	Total	Group	Ordinary [2]	Industrial
1880	453	-------	81	-------	56	-------	-------	-------	1,602	-------	1,582	21
1890	771	679	197	158	90	-------	742	242	4,050	-------	3,621	429
1900	1,742	1,493	401	325	169	-------	1,280	566	8,561	-------	7,093	1,468
1910	3,876	3,665	781	593	387	-------	1,822	735	16,404	-------	13,227	3,177
1915	5,190	4,938	1,043	784	545	(3)	[3] 2,631	974	22,777	(3)	[3] 18,349	4,427
1917	5,941	5,634	1,249	929	590	(3)	[3] 3,840	1,051	27,189	(3)	[3] 21,966	5,223
1918	6,475	6,202	1,325	994	710	(3)	[3] 3,935	1,203	29,870	(3)	[3] 24,167	5,703
1920	7,320	6,989	1,764	1,385	745	(3)	[3] 6,490	1,615	42,281	1,637	33,455	7,190
1925	14,538	10,867	3,018	2,384	1,243	1,254	10,563	3,656	71,690	4,299	54,567	12,824
1929	17,482	16,507	4,337	3,350	1,962	1,572	12,958	4,738	103,146	9,121	76,123	17,902
1930	18,880	17,862	4,594	3,524	2,247	1,556	12,604	4,860	107,948	9,886	79,775	18,287
1933	20,896	19,885	4,622	3,322	3,016	821	8,293	4,673	97,985	8,912	71,919	17,154
1935	23,216	22,220	5,072	3,692	2,535	1,303	8,113	4,722	100,730	10,470	71,963	18,298
1939	29,243	27,926	5,453	3,825	2,642	1,579	7,260	3,676	113,977	14,023	78,814	21,140
1940	30,802	29,405	5,658	3,944	2,681	1,669	7,506	3,718	117,794	15,382	81,069	21,344
1943	37,766	35,845	6,442	4,421	2,407	3,469	8,340	3,586	140,309	22,961	91,777	25,571
1944	41,054	39,240	7,011	4,869	2,528	2,158	9,526	3,724	149,071	24,446	97,577	27,048
1945	44,797	42,342	7,674	5,249	2,719	1,519	10,944	3,970	155,723	22,770	104,456	28,497
1946	48,191	45,576	8,068	5,727	2,848	6,111	16,776	4,842	174,553	28,196	116,110	30,247
1947	51,743	48,307	8,982	6,635	3,280	6,205	16,897	5,193	191,264	33,565	126,206	31,493
1948	55,512	51,803	9,603	7,131	3,602	6,670	17,091	5,043	206,578	39,210	135,669	31,699

[1] Not including unapportioned surplus and capital. Prior to 1905 apportioned surplus is also excluded. For amount of this item in recent years, see table 496.

[2] Amounts of policies in force for 1850, $69,000,000; 1860; $180,000,000; 1870, $2,263,000,000.

[3] Group business included in ordinary.

Source: 1880, Frederick L. Hoffman, insurance statistician, Newark, N. J.; 1890 and subsequent years, The Spectator, Philadelphia, Pa ; Insurance Yearbook, Life Volume.

No. 495.—Life Insurance Companies—Percentage Distribution of Assets: 1920 to 1948

[Percent]

YEAR	U. S. Government securities	Foreign government, State, provincial, and local bonds	Securities of business and industry	Mortgages	Real estate	Policy loans	Miscellaneous assets	Total
1920	-------	-------	[1] 49.0	29.7	2.3	11.7	7.3	100.0
1925	5.6	5.8	26.9	41.6	2.3	12.5	5.3	100.0
1929	2.0	5.9	28.0	41.7	2.7	13.6	6.1	100.0
1930	1.8	6.0	28.3	40.1	2.9	14.9	6.0	100 0
1933	4.2	6.6	25.4	32.0	6.1	18.0	7.7	100.0
1935	12.6	7.6	25.0	23.0	8.6	15.2	8.0	100.0
1939	18.4	8.0	28.9	19.4	7.3	11.1	6.9	100.0
1940	19.0	8.1	29 8	19.3	6.7	10.0	7.1	100.0
1944	39.9	5.2	26.1	16.3	2.6	5.2	4.7	100.0
1945	45.9	4.3	24.8	14.8	1.9	4.4	3.9	100.0
1946	44.9	3 9	27.2	14.8	1.5	3.9	3.8	100.0
1947	38.7	3.8	31.2	16.8	1.7	3.7	4.1	100.0
1948	30.2	4.2	36.6	19.5	1.9	3.7	3.9	100.0

[1] Total of all classes of bonds.

Source: The Spectator, Philadelphia, Pa.; Insurance Year Book, Life Volume; and Institute of Life Insurance.

No. 496.—Life Insurance Companies—Financial Condition and Business: 1945 to 1948

[**Amounts in thousands of dollars.** See headnote, table 494]

ITEM	1945	1946	1947	1948
Number of companies	348	370	398	380
Income, total	7,673,987	8,067,772	8,981,726	9,602,542
Premium income, total	5,248,842	5,727,371	6,634,744	7,131,500
New premiums (except annuities)	470,589	589,866	635,572	5,077,881
Renewals (except annuities)	4,118,780	4,391,869	4,734,659	600,976
Annuities first year	171,850	202,359	171,378	166,861
Annuities renewal	397,958	441,956	546,806	632,608
Accident and health premiums			437,508	535,076
Supplementary contracts involving life contingencies	89,665	101,321	108,821	118,098
Interest, dividends, and real estate income	1,323,460	1,373,144	1,562,148	1,701,944
Other receipts	1,101,685	967,257	784,834	769,099
Disbursements, total	4,218,570	4,610,982	5,364,481	5,835,764
Paid to policyholders and beneficiaries, total	2,718,795	2,848,256	3,279,895	3,602,100
Death claims	1,282,156	1,274,442	1,335,701	1,433,252
Matured endowments	413,736	404,612	415,622	436,160
Annuities	184,790	198,984	214,361	229,892
Lapsed, surrendered, and purchased policies	240,675	327,331	389,940	472,855
Dividends to policyholders	472,441	507,204	567,001	610,515
Disabilities and double indemnities	124,997	135,683	122,037	124,889
Accident and health benefits			235,233	294,536
Paid on supplementary contracts	301,496	345,902	385,958	427,065
Dividends to stockholders	30,481	33,857	34,886	40,153
Profit and loss, etc	46,672	58,425	71,736	79,183
Insurance, taxes (including real estate), licenses, and fees	153,043	147,242	162,436	132,409
Real estate repairs and expenses	50,082	43,005	42,371	66,213
Commissions, new	164,264	219,899	235,329	226,974
Commissions, renewal	273,186	306,710	326,041	351,203
Commissions, annuities	12,689	13,733	12,229	13,723
Commissions, accident and health			63,587	73,942
Salaries and expenses of agents	147,528	183,574	221,114	253,352
Salaries of officers and employees	154,538	194,093	244,757	268,662
Rents	31,311	33,529	40,003	33,135
Other expenses	134,484	182,757	244,138	267,652
Admitted assets, Dec. 31, total	44,797,041	48,190,796	51,742,987	55,511,882
Real estate owned	856,703	734,937	860,199	1,054,438
Mortgages	6,635,982	7,154,745	8,674,577	10,822,703
U. S. Government bonds	20,582,788	21,639,051	20,020,582	16,807,245
Other bonds owned	12,023,085	13,711,011	16,735,846	21,157,562
Stock owned	998,609	1,247,228	1,390,483	1,427,237
Collateral loans	3,181	6,801	9,024	9,279
Premium notes	67,892	64,298	60,186	46,945
Loans to policyholders	1,893,984	1,826,468	1,876,822	1,907,425
Other assets	1,734,816	1,806,257	2,115,268	2,279,048
Liabilities, Dec. 31, total	42,312,265	45,575,864	48,306,683	51,802,925
Life insurance and annuity reserve	34,705,862	37,454,224	40,164,787	43,016,971
Disability and double indemnity reserve	1,208,240	1,204,787	1,254,165	1,283,004
Unearned premium reserve on accident and health			134,561	181,167
Reserve on supplementary contracts	2,752,743	3,042,553	3,328,302	3,677,036
All other liabilities	3,675,420	3,874,300	3,424,868	3,644,747
Special voluntary contingency, etc., reserves	786,608	690,733	667,023	1,051,186
Unassigned funds and capital	2,454,776	2,614,932	2,769,281	2,657,771
Surplus apportioned	465,433	507,880	534,639	577,074
New business:				
Total: Number	19,100,513	23,237,498	23,654,928	22,672,963
Amount	16,432,947	27,729,323	28,295,968	28,804,552
Ordinary: Number	5,415,323	7,562,177	7,682,644	8,282,931
Amount	10,943,529	16,775,641	16,897,394	17,091,168
Group: Number	4,805	6,260	9,083	10,300
Amount	1,519,455	6,111,274	6,205,313	6,669,975
Industrial: Number	13,680,385	15,669,061	15,963,201	14,379,732
Amount	3,969,964	4,842,409	5,193,261	5,043,409
Insurance in force, Dec. 31:				
Total: Number	154,306,989	162,628,282	168,139,902	169,604,545
Amount	155,722,778	174,553,352	191,263,881	206,578,439
Ordinary: Number	50,171,542	54,848,956	58,586,404	62,166,238
Amount	104,456,033	116,109,948	126,205,585	135,669,442
Group: Number	37,877	41,945	47,802	54,542
Amount	22,769,786	28,196,470	33,565,043	39,209,709
Industrial: Number	104,097,570	107,737,381	109,505,696	107,383,765
Amount	28,496,958	30,246,934	31,493,252	31,699,289

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Life Volume.

No. 497.—Life Insurance of Fraternal Orders: 1935 to 1948

[**Amounts in thousands of dollars.** Covers transactions (domestic and foreign) of fraternal orders in U. S. Excludes U. S. business of foreign concerns]

ITEM	1935	1940	1945	1946	1947	1948
Number reporting	266	215	180	175	174	174
Income, total	205,102	223,056	268,448	267,742	276,383	284,384
Net amount received from members	152,176	157,786	182,108	185,306	194,071	200,421
All other receipts	52,926	65,270	86,339	82,436	82,312	83,963
Expenditures, total	158,562	165,893	170,902	178,830	191,621	195,788
Paid for claims	111,005	117,575	100,578	118,916	123,891	124,332
Agents' commissions and examiners' fees	12,128	9,917	13,452	14,990	17,742	18,125
Expenses of management [1]	27,308	28,624	34,825	43,605	36,807	55,489
Assets, invested and other, Dec. 31	994,314	1,252,924	1,644,527	1,733,346	1,803,181	1,879,888
Liabilities, Dec. 31	715,569	1,080,625	1,384,385	1,505,747	1,567,502	1,676,955
Insurance account:						
Number of certificates in force at end of year	6,462,293	7,036,148	7,740,156	8,001,178	8,042,918	8,297,902
Amount written during year	562,794	522,305	668,775	924,379	911,069	943,397
Amount in force at end of year	6,182,538	628,644	6,923,482	7,360,769	7,789,884	8,044,016

[1] Includes taxes.

Source: The Spectator, Philadelphia, Pa ; Insurance Yearbook, Life Volume.

No. 498.—Life Insurance of Assessment Life Associations: 1935 to 1948

[**Amounts in thousands of dollars.** Covers transactions (domestic and foreign) of associations in U. S. Excludes U. S. business of foreign associations]

ITEM	1935	1940	1945	1946	1947	1948
Number reporting	59	58	43	48	49	47
Income, total	15,869	25,594	69,575	83,169	99,660	99,435
Net amount received from members	14,610	24.305	65,443	78,773	93,336	95,834
All other receipts	1,259	1,289	4,133	4,396	6,324	3,601
Expenditures, total	14,239	21,373	54,362	66,687	79,674	83,235
Paid for death claims	2,590	3,051	5,146	6,243	9,797	8,378
Other payments to members	4,863	7,666	24,560	30,899	31,427	38,146
Paid to agents and medical examiners	3,868	6,357	14,451	18,401	20,336	20,365
Expenses of management [1]	2,707	3,766	7,941	9,973	14,615	15,420
Total admitted assets, Dec. 31	25,452	27,152	77,315	95,435	116,155	121,581
Total liabilities, Dec. 31	17,526	20,944	51,262	58,702	75,151	75,236
Insurance account:						
Number of certificates in force at end of year	637,816	1,073,031	2,192,823	2,335,328	2,697,778	2,500,327
Amount written during year	74,725	71,350	67,837	73,910	106,080	50,653
Amount in force at end of year	241,747	204,217	284,645	283,777	352,713	235,660

[1] Includes taxes.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Life Volume.

No. 499.—Accident and Health Business of Casualty and Life Insurance Companies: 1947 and 1948

[**In thousands of dollars**]

ITEM	1947			1948		
	Aggregate	Casualty	Life	Aggregate	Casualty	Life
Premiums written:						
Accident and health	527,274	245,186	282,088	534,013	265,700	268,313
Group accident and health	319,872	123,111	196,761	401,009	152,049	248,960
Premiums earned:						
Accident and health	517,779	239,543	278,236	522,934	259,587	263,347
Group accident and health	305,443	115,388	190,055	390,573	145,663	244,910
Losses incurred (including adjustment expenses):						
Accident and health	217,602	120,214	97,388	229,064	127,292	101,772
Group accident and health	218,560	88,849	129,711	283,640	112,713	170,927
Underwriting expenses incurred:						
Accident and health	240,378	102,069	138,309	242,286	108,851	133,435
Group accident and health	53,406	21,612	31,794	64,427	25,377	39,050

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Casualty and Surety Volume.

No. 500.—Mutual Accident and Sick Benefit Associations—Financial Condition and Business Transacted: 1901 to 1948

[Money figures in thousands of dollars. Although many small companies have not reported all years, large companies have reported regularly, and figures are fairly comparable from year to year]

YEAR	Number of companies	Admitted assets	Net surplus	Premiums or assessments	Income (including interest)	Paid for claims	Paid to agents, medical examiners, and for management	Total disbursements	Number of certificates written during year	Number of certificates in force at end of year
1901	[1] 102	1,617	1,490	2,957	3,201	1,643	1,753	3,348	286,183	310,092
1905	[1] 165	3,769	3,198	6,134	7,513	3,513	3,330	6,862	667,809	887,804
1910	[1] 197	5,169	3,665	9,291	10,938	5,169	4,258	10,434	946,340	1,382,415
1915	[1] 177	7,103	4,483	10,969	12,555	6,955	4,354	11,769	693,654	1,359,368
1920	67	13,709	9,690	19,538	22,712	10,580	8,771	19,944	713,270	1,853,328
1925	167	46,682	31,558	40,807	44,903	22,395	15,019	36,672	807,722	2,170,562
1930	156	39,551	25,901	47,036	50,542	29,185	18,086	48,338	963,011	2,483,753
1935	109	39,419	21,417	32,707	35,764	20,011	12,274	32,964	716,697	1,914,519
1940	110	56,772	25,680	45,304	48,501	23,588	17,266	42,161	1,136,309	2,543,771
1941	104	65,137	30,877	52,046	55,671	26,696	19,988	48,038	1,101,257	2,589,476
1942	103	72,291	33,904	59,752	62,898	27,133	23,377	51,267	1,263,425	2,867,059
1943	99	85,435	38,552	67,014	71,234	29,029	26,428	56,663	1,230,189	3,053,913
1944	81	97,238	43,109	74,474	80,776	33,578	29,655	64,437	977,753	3,059,509
1945	79	115,450	45,678	86,863	91,710	39,208	29,836	66,076	[2] 800,141	[2] 2,891,168
1946	65	114,524	52,564	93,603	98,027	45,841	33,176	80,543	[2] 354,897	[2] 1,477,852
1947	65	133,250	57,913	111,667	115,864	52,337	42,260	96,707	[2] 1,161,441	[2] 3,765,000
1948	43	136,757	58,732	112,942	116,891	58,113	39,658	99,606	[3] 1,060,911	[2] 3,678,041

[1] Includes all known companies, whether reporting or not.
[2] 49 companies reporting in 1945; 43 companies in 1946; 46 companies in 1947; 34 companies in 1948.
[3] 32 companies reporting in 1948.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Casualty and Surety Volume.

No. 501.—Fire Losses, Total and Per Capita: 1876 to 1948

[Amounts, except per capita, in thousands of dollars. Continental United States only. Prior to 1916 figures are as compiled by the New York Journal of Commerce and include losses of $10,000 or over in the principal cities of the United States, adding 15 percent for small and unreported losses. These figures are not comparable with those shown for later years (the 1916 Journal of Commerce figure being $214,531,000 as against $258,378,000) which cover all fires reported to the Actuarial Bureau Committee, adding 25 percent for unreported and uninsured losses prior to 1935 and 30 percent thereafter. Estimated fire losses are based on paid losses]

YEARLY AVERAGE OR YEAR	LOSS		YEAR	LOSS		YEAR	LOSS		
	Amount	Index [1] 1926=100		Amount	Index [1] 1926=100		Amount	Index [1] 1926=100	Per [2] capita
1876–1880	69,912		1914	221,439	104.1	1931	451,644	89.8	$3.64
1881–1885	95,753		1915	172,033	77.3	1932	400,860	88.6	3.21
1886–1890	113,627		1916	[3] 258,378	103.6	1933	271,453	62.1	2.16
1891–1895	148,988		1917	289,535	103.1	1934	271,197	56.5	2.15
1896–1900	136,043		1918	353,879	110.1	1935	235,263	47.9	1.85
1901	165,818	139.1	1919	320,540	91.6	1936	266,659	56.1	2.08
1902	161,078	133.5	1920	447,887	99.1	1937	254,959	52.1	1.97
1903	145,302	114.9	1921	495,406	135.4	1938	258,478	54.4	1.99
1904	229,198	168.9	1922	506,541	123.0	1939	275,102	57.7	2.10
1905	165,222	113.8	1923	535,373	110.9	1940	285,879	57.3	2.17
1906	518,612	342.8	1924	549,062	115.6	1941	303,895	56.1	2.28
1907	215,085	125.7	1925	559,418	109.8	1942	314,295	49.7	2.35
1908	217,886	129.7	1926	561,981	100.0	1943	373,000	60.4	2.78
1909	188,705	105.9	1927	472,934	88.3	1944	437,273	69.6	3.30
1910	214,003	112.2	1928	464,607	84.4	1945	484,274	[4]	3.67
1911	217,005	110.9	1929	459,446	79.0	1946	554,070	[4]	3.96
1912	206,439	102.5	1930	501,981	94.0	1947	647,860	[4]	4.52
1913	203,764	98.0				1948	715,048	[4]	4.89

[1] Adjusted for fluctuations in commodity prices and for variations in amount of property exposed to loss.
[2] Based on population estimates of the Bureau of the Census. Excludes armed forces overseas.
[3] See headnote. [4] Not available.

Source: National Board of Fire Underwriters, New York, N. Y.; Report of the Committee on Statistics and Origin of Fires.

No. 502.—Business of Fire and Marine Insurers: 1935 to 1948

[In thousands of dollars except number of companies. Data cover transactions of both United States and foreign stock, mutual, and reciprocal companies in continental U. S., Territories, and possessions]

ITEM	1935	1940	1945	1946	1947	1948
ALL COMPANIES						
Total admitted assets, Dec. 31	2,550,534	3,006,381	4,326,873	4,580,030	5,080,534	5,663,877
Total liabilities except capital, Dec. 31 [1]	1,010,095	1,307,435	2,153,574	2,545,311	2,993,283	3,433,411
Unearned premiums reserve	746,324	961,794	1,333,124	1,694,960	2,045,761	2,369,232
Reserve for losses [2]	119,410	168,112	453,414	512,709	594,597	610,606
Capital paid up, Dec. 31 [3]	343,656	382,989	426,969	438,810	459,484	458,934
Surplus over capital and liabilities [4]	1,196,783	1,315,957	1,746,330	1,595,910	1,628,466	1,771,532
Net premiums written	837,345	1,129,016	1,555,935	2,042,435	2,453,468	2,740,726
Premiums earned	789,638	1,048,768	1,426,910	1,675,305	2,083,745	2,457,258
Total income	954,271	1,256,408	1,737,326	2,276,238	2,710,764	3,036,896
Losses paid	296,497	447,512	701,891	834,475	997,139	1,112,812
Expenses paid	378,789	441,487	566,200	730,128	860,558	953,987
Losses incurred [2]	308,817	512,691	810,397	957,725	1,172,247	1,208,892
Expenses incurred (includes taxes)	370,695	478,755	607,243	780,667	920,162	1,029,975
STOCK COMPANIES						
Number reporting	350	372	373	364	363	362
Total admitted assets, Dec. 31	2,236,376	2,592,966	3,689,991	3,887,057	4,348,263	4,811,189
Total liabilities except capital, Dec. 31 [1]	880,326	1,104,131	1,787,990	2,121,756	2,552,137	2,900,118
Unearned premiums reserve	656,093	820,136	1,119,328	1,432,664	1,746,999	2,012,278
Reserve for losses [2]	101,408	135,233	364,308	413,205	511,708	515,125
Capital paid up, Dec. 31	338,273	369,427	411,653	422,633	442,640	447,526
Surplus over capital and liabilities [4]	1,017,777	1,119,407	1,490,348	1,342,668	1,353,486	1,463,545
Net premiums written	702,620	932,074	1,252,253	1,658,308	2,057,092	2,256,741
Premiums earned	[5] 687,429	864,739	1,149,310	1,342,812	1,740,515	2,032,734
Total income	805,475	1,041,897	1,409,666	1,867,033	2,287,319	2,527,360
Losses paid	257,245	376,233	589,876	685,674	865,217	964,956
Expenses paid	338,432	381,207	482,833	628,185	752,780	826,182
Dividends paid to stockholders	66,305	63,525	59,842	65,779	58,752	66,784
Dividends paid to policyholders	568	1,151	1,303	1,283	1,094	2,091
Net remittance to home office	16,620	8,329	7,906	5,762	4,712	5,003
Other disbursements	46,338	107,901	121,751	123,409	137,928	180,204
Losses incurred [2]	[5] 277,606	431,711	667,965	780,604	1,017,136	1,026,867
Expenses incurred (includes taxes)	[5] 337,597	415,585	517,195	674,577	806,766	890,985
MUTUAL COMPANIES						
Number reporting	120	180	175	160	168	165
Total admitted assets, Dec. 31	268,448	340,772	547,322	602,400	622,271	706,033
Total liabilities except capital, Dec. 31 [1]	111,014	167,994	313,140	368,308	374,241	443,938
Unearned premiums reserve	79,274	121,680	189,768	233,830	263,206	309,931
Reserve for losses [2]	13,065	22,232	69,426	81,058	61,977	70,544
Guaranty fund	5,383	11,244	13,838	13,203	13,238	7,957
Surplus over capital and liabilities [4]	152,051	161,535	220,344	220,889	234,792	254,138
Net premiums written	111,536	156,298	251,769	321,801	316,698	376,285
Premiums earned	102,209	[6] 144,826	229,594	277,007	271,155	327,133
Total income	123,500	170,091	271,188	341,051	337,213	395,135
Losses paid	29,396	53,319	87,610	119,389	100,851	111,742
Expenses paid	33,098	47,866	66,730	83,265	84,000	99,989
Dividends paid to policyholders	39,416	37,679	50,992	51,237	57,388	70,416
Other disbursements	5,392	12,086	17,531	24,377	17,948	32,534
Losses incurred [2]	31,211	[6] 59,782	111,507	142,944	116,844	134,026
Expenses incurred (includes taxes)	33,098	[6] 50,388	73,787	87,783	90,101	107,174
RECIPROCAL COMPANIES						
Number reporting	19	43	40	37	40	38
Total admitted assets, Dec. 31	45,710	72,643	89,560	90,573	110,700	146,655
Total liabilities except capital, Dec. 31 [1]	18,755	35,310	52,444	55,247	66,905	89,355
Unearned premium reserve	10,957	19,978	24,028	28,466	35,556	47,023
Reserve for losses [2]	4,937	10,647	19,680	18,446	20,912	24,937
Guaranty fund	(7)	2,318	1,478	2,974	3,606	3,451
Surplus over capital and liabilities [4]	[3] 26,955	35,015	35,638	32,353	40,188	53,849
Net premiums written	23,189	40,644	51,913	62,326	79,678	107,700
Premiums earned	(7)	39,203	48,006	55,486	72,075	97,391
Total income	25,296	44,420	56,472	68,154	86,232	114,401
Losses paid	9,856	17,960	24,405	29,412	31,071	36,114
Expenses paid	7,259	12,414	16,637	18,678	23,778	27,816
Dividends paid to subscribers	4,681	6,047	4,209	3,365	3,335	4,158
Other disbursements	1,724	5,455	5,514	5,775	7,166	13,216
Losses incurred [2]	(7)	21,198	30,925	34,177	38,267	47,999
Expenses incurred (includes taxes)	(7)	12,782	16,261	18,307	23,295	31,816

[1] Includes voluntary reserve. [2] Includes adjustment expenses. [3] Includes guaranty fund.
[4] Excludes voluntary reserve. [5] 341 companies reporting. [6] 175 companies reporting.
[7] Not available.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Fire and Marine Volume.

No. 503.—Business of Casualty Insurers: 1935 to 1948

[In thousands of dollars except number of companies. Data cover transactions of both United States and foreign stock, mutual, and reciprocal companies in continental U. S., Territories, and possessions]

ITEM	1935	1940	1945	1946	1947	1948
ALL COMPANIES						
Total admitted assets, Dec. 31	1,466,073	2,098,598	3,426,377	3,696,014	4,225,782	4,853,514
Total liabilities except capital, Dec. 31 [1]	1,023,430	1,413,469	2,381,871	2,652,172	3,101,539	3,619,255
Unearned premiums reserve	343,399	449,070	677,678	848,107	1,054,024	1,262,036
Reserve for losses [2]	519,449	722,268	1,203,878	1,345,100	1,542,787	1,764,447
Capital paid up, Dec. 31 [3]	148,270	173,623	229,230	234,267	240,632	255,026
Surplus over capital and liabilities [4]	323,342	511,506	815,277	809,575	883,612	979,233
Net premiums written	841,633	1,088,525	1,631,649	2,011,263	2,591,064	3,071,838
Premiums earned	793,531	1,042,535	1,539,213	1,836,382	2,375,015	2,854,924
Total income	905,407	1,167,002	1,743,699	2,155,576	2,755,883	3,217,778
Losses paid	371,627	435,576	681,675	859,920	1,023,904	1,208,873
Expenses paid	277,540	358,882	486,719	618,387	763,787	900,881
Losses incurred [2]	459,317	555,802	886,849	1,147,486	1,411,829	1,655,595
Expenses incurred (includes taxes)	301,133	391,137	531,906	671,453	836,437	982,374
STOCK COMPANIES						
Number reporting	179	190	190	193	206	219
Total admitted assets, Dec. 31	1,213,184	1,668,441	2,658,120	2,849,833	3,246,874	3,710,931
Total liabilities except capital, Dec. 31 [1]	843,579	1,090,715	1,780,217	1,973,059	2,315,305	2,716,367
Unearned premiums reserve	290,669	365,706	543,261	669,434	840,019	1,005,099
Reserve for losses [2]	424,052	538,740	859,189	967,896	1,115,379	1,282,735
Capital paid up, Dec. 31	147,300	168,532	216,500	222,466	227,326	240,276
Surplus over capital and liabilities [4]	222,305	409,194	661,404	654,307	704,243	754,288
Net premiums written	666,304	815,337	1,194,108	1,452,686	1,876,507	2,231,574
Premiums earned	[5] 649,701	795,285	1,123,246	1,322,027	1,707,741	2,062,489
Total income	718,627	879,326	1,285,660	1,568,944	2,014,409	2,349,785
Losses paid	297,721	317,729	483,636	594,116	726,125	870,742
Expenses paid	238,158	298,564	395,039	494,021	612,224	717,781
Dividends paid to stockholders	15,913	27,439	42,406	32,548	34,978	40,120
Dividends paid to policyholders	3,192	8,655	13,717	13,223	14,804	20,233
Net remittance to home office	3,365	4,581	5,939	4,418	3,119	3,177
Other disbursements	91,035	137,088	173,984	183,281	206,921	244,799
Losses incurred [2]	[5] 383,235	411,709	625,794	809,282	1,005,614	1,194,790
Expenses incurred (includes taxes)	[5] 255,796	331,261	428,932	540,367	670,831	784,091
MUTUAL COMPANIES						
Number reporting	80	100	100	100	100	100
Total admitted assets, Dec. 31	212,756	374,629	692,652	756,257	874,659	1,013,028
Total liabilities except capital, Dec. 31 [1]	160,256	288,035	548,910	614,112	713,623	814,119
Unearned premiums reserve	43,831	69,055	119,421	152,371	187,743	221,630
Reserve for losses [2]	87,396	169,374	316,716	347,016	393,957	443,244
Guaranty fund	970	4,120	10,855	9,995	11,257	12,016
Surplus over capital and liabilities [4]	51,529	82,474	132,887	132,151	149,779	186,893
Net premiums written	150,247	233,514	385,544	482,695	625,220	731,770
Premiums earned	[6] 143,830	210,248	367,089	450,509	584,890	691,192
Total income	159,863	245,182	403,652	505,291	646,697	753,622
Losses paid	62,954	100,768	172,775	227,960	262,463	299,223
Expenses paid	31,889	48,591	77,387	103,292	127,235	151,040
Dividends paid to policyholders	19,709	34,855	51,100	51,247	59,894	71,809
Other disbursements	17,801	28,399	43,062	56,461	67,714	84,858
Losses incurred [2]	[6] 76,082	123,120	229,854	296,466	359,920	406,448
Expenses incurred (includes taxes)	[6] 45,337	48,024	87,365	111,889	141,376	166,561
RECIPROCAL COMPANIES						
Number reporting	22	25	21	21	23	23
Total admitted assets, Dec. 31	40,133	55,528	75,605	89,924	104,249	129,555
Total liabilities except capital, Dec. 31 [4]	19,595	34,719	52,744	65,001	72,611	88,769
Unearned premiums reserve	8,899	14,309	14,996	26,302	26,262	35,307
Reserve for losses [2]	8,001	14,154	27,973	30,158	33,451	38,468
Guaranty fund	(7)	971	1,875	1,806	2,049	2,734
Surplus over capital and liabilities [4]	[3] 20,537	19,838	20,986	23,117	29,590	38,052
Net premiums written	25,082	39,674	51,997	75,882	89,337	108,494
Premiums earned	(7)	37,002	48,878	63,846	82,384	101,243
Total income	26,917	42,494	54,387	81,341	94,777	114,371
Losses paid	10,952	17,079	25,264	37,844	35,316	38,908
Expenses paid	7,493	11,727	14,293	21,074	24,328	32,060
Dividends paid to subscribers	2,934	4,674	4,688	4,052	4,831	3,320
Other disbursements	2,944	4,724	5,398	7,083	8,181	9,227
Losses incurred [2]	(7)	20,973	31,201	41,738	46,295	54,357
Expenses incurred (includes taxes)	(7)	11,852	15,609	19,197	24,230	31,722

[1] Includes voluntary reserve.
[2] Includes adjustment expenses.
[3] Includes guaranty fund.
[4] Excludes voluntary reserve.
[5] 174 companies reporting.
[6] 79 companies reporting.
[7] Not available.

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Casualty and Surety Volume.

No. 504.—Life, Fire, and Casualty Insurance Business, by States: 1948

[**In thousands of dollars.** Totals in this table differ from figures for corresponding items in preceding tables because data by States are compiled for all companies operating in each State whereas aggregates shown in other tables cover data for companies from which annual reports were obtained]

State	Life			Fire		Casualty	
	Premiums received	Insurance in force, Dec. 31	Death claims	Premiums written	Losses incurred	Premiums written	Losses paid
Total	**5,905,697**	**216,351,704**	**2,023,674**	**2,344,555**	**953,839**	**4,181,487**	**1,852,862**
Alabama	70,325	2,392,232	18,201	29,190	8,372	30,152	13,617
Arizona	15,318	557,364	4,429	11,603	4,691	11,086	4,261
Arkansas	26,256	968,020	8,453	24,019	10,991	21,243	7,392
California	368,850	13,075,099	117,396	203,921	72,161	429,669	167,490
Colorado	43,983	1,634,286	16,285	19,115	9,900	29,020	10,472
Connecticut	109,094	3,998,356	44,423	33,856	12,703	77,383	37,735
Delaware	17,534	620,467	7,479	5,499	2,168	6,738	2,440
District of Columbia	45,861	1,818,231	15,086	10,139	3,540	24,010	11,818
Florida	88,601	2,690,259	27,224	48,304	17,840	55,806	24,468
Georgia	98,908	3,310,477	27,540	42,110	14,781	41,704	18,462
Idaho	12,334	438,867	3,368	8,115	3,500	11,751	4,231
Illinois	416,741	15,305,132	138,989	153,025	68,504	310,103	140,998
Indiana	141,590	5,451,136	42,440	55,224	28,324	116,131	49,587
Iowa	80,358	3,024,546	22,803	34,766	14,428	68,599	27,611
Kansas	54,580	2,050,229	13,355	32,608	21,869	40,780	16,935
Kentucky	64,970	2,338,573	20,460	34,431	13,202	45,341	19,166
Louisiana	50,789	2,040,313	17,953	42,846	17,423	43,158	19,525
Maine	29,658	983,134	10,480	16,242	8,906	19,908	8,314
Maryland	96,001	3,347,163	33,940	30,753	12,696	52,996	24,380
Massachusetts	221,455	7,626,690	87,872	73,931	31,296	184,028	92,202
Michigan	223,005	9,194,983	71,430	81,611	38,449	213,933	103,331
Minnesota	97,301	3,721,782	31,103	37,507	14,969	80,024	33,175
Mississippi	26,890	937,788	9,043	20,548	10,568	19,791	7,527
Missouri	156,489	5,424,704	49,921	58,958	23,572	99,728	38,984
Montana	15,690	567,929	4,894	12,238	4,818	10,734	3,712
Nebraska	41,833	1,540,056	14,424	19,203	7,647	32,500	13,196
Nevada	4,213	153,687	1,235	3,689	1,843	3,373	1,380
New Hampshire	22,055	736,623	8,265	9,259	3,386	19,022	10,199
New Jersey	255,851	9,208,096	97,741	82,277	34,765	151,288	60,145
New Mexico	10,021	360,570	2,148	9,170	3,623	11,465	3,784
New York	827,687	29,849,299	351,127	357,189	156,489	621,974	292,757
North Carolina	96,290	3,504,883	23,856	46,348	18,078	50,899	22,063
North Dakota	13,414	494,052	2,639	10,025	3,435	10,326	3,339
Ohio	353,455	13,282,264	128,234	106,120	48,214	209,687	99,626
Oklahoma	48,994	1,975,346	19,907	34,396	12,903	41,656	18,361
Oregon	42,448	1,499,792	13,799	32,694	9,607	38,704	14,406
Pennsylvania	498,596	18,008,746	175,928	134,387	51,045	260,120	122,406
Rhode Island	39,811	1,314,776	14,388	11,230	3,919	24,170	11,930
South Carolina	55,788	1,803,508	13,071	23,085	7,412	26,071	11,984
South Dakota	14,161	492,886	3,589	11,401	4,644	10,133	3,632
Tennessee	79,002	2,865,781	28,332	38,034	12,824	47,659	20,776
Texas	191,979	7,687,646	46,131	134,997	45,122	178,095	74,361
Utah	20,689	769,775	5,273	7,629	3,023	10,925	4,639
Vermont	13,250	445,277	5,268	4,100	1,553	8,403	4,031
Virginia	97,385	3,396,931	29,947	36,871	12,431	55,908	23,595
Washington	68,116	2,451,580	20,410	45,247	15,818	51,549	19,242
West Virginia	47,692	1,857,736	15,603	23,689	8,062	31,593	15,149
Wisconsin	125,001	4,587,946	36,823	38,128	16,127	104,702	47,139
Wyoming	6,921	260,402	1,729	4,828	2,078	4,977	1,530
Alaska	1,017	36,120	267	----	----	----	----
Canal Zone	70	3,101	49	----	----	----	----
Hawaii	14,798	504,302	11,618	----	----	----	----
Puerto Rico	3,074	76,922	965	----	----	----	----
Canada	322,477	13,077,567	92,017	----	----	132,460	65,360
Mexico	134	34,497	24	----	----	----	----
Philippine Islands	5,500	106,614	10,129	----	----	----	----
Foreign countries	607	19,191	205	----	----	----	----
Miscellaneous	10,787	427,972	3,966	----	----	----	----

Source: The Spectator, Philadelphia, Pa.; Insurance Yearbook, Life Volume, Fire and Marine Volume, and Casualty and Surety Volume.

17. Business Enterprise

General.—Statistics in this section relate in general to the place and the behavior of the business firm and business initiative in the American economy. More specifically, the data show measures of and changes in business population, corporate assets and liabilities, certain types of business income and expenditure, and patents and copyrights.

Business population and turnover.—These estimates of Office of Business Economics (see tables 505 and 506) are based on data from a number of sources, particularly Bureau of the Census, Bureau of Internal Revenue, and Bureau of Old-Age and Survivors Insurance. A firm is defined here as a business organization under a single management and may include one or more plants or outlets; a firm doing business in more than one industry is counted only in that industry accounting for the highest proportion of its total employment. A self-employed person is considered a firm only if he has either one or more employees or has an established place of business. This count of business population differs from that of the Bureau of the Census which ordinarily represents a count of establishments, i. e., manufacturing plants or retail stores.

The number of new and discontinued businesses is estimated from tabulations prepared by the Bureau of Old-Age and Survivors Insurance, which show the number of employer identification numbers issued and canceled each quarter.

Business transfers represent purchases of going businesses, acquisitions of businesses through inheritance, transfers of businesses to a trustee or executor as well as changes in the form of business organization. The data are not directly comparable with those on new firms and discontinuances.

Information on new incorporations is collected by Dun & Bradstreet and is available monthly, by States, beginning in July 1945. The statistics include both completely new businesses which are incorporated, and changes in existing businesses from the noncorporate to the corporate form of organization, the transfer of an existing corporation to a new State, etc.

Corporate assets and liabilities.—These data are from the Bureau of Internal Revenue and the Securities and Exchange Commission. In its annual report, *Statistics of Income, Part 2*, the Bureau of Internal Revenue presents abbreviated balance sheet and income account data for all United States corporations. In a quarterly release entitled *Net Working Capital of U. S. Corporations*, the Securities and Exchange Commission publishes data on the net working capital position of all United States corporations, exclusive of banks and insurance companies, showing the principal components of current assets and liabilities.

Corporation income, profits, dividends, and taxes.—The Bureau of Internal Revenue, the Office of Business Economics of the Department of Commerce, and the Board of Governors of the Federal Reserve System are the principal sources of statistics on these subjects. The statistics of these agencies overlap in many respects but are not comparable because of differing purposes of compilation.

Corporation statistics based on income tax returns are published by the Bureau of Internal Revenue in the annual *Statistics of Income, Part 2*.

Corporate data of the Office of Business Economics are from statistics on national income and product which may be found in its *Survey of Current Business*. In par-

ticular, see regular monthly issues of July 1949 and February 1950, and National Income Supplement of July 1947. These data are defined as required for purposes of national income estimation.

The primary sources of data for the Office of Business Economics estimates of profits, taxes, dividends, and undistributed profits are the original corporate tax returns submitted to the Bureau of Internal Revenue and summarized in the annual report on *Statistics of Income, Part 2.* Various adjustments of the *Statistics of Income* data have been required by the national income treatment, particularly with respect to depletion, capital gain or loss, and intercorporate dividends and because the original corporate income statements do not represent the final stage of information. For details of these adjustments, see table 38 of the reports on national income and product in the *Survey of Current Business* issues cited above. That table provides a reconciliation between the national income profit series and those reported in *Statistics of Income.*

Unincorporated enterprises.—These data also are from the national income and product statistics of the Office of Business Economics. Net income of these enterprises is a composite income share. It includes return on proprietors' investment and risk, as well as return from proprietors' own labor and any labor contributed by proprietors' families to the business.

Sources and uses of corporate funds.—These data indicate capital requirements of corporations and manner in which they are financed. Sources of funds should be equal to their uses. Certain discrepancies, however, apart from errors in estimation interfere with this equality. These discrepancies are not particularly significant and are due to omission of such factors as (1) money accruing to corporations from an excess of sales over purchases of used plant and equipment (2) transactions in securities held as permanent investments except public offerings, and (3) the fact that net new issues omit entrepreneurial capital for new corporations where no offering or sales of securities are made to the public or to institutions. Liquidation of such corporations is similarly not reflected.

Business sales and inventories.—These data include all companies, both corporate and noncorporate, major activities of which are in manufacturing or trade. Farm and other nonfarm businesses are not included. The manufacturing figures are the sum of (1) totals for corporations from Bureau of Internal Revenue *Statistics of Income* data for 1939–46 and projections of 1946 figures by means of a representative sample of manufacturing corporations for 1947–49, and (2) estimates for unincorporated enterprises projected, by means of sample data, back to 1939 and forward to 1949 from benchmarks on sole proprietorships and partnerships from Bureau of Internal Revenue for the year 1945.

Retail and wholesale trade estimates are based on figures in 1939 Census of Business, carried forward by means of sample data, Bureau of Internal Revenue compilations, and other information.

Net change in business inventories.—To ascertain net physical change in nonfarm inventories, book values of beginning and ending inventories of each year are expressed in terms of constant base year prices by means of selected Bureau of Labor Statistics wholesale price indexes appropriate to each industry. Net increment in deflated book value figures is then converted to a current price basis by index ratios of current prices to base year prices. No inventory valuation adjustment is shown for farm inventories because change in farm inventories is estimated (by Bureau of Agricultural Economics) from physical quantity data.

No. 505.—Number of Firms in Operation, 1929 to 1948, and New and Discontinued Businesses, Transfers, and New Incorporations, 1944 to 1949

[**In thousands except new incorporations.** Data are for continental United States. Excludes firms in agriculture, forestry, fishing and the professional services. New businesses include only firms which have been newly established; going concerns which have been purchased are considered business transfers. Discontinued businesses include closures of all kinds without reference to reason for discontinuing—e. g., failure, retirement, illness of proprietor, etc.]

DATE	All industries	Mining and quarrying	Contract construction	Manufacturing	Transportation, communication, and other public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Service industries
NUMBER OF FIRMS									
(Annual averages)									
1929	3,097.1	38.0	233.0	257.6	117.2	114.9	1,341.1	324.8	670.5
1933	2,847.2	34.3	184.7	167.1	105.5	110.0	1,304.4	289.1	652.1
1935	3,065.2	37.2	179.8	205.7	125.0	122.0	1,403.8	291.8	699 8
1939	3,305.6	36 0	199.7	223 0	143.2	137 0	1,558.9	306 0	701.8
1940	3,382 8	37.3	199.2	226.7	148.0	146.8	1,596.0	310 5	718.3
1941	3,363.6	38.8	186.8	235.3	145 8	155.1	1,590.1	305 8	705.8
1942	3,302.2	36.4	177.2	237.9	140.8	156.5	1,541.8	312.4	699.2
1943	3,045.1	32.3	157.5	238.8	121 0	141.5	1,400 3	301 2	652 5
1944	3,062.2	31.0	153.4	245.2	123.8	146.1	1,393.3	312 3	657.1
1945	3,258.4	31.2	176.7	262.8	139 9	159 7	1,456.6	325 4	706.0
1946	3,605.4	32 4	242.6	301.9	163.0	181.1	1,574.0	337.6	772.8
1947	3,879.0	33.8	289.3	330.5	180.8	196.6	1,672.8	344.7	830.5
1948	3,976.1	35.0	318.4	327.9	187.5	202.1	1,704.7	346.3	854.2
NEW BUSINESSES									
1944	354.9	3.8	29.4	36.0	25.6	18.5	127.3	26.5	87.8
1945	429.8	4.0	56.0	48.3	27.9	22.4	150.1	25.3	95.8
1946	619.8	5.0	94.9	76.7	40.0	31.9	216.4	26.7	128.3
1947	472.8	5.0	74.3	49.9	28.4	23.3	169.2	19.9	102.8
1948	394 6	5.9	64 8	39.7	23.2	18.3	139.9	18.3	84.4
1st quarter	112.3	1.4	18.8	11.4	6.7	5.4	38.4	4.7	25.4
2d quarter	114.3	1.9	20.4	11.7	6.3	5.0	39.9	5.3	23.8
3d quarter	90.4	1.5	14.4	9.2	5.4	4.1	32.8	4.2	18.8
4th quarter	77.6	1.0	11.3	7.5	4.7	3.9	28.8	4.0	16.4
1949:									
1st quarter	95.0	1.1	16.1	9.1	5.5	4.4	34.5	4.6	19.8
2d quarter	99.0	1.0	16.9	9.0	5.3	4.2	37.9	4.6	20.0
3d quarter	84.5	1.0	12.9	7.1	4.5	3.8	34.5	4.1	16.6
DISCONTINUED									
1944	198.4	3.9	16.5	21.9	11.2	6.6	78.0	14.7	45.7
1945	202.6	3.7	18.1	26.7	11.1	7.3	75.6	13.8	46.4
1946	226.4	3.2	26.6	29.2	14.3	8.9	79.1	14.1	51.2
1947	291.8	4.0	36.5	41.1	17.1	13.1	102.7	16.3	60.9
1948	373.6	5.1	45.1	49.7	19.7	16.1	141.1	18.0	78.9
1st quarter	89.2	1.3	10.5	11.9	4.9	4.3	32.3	4.8	19.2
2d quarter	87.0	1.0	10.7	11.1	4.7	4.0	33.1	4.0	18.4
3d quarter	95.5	1.2	10.9	11.5	4.9	3.8	37.7	4.7	20.7
4th quarter	102.0	1.5	12.9	15.3	5.2	4.0	38.0	4.5	20.6
1949:									
1st quarter	121.6	2.1	16.6	21.0	6.1	4.7	43.1	4.8	23.2
2d quarter	125.2	2.0	17.3	20.8	5.7	4.4	46.7	5.1	23.1
3d quarter (preliminary)	101.0	1.6	14.0	16.8	4.6	3.6	37.7	4.1	18.6

ITEM	TRANSFERS AND INCORPORATIONS				
	1945	1946	1947	1948	1949 (prel.)
Business transfers	348.0	437.4	404.1	357.0	335.5
New incorporations [1]	[2] 35,781	132,916	112,638	96,101	85,491

[1] Compiled by Dun and Bradstreet, Inc. Available only since July 1945.
[2] 47 States (excludes Louisiana).

Source: Departent of Commerce, Office of Business Economics; published currently in Survey of Current Business.

No. 506.—Number of Firms in Operation, March 31, 1947 to 1949, and Number of New and Discontinued Businesses, 1947, and 1948, by States and Regions

[In thousands. Data are for continental U. S. Based on data from Bureau of Old-Age and Survivors Insurance. Firms doing business in more than 1 State counted only once and classified in State of firm's reporting headquarters]

State and region	Firms in operation			New businesses		Discontinued businesses	
	1947	1948 [1]	1949 [1]	1947	1948 [1]	1947	1948 [1]
United States	**3,839.7**	**3,966.8**	**3,935.3**	**472.8**	**394.6**	**291.8**	**373.6**
New England	**272.8**	**274.1**	**269.7**	**25.0**	**20.2**	**16.4**	**21.8**
Connecticut	58.8	57.8	56.9	4.7	4.2	4.1	4.2
Maine	29.3	29.5	29.4	3.1	2.3	2.1	2.4
Massachusetts	134.8	136.6	133.6	12.6	9.6	7.0	11.0
New Hampshire	17.5	17.4	16.8	1.7	1.4	1.2	1.8
Rhode Island	21.4	21.8	21.9	1.9	1.7	1.2	1.6
Vermont	11.0	11.0	11.1	1.0	1.0	.8	.8
Middle East	**1,015.1**	**1,026.8**	**1,030.6**	**104.3**	**95.5**	**76.4**	**84.8**
Delaware	8.8	9.0	9.2	1.0	.9	.7	.7
District of Columbia	22.9	22.8	22.2	1.9	1.7	1.7	2.3
Maryland	49.5	50.5	50.0	5.8	4.8	4.0	5.1
New Jersey	142.7	143.1	142.8	12.5	11.2	9.4	12.0
New York	519.0	518.3	521.2	53.4	48.7	45.8	43.4
Pennsylvania	236.3	245.3	245.4	24.7	22.5	11.9	18.2
West Virginia	36.1	37.9	39.8	5.0	5.6	2.9	3.1
Southeast	**562.3**	**604.2**	**604.4**	**89.3**	**72.2**	**40.3**	**61.0**
Alabama	48.8	52.9	51.5	7.4	6.1	3.3	5.6
Arkansas	35.3	39.5	37.8	7.0	4.5	1.6	5.0
Florida	73.4	83.0	82.4	16.0	14.1	6.8	12.9
Georgia	61.4	64.3	64.7	8.1	5.6	4.2	2.8
Kentucky	48.7	52.9	54.2	7.7	6.7	3.2	4.7
Louisiana	46.0	48.8	47.5	7.2	5.8	3.4	6.0
Mississippi	30.7	32.3	32.5	4.6	3.6	2.5	3.1
North Carolina	66.7	70.6	71.7	10.2	8.2	4.1	6.6
South Carolina	32.8	34.8	35.5	4.8	3.8	2.3	2.8
Tennessee	57.1	59.3	59.9	7.5	6.3	4.5	5.4
Virginia	61.4	65.7	66.7	9.0	7.5	4.3	6.2
Southwest	**278.1**	**295.0**	**291.6**	**44.6**	**35.2**	**27.2**	**32.9**
Arizona	17.3	19.2	18.7	4.2	3.3	1.8	3.1
New Mexico	14.8	15.9	15.3	2.8	2.1	1.6	2.4
Oklahoma	52.0	54.6	52.9	7.2	4.8	4.8	5.1
Texas	193.9	205.3	204.8	30.4	25.1	19.0	22.3
Central	**1,071.4**	**1,085.0**	**1,075.1**	**100.2**	**91.6**	**73.1**	**92.6**
Illinois	267.7	267.7	264.4	20.3	21.6	18.9	24.4
Indiana	96.6	99.0	97.9	10.7	8.5	7.0	9.2
Iowa	75.0	76.2	73.9	6.3	5.1	4.1	6.2
Michigan	155.4	158.5	157.0	16.9	16.9	11.5	16.2
Minnesota	179.0	79.6	78.7	7.5	5.9	4.6	7.0
Missouri	108.4	109.9	107.3	11.3	8.1	8.1	9.7
Ohio	192.4	194.8	198.0	18.8	18.1	13.7	13.2
Wisconsin	96.9	99.3	98.1	8.5	7.5	5.3	6.8
Northwest	**216.9**	**221.3**	**217.2**	**26.8**	**19.7**	**18.7**	**21.5**
Colorado	36.0	36.6	35.0	5.2	4.1	4.4	4.9
Idaho	15.2	15.4	15.0	2.5	1.7	1.8	2.0
Kansas	55.2	56.6	56.3	6.3	4.6	4.4	4.3
Montana	17.8	18.2	18.0	2.2	1.7	1.5	1.8
Nebraska	38.1	38.3	37.4	3.8	2.9	2.8	3.4
North Dakota	14.6	14.7	14.4	1.4	1.0	.9	1.2
South Dakota	16.9	17.7	17.5	2.0	1.4	1.0	1.5
Utah	14.8	15.4	15.2	2.3	1.4	1.2	1.5
Wyoming	8.3	8.5	8.3	1.1	.9	.7	1.0
Far West	**423.0**	**460.4**	**446.6**	**82.2**	**60.1**	**39.6**	**59.1**
California	306.8	338.8	329.2	62.9	44.5	27.8	41.9
Nevada	5.6	5.9	5.7	1.2	.9	.7	1.0
Oregon	45.6	48.0	46.3	7.9	6.9	5.1	7.2
Washington	65.1	67.7	65.4	10.3	7.7	6.0	8.9

[1] Preliminary.

Source: U. S. Department of Commerce, Office of Business Economics; Survey of Current Business.

No. 507.—Corporation Assets and Liabilities: 1930 to 1946

[**Money figures in millions of dollars.** See headnote, table 509]

ITEM	1930	1935	1940	1943	1944	1945	1946
Returns of active corportions, number	463,036	477,113	473,042	420,521	412,467	421,125	491,152
Balance sheets, number [1]	403,173	415,205	413,716	366,870	363,056	374,950	440,750
Total assets or liabilities [2]	**334,002**	**303,150**	**320,478**	**389,524**	**418,324**	**441,461**	**454,705**
ASSETS							
Cash [3]	21,012	23,664	41,423	50,271	52,783	57,717	58,502
Notes and accounts receivable [4]	59,675	38,690	42,864	45,728	47,894	51,630	61,371
Inventories	18,771	14,788	19,463	27,187	26,476	26,067	36,965
Investments, government obligations [5]	10,228	21,863	29,570	86,655	111,219	129,935	109,910
Other investments	83,809	90,163	80,429	72,064	74,392	74,026	77,089
Capital assets (less depreciation and depletion reserves)	120,994	100,480	100,214	97,728	95,128	92,057	100,329
Other assets	19,511	13,501	6,514	9,889	10,431	10,029	10,541
LIABILITIES							
Notes and accounts payable	26,870	25,332	22,683	24,265	24,861	24,663	30,840
Bonded debt and mortgages	50,282	49,822	49,199	43,735	42,454	40,987	44,968
Other liabilities	95,568	89,066	110,210	175,859	200,550	221,286	214,283
Capital stock: [6]							
Preferred	19,117	19,533	17,138	15,067	15,112	14,764	14,857
Common	87,067	82,733	72,292	64,481	64,785	64,747	68,334
Surplus and undivided profits [7]	61,832	48,828	61,633	75,837	79,757	83,585	89,840
Deficit [8]	6,734	12,163	12,676	9,720	9,195	8,571	8,416
Net surplus	55,098	36,665	48,957	66,117	70,562	75,014	81,423

[1] Excludes returns with fragmentary balance sheet data.
[2] Adjustments are made in tabulating data as follows: (1) Reserves for depreciation, depletion, amortization, and bad debts, when reported under liabilities are used to reduce corresponding asset account, and "Total assets" and "Total liabilities" are decreased by amount of such reserves; and (2) a deficit in surplus, reported under assets, is transferred to liabilities, and "Total assets" and "Total liabilities" are decreased by amount of deficit.
[3] Cash in till and deposits in banks.
[4] Less reserve for bad debts. Includes loans and discounts of banks.
[5] Consists of obligations of United States or any agency or instrumentality thereof; obligations of States, Territories, and political subdivisions thereof, District of Columbia, and United States possessions.
[6] For balance sheets in which common and preferred stock are not reported separately, combined amount is tabulated as "Common stock."
[7] Consists of sum of positive amounts of "Paid-in or capital surplus," "Earned surplus and undivided profits," and "Surplus reserves."
[8] Consists of negative amounts for "Earned surplus and undivided profits."

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

No. 508.—Current Assets and Liabilities of U. S. Corporations: 1939 to 1949

[**In billions of dollars.** Covers all U. S. corporations excluding banks and insurance companies. 1939–1946 based on Bureau of Internal Revenue Statistics of Income, covering virtually all corporations in United States; for 1947–49 estimated (subject to revision), based on data compiled from many different sources, including data on corporations registered with Securities and Exchange Commission. Figures as of end of specified years]

ASSETS AND LIABILITIES	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
Current assets, total	**54.5**	**60.3**	**72.9**	**83.6**	**93.8**	**97.2**	**97.4**	**108.1**	**119.9**	**126.7**	**124.1**
Cash on hand and in banks	10.8	13.1	13.9	17.6	21.6	21.6	21.7	22.8	24.1	24.0	24.9
U. S. Government securities	2.2	2.0	4.0	10.1	16.4	20.9	21.1	15.3	13.8	13.9	15.7
Receivables from U. S. Government [1]	----	.1	.6	4.0	5.0	4.7	2.7	.7	36.4	38.7	38.3
Other notes and accounts receivable	22.1	23.9	27.4	23.3	21.9	21.8	23.2	30.0			
Inventories	18.0	19.8	25.6	27.3	27.6	26.8	26.3	37.6	43.9	48.5	43.8
Other current assets [2]	1.4	1.5	1.4	1.3	1.3	1.4	2.4	1.7	1.6	1.6	1.4
Current liabilities, total	**30.0**	**32.8**	**40.7**	**47.3**	**51.6**	**51.7**	**45.8**	**51.9**	**59.3**	**61.9**	**56.4**
Advances and prepayments, U. S. Government [1]	----	.6	.8	2.0	2.2	1.8	.9	.1	35.6	37.1	33.7
Other notes and accounts payable	21.9	22.6	25.6	24.0	24.1	25.0	24.8	31.5			
Federal income tax liabilities	1.2	2.5	7.1	12.6	16.6	15.5	10.4	8.5	10.6	11.6	9.7
Other current liabilities [3]	6.9	7.1	7.2	8.7	8.7	9.4	9.7	11.8	13.1	13.1	13.0
Net working capital	24.5	27.5	32.3	36.3	42.1	45.6	51.6	56.2	60.6	64.8	67.7

[1] Receivables from and payables to U. S. Government exclude amounts offset against each other on corporation's books or amounts arising from subcontracting which are not directly due from or to U. S. Government.
[2] Includes marketable securities other than U. S. Government.
[3] Beginning 1942 includes provisions for renegotiation other than those combined with income tax liabilities.

Source: Securities and Exchange Commission; Statistical Series, Working Capital of U. S. Corporations. Data are published quarterly.

No. 509.—Corporation Receipts, Deductions, Profits, and Tax: 1925 to 1946

[Includes data for Alaska, District of Columbia, and Hawaii; based on income tax returns as filed, prior to audit adjustments or other changes made after the returns were filed, as the result of carry-backs, relief granted under section 722 of the Internal Revenue Code, recomputation of amortization of emergency facilities, or renegotiation of war contracts. All corporations are required to file returns except those specifically exempt, such as mutual, fraternal, civic, and charitable organizations not operating for profit. Returns of inactive corporations are excluded from these tabulations, except as noted. In comparing data over a period of years, changes in law must be taken into consideration, especially discontinuance for 1934–41 of privilege of filing consolidated returns (except by railroad corporations and their related holding or leasing companies and, in 1940–41, by Pan American trade-corporations) and the restoration of this privilege in 1942. See source publications for effect of changes on statistical items. Data represent combined totals for returns reporting net income and those reporting no net income. For number of returns, see table 375, p. 329]

[In millions of dollars]

ITEM	1925	1930	1935	1940	1943	1944	1945	1946
Compiled receipts, total [1]	**134,780**	**136,588**	**114,650**	**148,237**	**249,682**	**262,201**	**255,448**	**288,954**
Gross sales	106,832	97,941	85,332	114,642	199,904	209,536	203,575	234,924
Gross receipts from other operations	[2]	25,267	19,790	24,483	40,390	42,696	40,455	40,763
Other receipts	26,253	10,283	5,801	8,329	8,728	9,376	10,904	12,795
Tax-exempt income:								
Dividends from domestic corporations	1,175	2,571	3,014	[3]	[3]	[3]	[3]	[3]
Interest on Government obligation [4]	520	526	714	783	660	592	513	472
Compiled deductions, total [5]	**125,464**	**131,940**	**109,227**	**138,889**	**221,556**	**235,654**	**234,102**	**263,555**
Cost of goods sold	84,716	76,190	66,279	86,739	151,889	161,198	157,377	179,769
Cost of operations	[2]	[2]	9,190	12,297	22,460	24,312	22,666	23,273
Interest paid	3,617	4,861	3,261	2,701	2,331	2,288	2,308	2,251
Taxes paid [6]	[7]	2,297	2,628	4,317	5,699	5,965	5,585	5,831
Depreciation and depletion [8]	3,330	4,449	3,701	4,003	5,251	5,643	6,620	5,065
Other deductions	33,801	44,142	24,167	28,832	33,926	36,249	39,546	47,366
Compiled net profit or loss [9]	9,316	4,649	5,423	9,348	28,126	26,547	21,346	25,399
Net income or deficit [10]	7,621	1,551	1,696	8,919	27,819	26,304	21,139	25,193
Deduction due to net loss for prior year [11]	243	158	----------	123	225	149	114	140
Total tax [12]	1,170	712	735	2,549	15,926	14,884	10,795	8,875
Compiled net profit less total tax	8,146	3,937	4,688	6,800	12,201	11,663	10,551	16,524
Dividends paid:								
Cash	5,190	8,184	5,941	6,089	5,728	6,057	6,081	7,497
Stock	544	414	136	140	225	247	334	527

[1] Total compiled receipts consist of gross sales (less returns and allowances), gross receipts from operations (where inventories are not an income-determining factor), all interest received on Government obligations (less amortizable bond premium), other interest, rents, royalties, excess of net short-term capital gain over net long-term capital loss, excess of net long-term capital gain over net short-term capital loss, net gain from sale or exchange of property other than capital assets, dividends, and other taxable income. Total compiled receipts exclude nontaxable income other than tax-exempt interest received on certain Government obligations.

[2] Not available.

[3] Beginning 1936, "Dividends from domestic corporations" are taxable income, tabulated with "other receipts."

[4] Beginning 1934, includes in addition to the wholly tax-exempt interest, that which is partially tax-exempt. Interest on Treasury notes issued on or after Dec. 1, 1940, and obligations issued on or after Mar. 1, 1941, by the United States or any agency or instrumentality thereof, is wholly taxable and is included in "other receipts" for 1941–46.

[5] Beginning 1936, includes contributions or gifts (limited to 5 percent of net income before this deduction).

[6] Excludes (1) Federal income tax and Federal excess-profits taxes; (2) estate, inheritance, legacy, succession, and gift taxes; (3) income taxes paid to a foreign country or possession of United States, if any portion is claimed as a tax credit; (4) taxes assessed against local benefits; (5) Federal taxes paid on tax-free covenant bonds; and (6) taxes reported in "Cost of goods sold" and "Cost of operations."

[7] Tabulated with "Other deductions."

[8] Includes amortization of emergency facilities for 1940 and later years.

[9] Compiled receipts less compiled deductions.

[10] Net income (or deficit), in general, represents taxable income less allowable deductions, except that for 1925 and 1930, and for 1940–47, amount shown is before deduction due to net operationg loss of prior years.

[11] Deducted by corporations reporting net income.

[12] In addition to income tax, includes: declared value excess-profits tax, 1933–45; defense tax, 1940; and excess profits tax under provisions of Second Revenue Act of 1940, 1940–46.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

No. 510.—Corporation Income Tax Returns, by Total-Assets Classes, by Industrial Groups: 1946

[All money figures (except assets classes) in millions of dollars. See headnote table 509]

TOTAL-ASSETS CLASS (thousands of dollars)	Number of returns [1]	Total assets or liabilities [2]	Total compiled receipts [3]	Net income or deficit [4]	Total tax	Number of returns [1]	Total assets or liabilities [2]	Total compiled receipts [3]	Net income or deficit [4]	Total tax
	All industrial groups					Mining and quarrying				
Total	**440,750**	**454,705.2**	**283,917.4**	**24,820.5**	**8,710.4**	**6,759**	**5,948.7**	**4,240.0**	**332.1**	**130.9**
Under 50	199,076	4,195 9	10,902.2	362.9	119 0	2,389	48 6	81.6	[5] 1 1	9
50-100	76,821	5,490.9	11,903.7	649.2	185.5	1,002	73.0	97.4	2 1	1.6
100-250	76,592	12,093.6	23,987.8	1,494 8	508.7	1,295	207.7	252.5	12.4	5.3
250-500	34,264	11,997.4	22,269.8	1,583 6	603.4	777	271.9	296.1	14 2	7 4
500-1,000	20,803	14,584.7	23,610.7	1,837.4	717.9	536	374.3	387.1	21 4	9 7
1,000-5,000	24,618	53,374.7	50,624.4	4,605.0	1,781 2	565	1,157.7	976.8	66.2	28.0
5,000-10,000	4,241	29,627.2	20,233.6	2,118.6	809.4	85	564.5	368.5	33 9	12 7
10,000-50,000	3,341	67,895.6	40,362.1	4,084.3	1,506.6	96	1,840.6	1,123.3	91.0	34.1
50,000 and over	994	255,445.2	80,023.1	8,084.7	2,478.8	14	1,410.4	656.7	91.9	31.1
	Manufacturing					Public utilities				
Total	**92,771**	**96,300.0**	**137,087.5**	**11,501.3**	**4,542.9**	**18,561**	**63,812.1**	**22,738.0**	**2,333.4**	**891.5**
Under 50	33,959	748.0	2,269.8	43 4	22 6	9,220	179.2	371 2	14 1	4.8
50-100	15,243	1,097.6	2,924 7	143.1	45.4	2,861	203.1	320.2	21.3	6.4
100-250	18,020	2,900.2	7,148.7	459.1	171.3	2,778	440 1	632.7	49.2	17.5
250-500	9,947	3,534.0	8,171.2	646 4	260 0	1,290	452.2	554.2	46 5	18.1
500-1,000	6,578	4,628 7	9,977.4	898.6	367.6	838	595.0	661 5	55.9	21.8
1,000-5,000	6,872	14,223.5	25,710.8	2,564.6	1,047.3	908	1,946.4	1,397.6	151.9	62.9
5,000-10,000	1,094	7,662 0	11,246.8	1,245 7	502.0	197	1,394.5	604.6	83 4	33 3
10,000-50,000	841	17,203.9	23,625.5	2,335.4	934 3	263	6,049.8	2,297 7	339.9	135.6
50,000 and over	217	44,302.0	46,012.4	3,165.0	1,192.5	206	52,551.8	15,898.3	1,571 2	591.0
	Trade					Service				
Total	**139,816**	**31,957.7**	**94.936.5**	**5,486.1**	**1,992.3**	**34,229**	**5,868.5**	**7,142.8**	**785.1**	**284.3**
Under 50	68,517	1,517.3	6,107.2	188.5	51.9	21,960	380.3	1,034.4	41.1	13.7
50-100	27,866	1,989.1	6,957.6	330.9	88.3	5,036	354.3	690.0	49.2	15.0
100-250	25,106	3,908.5	13,271.4	681 4	224 0	4,124	639.2	1,008.2	84.3	29 0
250-500	9,798	3,398.4	11,174.3	629 2	234 2	1,466	510.1	692 3	65 5	25.5
500-1,000	4,802	3,307.3	10,704.5	608 0	232.5	803	557.5	688.6	75.4	29.2
1,000-5,000	3,143	6,073.6	18,312.5	1,084.3	413.6	726	1,467.8	1,516.8	202 2	78.4
5,000-10,000	328	2,275.4	6,289.5	412.5	156.5	78	519.0	461 0	80.0	30.4
10,000-50,000	218	4,182.6	10,378.5	656.7	247.2	29	579.4	449.4	58.3	20.1
50,000 and over	38	5,305.4	11,741.0	894.7	344.2	7	860.9	602.2	129.0	43.1
	Finance, insurance, real estate, and lessors of real property					Construction				
Total	**124,564**	**246,364.3**	**12,096.8**	**3,953.6**	**713.3**	**14,406**	**2,497.2**	**4,234.4**	**230.8**	**82.6**
Under 50	50,082	1,084 1	414.7	58.3	18.7	7,687	148.2	500.3	14.8	4 5
50-100	20,818	1,489.1	356.2	71.3	19.6	2,498	178.3	442.2	23 8	6 5
100-250	21,409	3,390.5	675.3	143 3	39.3	2,344	371.3	790.4	45.1	15.2
250-500	9,283	3,238.5	555.5	122.0	35 7	1,021	352.9	652.0	39.0	14.5
500-1,000	6,408	4,541.5	546 0	128.3	38.1	454	311.4	480.1	23.9	9.3
1,000-5,000	11,772	27,298.7	1,593.0	452.8	117.8	358	700 5	864.6	50 0	20.2
5,000-10,000	2,405	16,830.6	922.0	228.9	61.7	33	229.8	270.3	21.7	7.8
10,000-50,000	1,876	37,730.5	2,186.0	569.0	122.9	11	204.8	234.5	12 5	4.5
50,000 and over	511	150,760.9	4,848.1	2,179.6	259.7					
	Agriculture, forestry, and fishery					Nature of business not allocable				
Total	**5,554**	**1,583.3**	**1,239.3**	**180.9**	**66.5**	**4,090**	**373.3**	**202.2**	**17.2**	**6.1**
Under 50	2,274	51.2	89.5	2.6	1.2	2,988	39.1	33.5	1.1	.7
50-100	1,057	75.4	92.5	5.8	2.0	440	30.9	23.0	1.8	.6
100-250	1,138	177.4	172.2	16.4	5.9	378	58.6	36.4	3.6	1.2
250-500	543	192.2	145.3	18.3	7.0	139	47.2	28.9	2.5	1.0
500-1,000	304	214 3	144 9	23.4	9.0	80	54.7	20.4	2.3	.7
1,000-5,000	214	402.4	212.1	29.6	12.0	60	104.0	40.2	3.5	1.1
5,000-10,000	17	126.9	63.5	11.7	4.7	4	24.5	7.4	.9	.3
10,000-50,000	6	89.6	54.9	19.9	7.4	1	14.3	12.3	1.6	.6
50,000 and over	1	253.9	264.4	53.3	17.3					

[1] Returns of active corporations submitting balance sheets.
[2] Data from returns of all active corporations, including those with fragmentary balance sheet data. See number of returns in table 507 and also note 2, table 507.
[3] For items included in "Total compiled receipts," see note 1, table 509.
[4] Compiled receipts (exclusive of wholly tax-exempt interest) less compiled deductions. See table 509.
[5] Deficit.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

No. 511.—Income of Unincorporated Enterprises, by Industry: 1942 to 1948

[**In millions of dollars.** Income of unincorporated enterprises measures monetary earnings and income in kind of sole proprietorships, partnerships, and producers' cooperatives from their current business operations—other than supplementary income of individuals derived from renting property. Income equals business receipts (exclusive of capital gains and expenses) less business expenses (exclusive of capital losses and depletion allowances)]

INDUSTRY	1942	1943	1944	1945	1946	1947 [1]	1948 [1]
All industries, total	**23,413**	**26,885**	**29,067**	**31,360**	**36,921**	**40,147**	**43,245**
Agriculture, forestry, and fisheries	10,571	11,875	11,973	12,667	14,401	15,581	18,553
Farms	10,468	11,768	11,841	12,528	14,245	15,420	18,371
Other [2]	103	107	132	139	156	161	182
Mining	113	141	140	107	142	207	277
Contract construction	1,392	1,198	1,220	1,375	1,700	2,150	2,338
Manufacturing	1,136	1,562	1,936	1,929	2,224	2,074	1,576
Wholesale and retail trade	5,855	7,270	8,424	9,626	11,754	12,825	12,479
Wholesale trade	911	1,086	1,286	1,500	1,683	1,746	1,611
Retail trade and automotive services	4,944	6,184	7,138	8,126	10,071	11,079	10,868
Finance, insurance, and real estate	485	624	709	843	999	1,057	1,182
Transportation	290	330	348	362	439	508	571
Communications and public utilities	11	15	15	17	21	25	29
Services	3,560	3,870	4,302	4,434	5,241	5,720	6,240
Medical and other health services	1,206	1,299	1,535	1,604	1,864	2,080	2,268
Legal services	654	672	732	799	943	1,022	1,174
Personal services	530	639	690	702	807	850	855
Other services	1,170	1,260	1,345	1,329	1,627	1,768	1,943

[1] Preliminary. Revised estimates will appear in July 1950 issue of Survey of Current Business.
[2] Agricultural and similar service establishments; forestry; and fisheries.

Source: Department of Commerce, Office of Business Economics; Survey of Current Business, July 1949.

No. 512.—Corporate Income Before Federal and State Income and Excess Profits Taxes, by Industry: 1942 to 1948

[**In millions of dollars.** Corporate income before taxes, as included in national income statistics, represents earnings of corporations organized for profit which accrue to residents of the Nation, measured before Federal and State profit taxes, without deduction of depletion charges and exclusive of capital gains and losses. Profits accruing to residents are measured by eliminating intercorporate dividends from profits of domestic corporations and by adding net receipts of dividends and branch profits from abroad. In other respects, definition of profits is in accordance with Federal income tax regulations. Corporate income before taxes is measured net of capital gains and losses, dividends received, renegotiation refunds, and accelerated emergency amortization charges, but before deduction of depletion charges. Definition with respect to depletion charges has an important effect on data for mining industries. Figures for 1947 and 1948 are preliminary]

INDUSTRY	1942	1943	1944	1945	1946	1947	1948
All industries, total	**21,098**	**25,052**	**24,333**	**19,717**	**23,560**	**31,602**	**34,793**
Agriculture, forestry, and fisheries	84	117	120	119	171	204	212
Farms	83	114	117	115	167	200	208
Forestry and fisheries	1	3	3	4	4	4	4
Mining	616	536	517	422	545	895	1,161
Contract construction	311	240	127	94	220	305	397
Manufacturing	12,695	14,615	13,972	10,437	12,096	18,815	20,280
Food and kindred products	1,244	1,542	1,591	1,490	2,113	2,308	1,724
Textile-mill products	863	842	822	754	1,466	1,793	1,962
Chemicals and allied products	1,080	1,220	1,194	1,024	1,480	1,781	1,932
Products of petroleum and coal	697	928	662	550	967	1,504	2,283
Iron and steel and their products, including ordnance	2,108	2,179	1,895	1,245	1,065	1,992	2,452
Machinery (except electrical)	1,650	1,515	1,373	895	740	1,604	1,781
Transportation equipment except automobiles	1,336	1,952	1,943	985	−33	105	299
Automobiles and automobile equipment	346	338	318	175	104	1,202	1,638
Other	3,371	4,099	4,174	3,319	4,194	6,526	6,209
Wholesale and retail trade	2,624	3,183	3,429	3,536	5,769	6,093	6,796
Wholesale trade	1,111	1,280	1,349	1,347	2,531	2,673	2,981
Retail trade and automotive services	1,513	1,903	2,080	2,189	3,238	3,420	3,815
Finance, insurance and real estate	871	1,174	1,447	1,573	1,734	2,061	2,246
Transportation	2,092	2,945	2,452	1,386	566	841	1,215
Communications and public utilities	1,370	1,556	1,588	1,534	1,577	1,470	1,599
Services	337	556	585	599	761	713	654
Rest of the world [1]	98	130	96	17	121	205	233

[1] Profits received by domestic corporations from foreign branches are excluded here and included in industry of recipient corporation.

Source: Department of Commerce, Office of Business Economics; Survey of Current Business (National Income Supplement, July 1947, and July 1949 issue).

No. 513.—Corporate Profits, Taxes and Dividends: 1939 to 1949

[**In billions of dollars.** These series are as presented in official national income statistics. Corporate profits figures represent earnings of corporations organized for profit which accrue to residents of the Nation. (See also headnote, table 512.) They are given both before and after Federal and State taxes on corporate earnings. Disbursement of tax refunds have been deducted from tax liability in year in which tax liability was incurred. Net corporate dividend payments represent amount of cash dividends disbursed to residents of the Nation, and therefore are measured after elimination of intercorporate dividends. Undistributed corporate profits comprise difference between corporate profits after taxes and net dividend payments. Quarterly data are seasonally adjusted at annual rates. Figures for 1947–1949 are preliminary]

YEAR AND QUARTER	Profits before taxes	Income tax liability	Profits after taxes	Dividends	Undistributed profits
1939	6.5	1.5	5.0	3.8	1.2
1940	9.3	2.9	6.4	4.0	2.4
1941	17.2	7 8	9.4	4.5	4.9
1942	21.1	11 7	9.4	4.3	5.1
1943	25.1	14 4	10.6	4.5	6.2
1944	24.3	13.5	10.8	4.7	6.1
1945	19.7	11.2	8.5	4.7	3.8
1946	23.6	9 6	13.9	5.8	8.1
1947	31.6	12.5	19.1	7.0	12.1
1948	34 8	13.6	21.2	7.9	13.2
1st quarter	33.0	12.8	20 2	7.6	12.6
2d quarter	35 0	13.7	21 3	7.7	13.6
3d quarter	36.6	14 4	22.2	7.9	14.3
4th quarter	34 5	13.6	20.9	8.3	12.6
1949 [1]	28 8	11.4	17.3	8.4	8.9
1st quarter	29 4	11.5	17 9	8.3	9.6
2d quarter	26.4	10.6	15.8	8.2	7.6
3d quarter	28.9	11.4	17.5	8.1	9.4
4th quarter	(2)	(2)	(2)	8.9	(2)

[1] To arrive at annual totals believed to be sufficiently accurate for general purposes, assumed values for fourth quarter were used in conjunction with estimates for first three quarters. [2] Not available.

Source: Department of Commerce, Office of Business Economics; Survey of Current Business (National Income Supplement, July 1947, and July 1949 and February 1950 issues).

No. 514.—Profits and Dividends of Public Utility Corporations: 1939 to 1949

[**In millions of dollars**]

YEAR AND QUARTER	RAILROAD [1]				ELECTRIC POWER [2]				TELEPHONE [3]			
	Operating revenue	Profit before taxes [4]	Profit after taxes [5]	Dividends	Operating revenue	Profit before taxes [4]	Profits after taxes [5]	Dividends	Operating revenue	Profits before taxes [4]	Profits after taxes [5]	Dividends
1939	3,995	126	93	126	2,647	629	535	444	1,067	227	191	175
1940	4,297	249	189	159	2,797	692	548	447	1,129	248	194	178
1941	5,347	674	500	186	3,029	774	527	437	1,235	271	178	172
1942	7,466	1,658	902	202	3,216	847	490	408	1,362	302	163	163
1943	9,055	2,211	873	217	3,464	913	502	410	1,537	374	180	168
1944	9,437	1,972	667	246	3,615	902	507	398	1,641	399	174	168
1945	8,902	756	450	246	3,681	905	534	407	1,803	396	177	174
1946	7,628	271	287	235	3,815	964	638	458	1,992	277	200	171
1947	8,685	777	479	236	4,291	954	643	494	2,149	193	131	134
1948	9,672	1,148	699	289	4,830	983	657	493	2,541	269	183	181
1st quarter	2,243	146	73	57	1,231	282	184	124	607	65	44	39
2d quarter	2,363	286	186	57	1,150	231	154	115	627	71	48	44
3d quarter	2,555	393	244	53	1,176	211	143	121	641	64	44	47
4th quarter	2,510	317	191	122	1,264	254	174	133	667	69	47	50
1949	8,580	700	438	252	5,047	1,129	753	558	2,817	332	220	216
1st quarter	2,145	120	58	69	1,312	316	206	124	670	62	42	50
2d quarter	2,224	184	115	55	1,223	272	180	136	695	75	50	51
3d quarter	2,138	176	104	50	1,223	259	173	142	711	84	55	54
4th quarter	2,065	225	160	78	1,289	281	195	157	741	111	72	61

[1] Class I line-haul railroads, covering about 95 percent of all railroad operations.
[2] Class A and B electric utilities, covering about 95 percent of all electric power operations.
[3] 30 large companies, covering about 85 percent of all telephone operations. Series excludes American Telephone and Telegraph Company, the greater part of whose income consists of dividends received on stock holdings in the 30 companies.
[4] After all charges and before Federal income taxes and dividends.
[5] After all charges and taxes and before dividends.

Source: Board of Governors of the Federal Reserve System; published currently in Federal Reserve Bulletin.

No. 515.—Annual Sales, Profits, and Dividends of Large Manufacturing Corporations: 1939 to 1948

[**In millions of dollars.** Includes data for 200 corporations with assets of $10,000,000 and over. Asset classification is as of end of 1946. Profits before and after taxes are as published by the 200 companies except for certain adjustments, chiefly to exclude special charges and credits and intercorporate dividends where large. Series includes little or no representation of some important nondurable goods groups such as meatpacking, tobacco and rubber. Data not available before 1939. This new series replaces former series on profits of 629 large industrial companies]

ASSET GROUP OR INDUSTRY	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
Assets of $10,000,000 and over (200 corporations):										
Sales	10,591	13,006	18,291	21,771	28,240	30,348	26,531	21,562	31,144	37,182
Profits before taxes	1,209	1,844	3,156	3,395	3,683	3,531	2,421	2,033	4,099	5,315
Profits after taxes	997	1,273	1,519	1,220	1,260	1,255	1,129	1,202	2,521	3,310
Dividends	722	856	947	760	777	848	861	943	1,167	1,403
Assets of $50,000,000 and over (82 corporations):										
Sales	9,008	11,138	15,691	18,544	24,160	25,851	22,278	17,651	26,015	31,465
Profits before taxes	1,071	1,638	2,778	2,876	3,111	2,982	1,976	1,573	3,423	4,593
Profits after taxes	883	1,127	1,329	1,056	1,097	1,091	964	932	2,105	2,860
Dividends	656	772	854	672	688	755	764	804	1,000	1,210
Assets of $10,000,000 to $50,000,000 (118 corporations):										
Sales	1,583	1,869	2,600	3,227	4,080	4,497	4,253	3,912	5,129	5,717
Profits before taxes	139	206	378	519	571	549	445	460	676	721
Profits after taxes	114	146	190	164	164	164	165	271	416	450
Dividends	67	83	93	88	88	93	98	139	167	192
NONDURABLE GOODS INDUSTRIES										
Total (94 corporations): [1] [2]										
Sales	3,843	4,257	5,485	6,408	7,607	8,263	8,371	8,940	11,313	13,364
Profits before taxes	476	617	980	1,069	1,293	1,339	1,133	1,426	1,787	2,208
Profits after taxes	400	443	538	438	506	529	555	908	1,167	1,474
Dividends	317	337	377	304	325	352	362	449	551	656
Foods and kindred products (28 corporations): [2]										
Sales	1,082	1,135	1,367	1,715	2,054	2,335	2,466	2,715	3,231	3,447
Profits before taxes	148	160	220	258	319	352	364	435	421	410
Profits after taxes	122	123	134	119	126	121	146	254	259	257
Dividends	96	93	95	79	83	84	87	105	128	135
Chemicals and allied products (26 corporations): [2]										
Sales	1,001	1,203	1,711	2,028	2,478	2,474	2,428	2,550	3,108	3,563
Profits before taxes	199	278	430	460	524	507	416	463	547	655
Profits after taxes	164	179	194	157	169	160	177	283	337	408
Dividends	145	156	164	130	132	147	148	180	215	254
Petroleum refining (14 corporations): [2]										
Sales	1,134	1,161	1,363	1,481	1,793	2,132	2,153	2,080	2,906	3,945
Profits before taxes	84	95	178	179	260	288	192	269	456	721
Profits after taxes	76	81	133	112	153	190	168	214	350	548
Dividends	55	55	71	63	76	83	85	92	127	172
DURABLE GOODS INDUSTRIES										
Total (106 corporations): [3]										
Sales	6,748	8,750	12,806	15,362	20,633	22,085	18,161	12,623	19,831	23,818
Profits before taxes	734	1,226	2,175	2,326	2,389	2,192	1,288	607	2,312	3,107
Profits after taxes	597	830	982	782	755	726	574	295	1,355	1,836
Dividends	405	519	571	456	452	496	500	494	615	746
Primary metals and products (39 corporations):										
Sales	3,021	3,853	5,678	6,765	7,673	7,704	6,653	5,429	7,545	9,066
Profits before taxes	255	477	887	982	829	697	442	451	891	1,174
Profits after taxes	203	355	432	316	309	280	227	270	545	720
Dividends	110	179	206	203	200	194	193	211	247	270
Machinery (27 corporations):										
Sales	920	1,179	1,825	2,583	3,563	3,915	3,562	2,310	3,963	4,781
Profits before taxes	112	199	380	515	613	548	375	37	443	569
Profits after taxes	91	123	147	123	130	129	129	−9	270	334
Dividends	70	91	96	81	83	86	93	97	113	126
Automobiles and equipment (15 corporations):										
Sales	2,336	3,034	4,119	4,098	6,403	7,341	5,562	3,725	6,692	8,093
Profits before taxes	305	428	663	567	678	697	310	37	809	1,131
Profits after taxes	253	274	296	259	236	240	148	−8	445	639
Dividends	188	203	212	126	122	170	171	136	195	282

[1] Includes 26 companies not shown separately, as follows: textile mill products (10); paper and allied products (15); and miscellaneous (1).

[2] For certain items, data for years 1939–44 are partly estimated for 7 companies: foods (2); chemicals (2); petroleum, textiles, and paper (1 each).

[3] Includes 25 companies not shown separately, as follows: building materials (12); transportation equipment other than automobile (6); and miscellaneous (7).

Source: Board of Governors of the Federal Reserve System; published currently in the Federal Reserve Bulletin.

No. 516.—Sources and Uses of Corporate Funds: 1946 to 1949

[**Billions of dollars.** Covers nonfinancial business corporations only, excluding banking and insurance companies which are primarily suppliers of capital funds for business or intermediaries in flow of savings from consumers to business. Based on Securities and Exchange Commission and other financial data]

ITEM	1946	1947	1948	1949
Uses, total	**26.9**	**29.5**	**25.9**	**11.4**
Plant and equipment	11.6	15.0	17.3	16.0
Inventories (book values)	11.2	8.9	6.3	−3.7
Receivables	4.8	5.7	2.3	−.7
From business	5.1	4.2	.8	−1.6
From consumers	1.7	1.7	1.4	.9
From government	−2.0	−.2	.2	(1)
Other current assets	−.7	−.1	(1)	−.2
Sources, total	**27.0**	**30.2**	**27.7**	**11.4**
Retained profits (including depletion)	7.7	11.4	12.5	7.8
Depreciation	4.2	4.9	5.5	6.2
Cash and deposits	−1.1	−1.3	.1	−.9
U. S. Government securities	5.8	1.5	−.1	−1.9
Payables (trade)	4.0	2.6	.9	−1.6
Federal income-tax liability	−1.6	2.7	.9	−2.3
Other current liabilities	1.8	.6	(1)	.3
Bank loans (excluding mortgage loans)	3.3	2.6	1.2	−1.8
Short-term	1.9	1.5	.5	−1.4
Long-term	1.4	1.2	.6	−.4
Mortgage loans	.6	.8	.7	.5
Net new issues	2.3	4.4	6.0	5.1
Stocks	1.3	1.3	1.2	1.3
Bonds	1.0	3.1	4.8	3.8
Discrepancy between total uses and total sources	−.1	−.7	−1.8	0

[1] Less than $50,000,000.

Source. Department of Commerce, Office of Business Economics; Survey of Current Business, February 1949.

No. 517.—Corporate Dividends Paid, by Industrial Groups: 1925 to 1946

[**In millions of dollars.** See headnote, table 509]

GROUP	1925		1930		1935		1940	
	Cash	Stock	Cash	Stock	Cash	Stock	Cash	Stock
All industrial groups	**5,189.5**	**544.4**	**8,184.2**	**414.2**	**5,940.6**	**135.9**	**6,088.8**	**140.0**
Mining and quarrying [1]	335.1	3.9	302.6	12.6	257.1	3.1	282.6	3.7
Manufacturing	2,223.8	267.4	3,161.0	121.9	2,193.5	49.7	2,399.6	48.0
Public utilities [1]	1,006.8	77.2	2,223.9	40.2	1,283.8	5.6	1,075.3	11.3
Trade [1]	506.4	90.5	560.8	61.7	510.1	28.6	512.5	19.1
Service [1]	107.9	9.5	166.1	11.3	71.1	2.3	91.4	2.4
Finance, insurance, real estate, and lessors of real property [1]	896.8	78.6	1,646.8	155.3	1,559.6	38.4	1,655.1	53.1
Construction [1]	70.0	11.6	95.5	7.8	29.8	4.2	30.9	2.0
Agriculture, forestry, and fishery [1]	30.9	4.1	25.0	3.2	34.7	3.5	25.9	.1
Nature of business not allocable	11.8	1.7	2.5	.1	1.0	.4	15.4	.2

GROUP	1943		1944		1945		1946	
	Cash	Stock	Cash	Stock	Cash	Stock	Cash	Stock
All industrial groups	**5,727.7**	**224.8**	**6,057.0**	**247.2**	**6,080.8**	**334.4**	**7,496.7**	**527.4**
Mining and quarrying [1]	200.4	5.4	189.5	1.5	159.8	1.9	207.7	2.7
Manufacturing	2,631.7	114.4	2,848.3	134.9	2,824.7	146.2	3,440.6	279.7
Public utilities [1]	1,175.8	7.1	1,226.6	22.2	1,243.0	6.7	1,343.0	14.2
Trade [1]	543.4	30.6	550.5	43.9	557.4	60.7	927.9	140.2
Service [1]	105.6	3.0	116.8	3.4	132.3	7.9	205.1	11.8
Finance, insurance, real estate, and lessors of real property [1]	1,001.9	61.0	1,062.8	35.0	1,101.1	106.7	1,292.5	64.3
Construction [1]	31.3	1.9	25.6	5.4	29.5	3.2	38.3	12.7
Agriculture, forestry, and fishery [1]	31.1	.7	31.6	.7	27.6	1.0	34.1	1.3
Nature of business not allocable	6.4	.9	5.3	.2	5.5	.2	7.5	.5

[1] For changes in classification affecting comparability of data, see Statistics of Income, for 1938, Part 2.

Source: Treasury Department, Bureau of Internal Revenue; Statistics of Income, Part 2.

No. 518.—Business Expenditures for New Plant and Equipment: 1929 to 1950

[Millions of dollars. Figures differ from totals in gross national product (table 312) which include agricultural investment and certain equipment and construction outlays charged to current expense]

INDUSTRY GROUP	1929	1939	1943	1945	1946	1947	1948	1949	1950 [1]
Total [2]	**9,165**	**5,200**	**4,530**	**6,630**	**12,040**	**16,180**	**19,230**	**18,120**	**16,090**
Manufacturing	3,596	1,930	2,250	3,210	5,910	7,460	8,340	7,250	6,740
Mining		380	360	440	560	690	800	740	650
Transportation:									
Railroad	840	280	460	550	570	910	1,320	1,350	930
Other	4,729	280	190	320	660	800	700	520	350
Electric and gas utilities		480	540	630	1,040	1,900	2,680	3,140	2,940
Commercial and miscellaneous [3]		1,850	730	1,480	3,300	4,430	5,390	5,120	4,480

[1] Estimates based on anticipated capital expenditures of business.
[2] Excludes agriculture. [3] Includes trade, service, finance, and communication.

Source: 1929-43, Federal Reserve Board estimates based on Securities and Exchange Commission and other data; 1945 and subsequent years, Securities and Exchange Commission and Department of Commerce, Office of Business Economics: data published quarterly in Statistical Series releases of the Securities and Exchange Commission and in Survey of Current Business

No. 519.—Business Sales and Inventories: 1939 to 1949

[In billions of dollars]

INDUSTRY	1939	1943	1944	1945	1946	1947	1948	1949
Business sales, total	**133.4**	**268.4**	**288.9**	**290.1**	**333.6**	**417.1**	**458.3**	**431.5**
Manufacturing, total	61 3	153.8	165.4	154 5	154.1	205.1	228.0	213.3
Durable goods	22.4	79.3	84.5	72 5	57.3	82 6	94 7	89.0
Nondurable goods	38.9	74.5	80.9	82.0	96.7	122.5	133.3	124 3
Wholesale trade, total	30 1	51.3	54 7	59.8	79.2	93 1	100.3	90.0
Durable goods	7 2	9.3	10.0	10 8	16.6	22 3	25.5	21 2
Nondurable goods	22 9	42.0	44.7	49 0	62.6	70.7	74.7	68 8
Retail trade, total	42 0	63.3	68 8	75.8	100 3	118.9	130.0	128 2
Durable goods	10 4	9.9	10.6	12.3	22.6	32.1	38.0	39.9
Nondurable goods	31.7	53.5	58.2	63.5	77.7	86.8	92.0	88.3
Business inventories, book value, total	**20.0**	**30.7**	**30.5**	**30.2**	**42.5**	**51.4**	**58.2**	**53.5**
Manufacturing, total	11.5	20.2	19.6	18.5	25.0	30.0	34.2	31.0
Durable goods	5 2	10.8	10.1	8.5	11.6	14.1	16.1	13.8
Nondurable goods	6.3	9.3	9.4	9 9	13.3	15.9	18.1	17.3
Wholesale trade, total	3 2	3.7	4.0	4.6	6.8	8.8	9.6	9.2
Durable goods	1.0	.9	.9	1.2	2.0	2.7	3.3	2.9
Nondurable goods	2.2	2.8	3.1	3.4	4.8	6.1	6.3	6.3
Retail trade, total	5.3	6.8	6.9	7.0	10.7	12.7	14.4	13.3
Durable goods	1.8	1.7	1.7	1.7	3.3	4.5	5.6	4.9
Nondurable goods	3.5	5.1	5.2	5.3	7.4	8.2	8.8	8.4
Ratio of inventories to sales: [1]								
Manufacturing, total	2.11	1.51	1.45	1.48	1.65	1.64	1.68	1.75
Durable goods	2 57	1.57	1.50	1.60	2.08	1.94	1.90	1.85
Nondurable goods	1 84	1.45	1.40	1.38	1.39	1.43	1.53	1.67
Wholesale trade, total	1.21	.86	.86	.82	.82	1.03	1.09	1.23
Durable goods	1 58	1.15	1.13	1.15	1.08	1.32	1.40	1.80
Nondurable goods	1.09	.79	.80	.74	.75	.94	.99	1 05
Retail trade, total	1.53	1.38	1.31	1.20	1.11	1.22	1.32	1.34
Durable goods	2.06	2.46	2.04	1.77	1.34	1.55	1.65	1.67
Nondurable goods	1.36	1.18	1.17	1.10	1.04	1.10	1.19	1.19
Manufacturing inventories, by stages of fabrication, total	**11.5**	**20.2**	**19.6**	**18.5**	**25.0**	**30.0**	**34.2**	**31.0**
Purchased materials	(2)	(2)	(2)	(2)	11.4	13.2	14.1	12.2
Goods in process	(2)	(2)	(2)	(2)	6.4	7.5	8.1	6.8
Finished goods	(2)	(2)	(2)	(2)	7.2	9.4	12.0	12.1

[1] Ratio of average month-end book values to average sales for year. [2] Not available.

Source: Department of Commerce, Office of Business Economics; sales and inventories, Survey of Current Business, Oct. 1949; ratio, Economic Report of the President, January 1950.

No. 520.—Net Change in Business Inventories: 1929 to 1948

[**Millions of dollars.** Net change in business inventories measures change in physical inventories, valued at average prices current during year. Difference between change in business inventories as thus measured and change in book value of inventories constitutes inventory valuation adjustment]

ITEM	1929	1933	1939	1943	1944	1945	1946	1947	1948
Net change in business inventories, total	1,562	−1,619	441	−922	−809	−746	6,711	71	6,455
Farm	−252	−271	97	−420	−545	−148	−228	−2,162	1,324
Nonfarm	1,814	−1,348	344	−502	−264	−598	6,939	2,233	5,131
Net change in nonfarm inventories	1,814	−1,348	344	−502	−264	−598	6,939	2,233	5,131
Corporate	1,558	−871	251	−457	−1,070	−1,027	6,001	2,897	4,147
Noncorporate	256	−477	93	−45	806	429	938	−664	984
Change in book value	1,200	1,320	1,224	425	93	79	14,054	9,836	7,698
Corporate	1,086	1,272	965	316	−783	−463	11,230	8,884	6,317
Noncorporate	114	48	259	109	876	542	2,824	952	1,381
Inventory valuation adjustment	614	−2,668	−880	−927	−357	−677	−7,115	−7,603	−2,567
Corporate	472	−2,143	−714	−773	−287	−564	−5,229	−5,987	−2,170
Noncorporate	142	−525	−166	−154	−70	−113	−1,886	−1,616	−397
Net change in nonfarm inventories by industrial groups	1,814	−1,348	344	−502	−264	−598	6,939	2,233	5,131
Manufacturing	911	−578	214	247	−814	−1,557	3,242	998	2,556
Change in book value	598	828	713	825	−593	−1,122	6,502	5,046	4,243
Inventory valuation adjustment	313	−1,406	−499	−579	−221	−435	−3,260	−4,048	−1,687
Wholesale trade	31	−89	77	−289	264	542	906	812	893
Change in book value	−74	268	236	−128	293	646	2,150	1,970	817
Inventory valuation adjustment	105	−357	−159	−161	−29	−104	−1,244	−1,158	76
Retail trade	260	−485	118	−336	191	288	2,191	200	1,556
Change in book value	87	223	312	−185	269	382	4,407	1,945	2,135
Inventory valuation adjustment	173	−708	−194	−151	−78	−97	−2,216	−1,745	−579
All other	612	−196	−65	−124	95	129	600	223	126
Change in book value	589	1	−37	−88	124	173	995	875	503
Inventory valuation adjustment	23	−197	−28	−36	−29	−44	−395	−652	−377

Source: Department of Commerce, Office of Business Economics; Survey of Current Business (National Income Supplement, July 1947, and July 1949 issue).

No. 521.—Industrial and Commercial Failures—Number and Liabilities: 1857 to 1949

[**Excludes all railroad failures.** Series revised beginning 1933 to exclude real estate and financial companies. These revisions bring failure record more nearly in accordance with type of concerns covered by "Total number of concerns in business," in which no changes were made. Beginning 1939, new series includes voluntary discontinuances with loss to creditors and small concerns forced out of business with insufficient assets to cover all claims, in addition to failures included in former series]

YEAR OR YEARLY AVERAGE	Total number of concerns in business [1]	Number of failures	Current liabilities (1,000 dollars)	Average liability	YEAR OR YEARLY AVERAGE	Total number of concerns in business [1]	Number of failures	Current liabilities (1,000 dollars)	Average liability
1857–1860	224,597	4,185	132,925	$31,762	1927	2,171,688	23,146	520,105	22,471
1861–1865	301,574	2,038	52,873	25,944	1928	2,199,049	23,842	489,559	20,534
1866–1870	391,373	2,648	75,488	28,508	1929	2,212,779	22,909	483,252	21,094
1871–1875	522,349	5,147	158,221	30,740	1930	2,183,008	26,355	668,282	25,357
1876–1880	677,247	7,967	156,014	18,700	1931	2,125,288	28,285	736,310	26,032
1881–1885	858,537	8,622	143,228	16,338	1932	2,076,580	31,822	928,313	29,172
1886–1890	1,034,503	10,387	148,935	14,338	*1933* [2]	*1,960,701*	*20,307*	*502,830*	*24,761*
1891–1895	1,166,445	12,988	199,376	15,351	1933 [2]	1,960,701	19,859	457,520	23,038
1896–1900	1,127,565	12,147	148,094	12,192	1934	1,973,900	12,091	333,959	27,621
1901–1905	1,286,304	11,681	126,578	10,836	1935	1,982,905	12,244	310,580	25,366
1906–1910	1,452,022	12,735	179,000	14,056	1936	2,009,935	9,607	203,173	21,148
1911–1915	1,607,221	17,073	265,410	15,545	1937	2,056,598	9,490	183,253	19,310
1916–1920	1,736,249	11,232	190,017	16,917	1938	2,101,933	12,836	246,505	19,204
1921–1925	2,013,406	20,775	555,531	26,740	*1939* [2]	*2,116,008*	*11,408*	*168,204*	*14,744*
1926–1930	2,184,996	23,605	514,086	21,779	1939 [2]	2,116,008	14,768	182,520	12,359
1931–1935	2,023,875	20,860	553,336	26,526	1940	2,156,450	13,619	166,684	12,239
1936–1940	2,088,185	12,064	196,427	16,282	1941	2,170,615	11,848	136,104	11,488
1941–1945	2,021,860	5,301	68,852	12,988	1942	2,151,549	9,405	100,763	10,713
1920	1,821,409	8,881	295.121	33,230	1943	2,023,007	3,221	45,339	14,076
1921	1,927,304	19,652	627,401	31,926	1944	1,855,033	1,222	31,660	25,908
1922	1,983,106	23,676	623,895	26,351	1945	1,909,095	809	30,225	37,361
1923	1,996,004	18,718	539,387	28,817	1946	2,141,807	1,129	67,349	59,654
1924	2,047,302	20,615	543,226	26,351	1947	2,404,883	3,474	204,612	58,898
1925	2,113,312	21,214	443,744	20,918	1948	2,550,018	5,250	234,620	44,690
1926	2,158,457	21,773	409,233	18,795	1949	2,679,306	9,246	308,109	33,323

[1] Data for 1857–70 based on census of business by Mercantile Agency in 1857 and 1859; thereafter data represent number of names listed in July issue of Reference Book. See table 524 for class of industries covered.

[2] See headnote regarding revisions. Figures in italics are comparable with preceding years.

Source: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in Dun's Statistical Review.

No. 522.—Industrial and Commercial Failures—Number and Liabilities, by Months: 1944 to 1949

[Liabilities in thousands of dollars. Current liabilities include all accounts and notes payable and all obligations, whether in secured form or not, known to be held by banks, officers, affiliated companies, supplying companies, or the Government. Deferred liabilities (the difference between current, as defined above, and the total) are therefore long-term obligations held by the public]

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Number:												
1944	120	132	96	131	148	110	91	77	75	74	75	93
1945	80	66	85	90	72	61	72	56	64	62	60	41
1946	80	92	86	81	92	69	74	92	96	123	103	141
1947	202	238	254	277	378	283	297	287	292	336	313	317
1948	356	417	477	404	426	463	420	439	398	459	460	531
1949	566	685	847	877	775	828	719	810	732	802	835	770
Current liabilities:												
1944	1,708	3,108	1,460	3,524	2,697	1,854	3,559	1,054	4,065	3,819	3,008	1,804
1945	5,883	1,557	3,880	980	2,208	3,198	3,659	1,166	1,658	3,114	1,268	1,654
1946	4,372	2,983	4,421	3,785	3,656	3,006	3,434	3,799	4,877	6,400	9,511	17,105
1947	15,193	12,976	15,251	16,080	17,326	18,982	20,701	14,903	10,034	21,322	16,345	25,499
1948	12,965	25,619	17,481	15,296	13,814	12,163	13,876	21,442	20,703	25,114	24,416	31,731
1949	19,159	27,567	37,188	31,930	24,583	28,161	21,804	31,175	20,598	23,894	22,799	19,251
Total liabilities:												
1944	1,708	6,132	1,460	3,757	2,697	2,090	3,559	1,054	4,365	3,973	3,008	1,804
1945	9,533	1,657	3,880	980	2,208	3,398	3,659	1,166	1,658	3,114	1,268	1,654
1946	5,776	2,983	4,529	3,985	3,931	3,006	3,493	3,799	4,877	6,650	11,179	17,255
1947	15,193	12,976	15,251	16,080	17,521	19,297	21,512	14,903	10,099	22,229	16,624	25,499
1948	13,010	26,338	17,554	15,378	14,513	12,163	14,026	21,442	20,885	27,229	25,059	32,072
1949	19,159	27,695	38,284	33,899	24,620	29,279	22,494	31,720	20,648	24,129	23,496	19,432

No. 523.—Industrial and Commercial Failures—Number and Liabilities, by Industrial Groups and Size of Liabilities: 1948 and 1949

[Liabilities in thousands of dollars. See headnote, table 522]

INDUSTRIAL GROUP AND SIZE OF LIABILITIES	1948				1949			
	Number	Percent	Current liabilities	Total liabilities	Number	Percent	Current liabilities	Total liabilities
Total	**5,250**	**100.0**	**234,620**	**239,669**	**9,246**	**100.0**	**308,109**	**314,855**
Under $5,000	846	16.1	2,584	2,584	1,915	20.7	5,272	5,272
$5,000 to $25,000	2,799	53.3	34,634	34,634	4,646	50.3	55,936	55,936
$25,000 to $100,000	1,208	23.0	56,681	56,681	2,147	23.2	100,178	100,178
$100,000 to $1,000,000	374	7.2	86,050	88,095	520	5.6	115,238	121,364
$1,000,000 and over	23	.4	54,671	57,675	18	.2	31,485	32,105
Manufacturing	**1,481**	**100.0**	**130,292**	**134,631**	**2,331**	**100.0**	**143,265**	**147,505**
Under $5,000	107	7.2	327	327	280	12.0	770	770
$5,000 to $25,000	664	44.8	8,891	8,891	994	42.7	12,691	12,691
$25,000 to $100,000	468	31.6	22,730	22,730	751	32.2	36,585	36,585
$100,000 to $1,000,000	223	15.1	56,065	57,400	294	12.6	72,820	77,060
$1,000,000 and over	19	1.3	42,279	45,283	12	.5	20,399	20,399
Wholesale trade	**669**	**100.0**	**26,066**	**26,066**	**1,110**	**100.0**	**43,163**	**45,254**
Under $5,000	60	9.0	185	185	143	12.9	397	397
$5,000 to $25,000	350	52.3	4,604	4,604	502	45.2	6,465	6,465
$25,000 to $100,000	211	31.5	9,944	9,944	371	33.4	17,941	17,941
$100,000 to $1,000,000	47	7.0	10,198	10,198	93	8.4	17,784	19,255
$1,000,000 and over	1	.2	1,135	1,135	1	.1	576	1,196
Retail trade	**2,185**	**100.0**	**39,819**	**40,102**	**4,246**	**100.0**	**71,273**	**71,366**
Under $5,000	510	23.3	1,588	1,588	1,141	26.9	3,165	3,165
$5,000 to $25,000	1,320	60.4	15,363	15,363	2,391	56.3	27,580	27,580
$25,000 to $100,000	316	14.5	13,660	13,660	645	15.2	28,182	28,182
$100,000 to $1,000,000	38	1.7	6,821	7,104	69	1.6	12,346	12,439
$1,000,000 and over	1	.1	2,387	2,387				
Construction	**439**	**100.0**	**15,609**	**15,609**	**838**	**100.0**	**27,245**	**27,299**
Under $5,000	74	16.9	211	211	179	21.4	490	490
$5,000 to $25,000	220	50.1	2,838	2,838	405	48.3	4,978	4,978
$25,000 to $100,000	111	25.3	5,495	5,495	213	25.4	9,656	9,656
$100,000 to $1,000,000	33	7.5	6,065	6,065	38	4.5	7,928	7,982
$1,000,000 and over	1	.2	1,000	1,000	3	.4	4,193	4,193
Commercial service	**476**	**100.0**	**22,834**	**23,261**	**721**	**100.0**	**23,163**	**23,431**
Under $5,000	95	20.0	273	273	172	23.8	450	450
$5,000 to $25,000	245	51.5	2,938	2,938	354	49.1	4,222	4,222
$25,000 to $100,000	102	21.4	4,852	4,852	167	23.2	7,814	7,814
$100,000 to $1,000,000	33	6.9	6,901	7,328	26	3.6	4,360	4,628
$1,000,000 and over	1	.2	7,870	7,870	2	.3	6,317	6,317

Source of tables 522 and 523: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in Dun's Statistical Review.

No. 524.—Industrial and Commercial Failures—Number and Liabilities, by Industrial Groups and Industries: 1947, 1948, and 1949

Industrial group	Number			Current liabilities (thousands of dollars)		
	1947	1948	1949	1947	1948	1949
Grand total	3,474	5,250	9,246	204,612	234,620	308,109
Mining and manufacturing	1,275	1,481	2,331	142,727	130,292	143,265
Mining—Coal, oil, miscellaneous	12	21	73	674	2,581	8,468
Food and kindred products	108	180	299	19,222	14,264	21,479
Textile-mill products and apparel	108	169	346	5,299	6,979	16,503
Lumber and products	178	267	387	14,156	11,903	18,932
Paper, printing, and publishing	32	63	107	1,147	3,486	5,778
Chemicals and allied products	59	50	83	9,985	3,531	2,745
Leather and products	47	69	96	2,678	2,947	4,689
Stone, clay, and glass products	31	45	55	1,727	2,746	4,708
Iron, steel, and products	76	83	150	5,506	9,873	11,633
Machinery	285	220	266	53,155	38,267	24,602
Transportation equipment	50	45	82	10,468	8,589	6,403
Miscellaneous	289	269	387	18,710	25,126	17,325
Wholesale trade	447	669	1,110	21,138	26,066	43,163
Food and farm products	102	182	309	7,092	10,372	12,459
Apparel	19	21	56	983	625	2,356
Dry goods	10	17	27	668	480	692
Lumber, building materials, hardware	34	54	126	2,691	1,043	6,252
Chemicals and drugs	20	36	51	523	716	1,566
Motor vehicles and auto equipment	28	35	68	601	1,221	2,607
Miscellaneous	234	324	473	8,580	10,709	17,231
Retail trade	1,222	2,185	4,246	21,459	39,819	71,273
Food and liquor	219	546	906	2,799	6,751	11,360
General merchandise	49	94	171	1,270	1,520	2,213
Apparel and accessories	178	313	590	2,579	5,317	9,338
Furniture, home furnishings	183	212	483	2,740	3,881	9,688
Lumber, building materials, hardware	53	159	281	1,625	2,834	5,230
Automotive group	141	192	456	2,340	5,796	8,902
Eating and drinking places	226	422	792	5,643	9,570	15,397
Drug stores	28	50	116	369	904	2,232
Miscellaneous	145	197	451	2,094	3,246	6,913
Construction	239	439	838	7,211	15,609	27,245
General building contractors	85	165	325	4,603	8,887	16,440
Building subcontractors	145	245	473	1,845	4,939	8,211
Other contractors	9	29	40	763	1,783	2,594
Commercial service	291	476	721	12,077	22,834	23,163
Passenger and freight transportation	119	174	224	5,421	15,053	9,850
Miscellaneous public services	9	10	22	426	259	4,979
Hotels	7	24	32	3,754	2,130	1,425
Cleaning, dyeing, repairing	18	48	113	470	989	1,899
Laundries	16	27	44	183	588	993
Undertakers	2	4	9	17	53	168
Other personal services	20	46	51	290	419	614
Business and repair services	100	143	226	1,516	3,343	3,235

Source: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in Dun's Statistical Review.

No. 525.—Industrial and Commercial Failures—Number and Liabilities, by States: 1947, 1948, and 1949

Division and State	Number of concerns in business [1]		Failures				Current liabilities (thousands of dollars)		
			Number			Percent			
	1948	1949	1947	1948	1949	1949	1947	1948	1949
United States	**2,550,018**	**2,679,306**	**3,474**	**5,250**	**9,246**	**0.35**	**204,612**	**234,620**	**308,109**
New England	**175,941**	**181,559**	**398**	**697**	**983**	**.54**	**13,920**	**27,655**	**27,242**
Maine	16,417	16,599	22	49	48	.29	357	919	800
New Hampshire	10,457	10,608	7	34	28	.26	132	1,057	1,009
Vermont	7,304	7,152	1	11	17	.24	14	479	345
Massachusetts	87,685	91,569	237	450	595	.65	7,135	17,479	15,219
Rhode Island	15,386	16,841	35	51	116	.69	1,664	663	2,631
Connecticut	38,692	38,790	96	102	179	.46	4,618	7,058	7,238
Middle Atlantic	**569,969**	**595,484**	**969**	**1,357**	**2,461**	**.41**	**55,049**	**80,166**	**104,183**
New York	299,489	310,943	599	788	1,555	.50	33,559	49,284	70,540
New Jersey	90,536	96,135	157	219	366	.38	12,402	15,286	16,246
Pennsylvania	179,944	188,406	213	350	540	.29	9,088	15,596	17,397
East North Central	**529,563**	**552,517**	**584**	**773**	**1,747**	**.32**	**60,900**	**41,733**	**56,028**
Ohio	127,477	135,334	136	190	478	.35	11,552	7,999	14,840
Indiana	68,197	69,943	44	32	83	.12	2,689	1,729	2,871
Illinois	166,377	174,136	213	305	585	.34	32,052	23,592	20,467
Michigan	97,949	100,243	139	157	337	.34	11,516	5,530	11,720
Wisconsin	69,563	72,861	52	89	264	.36	3,091	2,883	6,130
West North Central	**277,673**	**287,988**	**150**	**202**	**399**	**.14**	**11,659**	**8,555**	**12,122**
Minnesota	56,316	58,644	36	48	78	.13	4,459	1,469	2,919
Iowa	52,012	53,795	27	22	60	.11	2,409	637	1,584
Missouri	76,207	80,018	65	93	196	.24	3,778	5,554	5,607
North Dakota	11,632	11,941		3	3	.03		36	109
South Dakota	13,099	13,784	3	3	4	.03	61	37	38
Nebraska	28,245	29,743	10	12	44	.15	569	278	1,345
Kansas	40,162	40,063	9	21	14	.03	383	544	520
South Atlantic	**283,841**	**300,122**	**247**	**410**	**826**	**.28**	**9,325**	**11,864**	**24,014**
Delaware	5,721	6,006		6	8	.13		217	170
Maryland	34,338	35,630	12	45	167	.47	136	1,805	3,630
District of Columbia	9,333	9,353	17	17	42	.45	978	438	1,585
Virginia	41,420	44,250	37	55	99	.22	735	1,065	2,055
West Virginia	26,187	27,017	18	32	88	.33	342	641	2,367
North Carolina	49,587	51,813	32	64	74	.14	1,547	1,455	2,673
South Carolina	24,356	25,603	9	15	14	.05	927	322	337
Georgia	45,955	47,550	60	71	125	.26	1,944	1,839	3,660
Florida	46,944	52,900	62	105	209	.40	2,716	4,082	7,537
East South Central	**144,146**	**153,878**	**70**	**151**	**304**	**.20**	**2,665**	**5,167**	**8,010**
Kentucky	39,399	41,563	8	28	70	.17	135	902	1,927
Tennessee	43,685	46,465	28	48	108	.23	1,106	2,040	3,127
Alabama	34,424	37,145	23	40	75	.20	836	1,364	1,697
Mississippi	26,638	28,705	11	35	51	.18	588	861	1,259
West South Central	**232,833**	**247,182**	**115**	**201**	**406**	**.16**	**7,058**	**8,173**	**11,574**
Arkansas	29,027	30,211	5	20	31	.10	298	668	926
Louisiana	35,304	38,517	36	70	111	.29	1,014	1,985	1,978
Oklahoma	38,850	40,301	19	26	55	.14	728	1,123	1,707
Texas	129,652	138,153	55	85	209	.15	5,018	4,397	6,963
Mountain	**83,561**	**90,327**	**105**	**149**	**167**	**.18**	**2,042**	**6,215**	**6,503**
Montana	11,346	11,449	3		8	.07	276		198
Idaho	10,093	10,596	8	11	9	.08	41	266	794
Wyoming	5,151	5,588	1	5	5	.09	20	45	1,106
Colorado	23,481	25,700	44	52	41	.16	904	1,318	231
New Mexico	10,702	11,944	10	20	12	.10	260	486	286
Arizona	9,148	10,283	22	30	52	.51	383	2,340	2,425
Utah	10,644	11,291	10	26	26	.23	110	670	708
Nevada	2,996	3,476	7	5	14	.40	48	1,090	755
Pacific	**252,491**	**270,249**	**836**	**1,310**	**1,953**	**.72**	**41,994**	**45,092**	**58,433**
Washington	42,201	45,265	56	87	120	.27	5,201	1,980	3,341
Oregon	30,755	32,398	70	108	261	.81	1,967	3,384	6,583
California	179,535	192,586	710	1,115	1,572	.82	34,826	39,728	48,509

[1] Represents number of names listed in July issue of the Reference Book. See table 524 for class of industries covered.

Source: Dun & Bradstreet, Inc., New York, N. Y. Monthly data published currently in Dun's Statistical Review.

873995°—50——30

No. 526.—Patent Applications and Patents and Certificates of Registration Issued Since Initiation of the Patent System: 1836 to 1949

[Number of patents granted prior to July 28, 1836, was 9,957. Data include patents issued to citizens of United States and residents of foreign countries. See also *Historical Statistics*, series P 176–187]

Calendar year or period	Patent applications [1]	Patents issued					Certificates of registration issued				
		Total	Patents	Plant patents	Designs	Reissues	Total	Trade-marks	Trade-mark renewals	Labels	Prints
1836–1850 [2]	[3] 14,062	8,387	7,864	.....	[4] 340	[5] 183	.....	.....	.....	.....	.....
1851–1860	44,302	25,087	23,140	.....	1,025	922	.....	.....	.....	.....	.....
1861–1870	128,763	85,910	79,612	.....	3,181	3,117	[6] 121	[6] 121	.....	.....	.....
1871–1880	206,436	138,355	125,520	.....	7,535	5,300	10,395	8,017	.....	[7] 2,378	.....
1881–1890	352,475	217,821	207,850	.....	8,357	1,614	14,660	10,636	.....	4,024	.....
1891–1900	410,049	234,956	220,840	.....	13,374	742	18,794	16,903	.....	[8] 1,606	[9] 285
1901–1905	253,417	148,291	143,791	.....	3,953	547	18,590	12,768	.....	4,579	1,243
1906–1910	307,187	175,618	171,560	.....	3,297	761	36,375	32,060	.....	2,856	1,459
1911–1915	350,937	194,387	186,241	.....	7,295	851	32,381	27,369	.....	3,522	1,490
1916–1920	368,737	207,108	197,644	.....	8,486	978	35,364	30,681	.....	3,411	1,272
1921–1925	428,591	217,525	203,977	.....	12,326	1,222	81,566	68,881	[10] 2,278	7,361	3,046
1926–1930	459,904	234,857	219,384	.....	13,796	1,677	97,458	71,469	12,796	8,736	4,457
1931–1935	342,861	256,219	239,092	161	15,079	1,887	72,721	52,432	9,220	8,466	2,603
1936–1940	359,544	229,514	200,902	275	26,458	1,879	71,785	52,709	8,408	8,128	2,540
1941–1945	294,273	184,573	164,438	229	18,883	1,023	52,203	34,447	17,756	(11)	(11)
1911	69,121	34,084	32,917	.....	1,010	157	5,112	4,205	.....	659	248
1912	70,976	37,731	36,231	.....	1,342	158	5,896	5,020	.....	633	243
1913	70,367	35,788	33,941	.....	1,683	164	6,063	5,065	.....	708	290
1914	70,404	41,850	39,945	.....	1,715	190	7,874	6,817	.....	719	338
1915	70,069	44,934	43,207	.....	1,545	182	7,436	6,262	.....	803	371
1916	71,033	45,927	43,970	.....	1,759	198	8,087	6,791	.....	864	432
1917	70,373	42,760	41,069	.....	1,512	179	6,197	5,339	.....	613	245
1918	59,800	39,941	38,569	.....	1,207	165	4,912	4,061	.....	654	197
1919	80,638	38,598	36,872	.....	1,523	203	4,874	4,208	.....	520	146
1920	86,893	39,882	37,164	.....	2,485	233	11,294	10,282	.....	760	252
1921	93,395	41,401	37,885	.....	3,277	239	13,605	11,654	.....	1,485	466
1922	89,028	40,297	38,414	.....	1,627	256	14,992	12,793	.....	1,612	587
1923	80,653	40,787	38,634	.....	1,927	226	16,725	14,845	.....	1,261	619
1924	80,888	45,500	42,594	.....	2,671	235	17,562	15,749	.....	1,278	535
1925	84,627	49,540	46,450	.....	2,824	266	18,682	13,840	2,278	1,725	839
1926	86,116	47,627	44,750	.....	2,602	275	21,810	14,964	4,273	1,686	887
1927	92,122	44,444	41,731	.....	2,387	326	20,548	14,586	3,063	1,807	1,092
1928	92,725	45,899	42,376	.....	3,188	335	19,084	14,142	2,049	1,921	972
1929	94,738	48,565	45,284	.....	2,907	374	18,829	14,526	1,750	1,711	842
1930	94,203	48,322	45,243	.....	2,712	367	17,187	13,251	1,661	1,611	664
1931	84,423	55,103	51,766	5	2,937	395	15,328	11,407	1,643	1,683	595
1932	71,864	56,856	53,473	46	2,944	393	13,096	9,613	1,587	1,443	453
1933	60,633	51,563	48,786	33	2,411	333	12,764	9,140	1,671	1,470	483
1934	61,572	47,753	44,429	32	2,921	371	16,101	11,375	2,445	1,786	495
1935	64,369	44,944	40,638	45	3,866	395	15,432	10,897	1,874	2,084	577
1936	69,585	44,820	39,793	49	4,556	422	14,806	10,732	1,888	1,740	446
1937	72,984	43,271	37,695	55	5,137	384	15,276	11,254	1,524	1,850	648
1938	75,429	43,493	38,076	41	5,027	349	13,564	10,212	1,051	1,762	539
1939	71,689	49,080	43,090	45	5,593	352	14,336	10,526	1,398	1,807	605
1940	69,857	48,850	42,248	85	6,145	372	13,803	9,985	2,547	[11] 969	[11] 302
1941	59,901	47,979	41,122	62	6,486	309	11,299	8,534	2,765	(11)	(11)
1942	50,057	42,510	38,467	65	3,728	250	9,691	6,797	2,894	(11)	(11)
1943	48,724	33,523	31,074	47	2,229	173	9,431	5,596	3,835	(11)	(11)
1944	59,472	31,197	28,073	38	2,916	170	10,079	6,027	4,052	(11)	(11)
1945	76,119	29,364	25,702	17	3,524	121	11,703	7,493	4,210	(11)	(11)
1946	91,972	24,775	21,819	56	2,779	121	13,841	8,116	5,725	(11)	(11)
1947	83,313	22,433	20,149	52	2,102	130	[12]15,121	8,981	6,140	(11)	(11)
1948	75,952	28,096	23,973	44	3,968	111	[12]16,530	11,474	5,056	(11)	(11)
1949	74,810	39,809	35,147	93	4,451	118	[12]19,769	15,972	3,797	(11)	(11)

[1] Figures include patents for inventions, designs, and reissues of patents. Includes applications without fees from 1918 to date.
[2] Data are for period from July 28, 1836, to Dec. 31, 1850, except as otherwise specified.
[3] Data are for 11 years beginning 1840; records prior to this date are not available.
[4] Data are for 8 years beginning 1843.
[5] Data are for 13 years beginning 1838.
[6] Data are for the year 1870.
[7] Data are for 7 years beginning 1874.
[8] Registration of labels suspended from May 27, 1891, to June 9, 1896.
[9] Data are for 8 years; first print registered Mar. 7, 1893.
[10] Data are for the year 1925.
[11] Figures for 1940 are for the six-months period ended June 30, 1940. On July 1, 1940, jurisdiction of prints and labels was transferred to the Copyright Office, Library of Congress, and data concerning them are compiled by that organization. (See table 529.)
[12] Excludes 150 trade-mark republications (under Trade-Mark Act of 1946) of trade-marks registered under prior acts for 1947; 19,730 for 1948; and 12,983 for 1949.

Source: Department of Commerce, United States Patent Office; records (not published elsewhere). Fiscal year figures published in Annual Report of the Secretary.

No. 527.—Patents and Designs Issued to Citizens of the United States, by State or Other Area, and Military Organizations: 1940 to 1949

STATE OR OTHER AREA	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
Total	**42,319**	**42,345**	**38,299**	**30,704**	**28,441**	**27,124**	**22,982**	**20,676**	**25,991**	**36,569**
Alabama	107	98	86	55	80	116	63	63	80	145
Arizona	46	50	34	40	30	29	30	23	42	53
Arkansas	45	57	50	33	33	25	32	34	38	60
California	2,911	2,915	2,780	2,326	2,108	2,223	2,042	1,719	2,231	3,144
Colorado	215	235	167	134	139	108	85	106	153	216
Connecticut	1,325	1,289	1,292	1,114	987	916	728	738	817	1,242
Delaware	333	315	339	297	279	300	314	213	235	297
Florida	256	241	255	171	181	148	127	134	184	287
Georgia	139	151	175	156	108	89	82	66	107	147
Idaho	44	67	43	35	26	16	27	15	29	41
Illinois	4,591	4,554	4,116	3,393	3,128	2,871	2,325	2,074	2,448	3,572
Indiana	1,063	1,005	997	839	742	643	562	513	663	990
Iowa	377	338	281	259	183	183	159	109	197	288
Kansas	218	216	171	132	121	106	92	86	144	210
Kentucky	167	174	148	108	115	103	80	72	78	109
Louisiana	181	135	135	106	131	92	95	99	140	217
Maine	84	76	59	69	50	59	58	50	43	63
Maryland	432	465	384	337	365	340	310	306	353	566
Massachusetts	2,046	2,080	1,827	1,506	1,378	1,259	1,106	1,046	1,336	1,841
Michigan	2,556	2,492	2,327	1,876	1,697	1,607	1,189	1,085	1,846	2,024
Minnesota	652	664	570	468	451	368	265	270	357	512
Mississippi	57	37	40	37	35	27	20	19	27	48
Missouri	825	933	770	640	538	518	356	332	479	601
Montana	61	51	43	24	32	25	19	28	30	59
Nebraska	103	109	74	66	56	44	47	28	49	77
Nevada	12	14	12	14	17	13	11	10	17	27
New Hampshire	97	101	107	81	73	67	45	56	46	78
New Jersey	3,143	3,322	3,202	2,563	2,409	2,427	2,218	2,063	2,399	3,217
New Mexico	36	37	33	25	45	17	45	30	28	50
New York	9,144	9,305	7,377	5,506	5,180	4,882	4,382	3,690	4,664	6,313
North Carolina	164	164	140	109	103	106	77	79	116	172
North Dakota	28	31	31	74	8	16	10	38	17	24
Ohio	3,484	3,344	3,270	2,592	2,440	2,362	1,864	1,623	2,056	2,896
Oklahoma	359	324	333	274	263	330	201	208	177	378
Oregon	195	211	189	132	134	132	120	94	124	225
Pennsylvania	3,143	3,156	3,039	2,313	2,127	2,050	1,701	1,488	1,953	2,590
Rhode Island	328	370	334	258	220	338	249	293	551	382
South Carolina	70	56	54	50	37	44	29	23	49	70
South Dakota	46	31	23	17	24	12	13	12	18	29
Tennessee	191	194	168	138	137	109	97	120	123	241
Texas	860	765	722	602	522	485	414	371	511	740
Utah	53	76	39	43	37	43	21	31	30	41
Vermont	42	42	47	36	51	32	27	25	31	43
Virginia	235	204	259	190	200	150	159	159	192	296
Washington	333	357	311	239	199	228	180	203	235	382
West Virginia	209	163	170	103	127	109	102	84	85	114
Wisconsin	966	1,012	966	808	812	665	490	484	640	987
Wyoming	20	37	22	24	17	17	13	12	16	33
Alaska	4	5	5	3	3	2	5	2	-------	3
Canal Zone	-------	1	6	3	5	3	2	-------	9	5
District of Columbia	248	208	214	205	206	203	202	157	205	279
Guam	-------	-------	-------	-------	-------	-------	-------	-------	1	-------
Hawaii	39	39	18	22	13	16	17	12	8	14
Philippine Islands	13	4	1	5	5	-------	-------	-------	-------	-------
Puerto Rico	3	6	4	3	1	4	2	3	2	4
Virgin Islands	-------	-------	-------	-------	-------	-------	-------	-------	1	-------
U. S. Army	1	1	18	19	13	22	12	15	19	24
U. S. Navy	18	18	22	30	20	21	59	61	57	99
U. S. Marine Corps	1	-------	-------	2	-------	4	2	2	1	2
U. S. Coast Guard	-------	-------	-------	-------	-------	-------	-------	-------	4	1
U. S. Air Force	-------	-------	-------	-------	-------	-------	-------	-------	-------	1

Source: Department of Commerce, United States Patent Office; records (not published elsewhere).

No. 528.—Patents and Designs Granted to Residents of Foreign Countries: 1939 to 1949

[See also *Historical Statistics*, series P 180]

COUNTRY	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
Total	**6,338**	**6,148**	**5,311**	**3,943**	**2,625**	**2,564**	**2,112**	**1,656**	**1,617**	**1,984**	**3,105**
Argentina	22	24	23	24	16	23	25	29	22	24	24
Australia	46	36	36	42	25	27	21	23	12	37	68
Austria	120	63	26	7	5	----	----	1	1	1	8
Belgium	65	52	44	25	30	15	13	1	21	16	31
Brazil	4	9	10	9	5	11	9	6	1	7	10
Canada	345	372	355	310	259	260	255	223	216	289	403
Czechoslovakia	49	54	32	10	13	6	1	1	----	5	31
Cuba	11	16	16	13	14	18	15	9	14	9	10
Denmark	54	44	33	17	16	16	6	1	6	21	17
England	1,288	1,308	1,142	1,000	743	843	905	820	766	862	1,179
Finland	6	5	7	2	2	----	11	1	1	----	4
France	634	376	334	210	182	134	100	39	107	198	374
Germany	2,480	2,595	2,218	1,468	722	641	243	100	52	26	13
Hungary	48	63	37	29	11	26	7	3	----	2	2
Ireland [1]	12	17	5	4	3	6	3	3	5	3	6
Italy	91	97	92	82	27	52	28	10	8	4	13
Japan	57	44	36	20	7	15	5	9	2	----	----
Mexico	23	19	19	15	12	9	6	12	17	6	13
Netherlands	238	236	203	134	93	62	20	9	37	94	268
New Zealand	20	14	12	10	8	2	6	4	2	2	7
Norway	26	25	28	14	14	10	6	1	1	7	26
Poland	16	16	4	5	3	----	----	1	1	2	----
Scotland	47	31	35	25	29	20	29	33	25	25	30
Spain	8	8	4	2	5	2	10	4	8	4	8
Sweden	242	226	208	159	126	104	117	91	97	94	180
Switzerland	286	283	279	249	192	175	219	175	151	197	307
Union of South Africa	17	23	21	7	15	14	11	21	17	13	13
Union of Soviet Socialist Republics	1	8	2	4	6	----	----	----	----	----	----
Wales	12	5	4	6	7	9	9	5	5	6	12
All other countries	70	79	46	41	35	64	32	21	22	30	48

[1] Includes Northern Ireland and Eire.

Source. Department of Commerce, United States Patent Office; records (not published elsewhere).

No. 529.—Registration of Copyrights by Subject Matter: Fiscal Years, 1944 to 1949

See also *Historical Statistics*, series P 170-175 for data on total registrations and on the registration of books, musical compositions, and commercial prints and labels]

SUBJECT MATTER OF COPYRIGHT	1944	1945	1946	1947	1948	1949
Total	**169,269**	**178,848**	**202,144**	**230,215**	**238,121**	**201,190**
Books	40,682	40,544	47,860	53,925	54,774	51,238
Printed in the United States	39,998	39,754	43,737	49,243	51,546	47,999
Books proper	7,585	6,962	7,679	9,903	9,786	10,254
Pamphlets, leaflets, etc	27,683	27,936	30,554	34,940	35,797	33,929
Contributions to newspapers and periodicals	4,730	4,856	5,504	4,400	5,963	3,816
Printed abroad in a foreign language	82	111	3,513	3,970	2,545	2,644
English books registered for ad interim copyright	602	679	610	712	683	595
Periodicals (numbers)	44,364	45,763	48,289	58,340	59,699	54,287
Lectures, sermons, addresses	1,126	1,177	1,129	972	1,263	1,036
Dramatic or dramatico-musical compositions	4,875	4,714	5,356	6,456	6,128	5,159
Musical compositions	52,087	57,835	63,367	68,709	72,339	48,210
Maps	494	857	1,304	1,779	1,456	2,314
Works of art, models, or designs	1,743	1,821	3,094	4,044	3,938	3,281
Reproductions of works of art	173	186	317	540	309	239
Drawings or plastic works of a scientific or technical character	1,957	1,554	1,777	2,147	1,619	1,063
Photographs	1,270	1,258	1,752	1,838	1,844	1,134
Commercial prints and labels	5,953	7,403	7,975	9,674	10,619	13,233
Prints and pictorial illustrations	2,426	2,634	5,384	6,506	6,686	4,558
Motion picture photoplays	604	615	774	666	632	667
Motion pictures not photoplays	1,268	1,120	1,250	1,418	999	1,096
Renewals of commercial prints and labels	44	30	33	21	20	} 13,675
Renewals of all other classes	10,203	11,337	12,483	13,180	15,796	

Source: The Library of Congress, Annual Report.

18. Communications

Statistics shown in this section include financial and operating data for telephone, wire-telegraph, ocean-cable, and radio-telegraph carriers which render domestic and foreign service, data on newspapers, periodicals, and books, and data on the postal service. Also included are financial and statistical data relating to authorized standard (AM), FM and television radio broadcast stations and networks in the continental United States and possessions. Additional statistics on the communication industry as well as statistics on the number of telephones on farms, radios in occupied dwelling units, and the manufacture of communication equipment appear in other sections of this *Abstract.*

In the Census of Electrical Industries, the Bureau of the Census has compiled at 5-year intervals, beginning in 1902, reports on the telephone and telegraph industries covering all systems and lines. The last survey was made for the year 1937. Since the establishment of the Federal Communications Commission in 1934, statistical coverage of communications has been concentrated in that agency. Because of the intrastate character of many mutual, cooperative, and smaller commercial telephone companies, the Federal Communications Commission has not been able to continue the same coverage as shown in the Census of Electrical Industries. Where telephone data are presented by States, such information is incomplete to the extent that only the larger interstate carriers are represented. However, on an industry-wide basis, gross operating revenues of the telephone carriers reporting to the Commission are estimated to include approximately 95 percent of the operating revenues of all telephone carriers in the United States. Reports filed by radio broadcast stations and networks, wire-telegraph, ocean-cable, and radio-telegraph carriers cover substantially all domestically domiciled units in these industries which operate in the United States and its possessions or between the United States and foreign countries. Statistical data compiled from these reports are contained in *Statistics of the Communications Industry in the United States* and in the reports to the Congress of the United States, both of which are published annually by the Federal Communications Commission.

"Bell System" as referred to in this section, consists of the American Telephone & Telegraph Co. and its principal telephone subsidiaries. Data on the postal service, obtained principally from the annual reports of the Postmaster General, are also included in this section.

No. 530.—American Telephone & Telegraph Co. and Principal Telephone Subsidiaries (Bell Telephone System)—Summary: 1925 to 1949

[Figures are as of December 31]

ITEM	1925	1930	1935	1940	1945	1948	1949
Telephones (thousands)	11,910	15,187	13,573	17,484	22,446	31,364	33,388
Central offices (number)	6,147	6,639	6,896	7,052	7,374	8,007	8,224
Miles of pole line	394,529	428,212	407,454	399,838	420,009	471,770	483,777
Miles of wire, total (thousands)	44,943	74,124	78,626	89,306	99,759	124,254	133,089
In underground cable	27,769	45,116	47,639	54,339	60,759	76,398	81,865
In aerial cable	12,835	23,777	26,425	30,307	33,966	41,612	44,813
Open wire	4,339	5,231	4,562	4,660	5,034	6,244	6,411
Percent total wire mileage in cable	90.3	92.9	94.2	94.8	95.0	95.0	95.2
Average daily telephone conversations, total (thousands)	50,141	64,034	60,290	79,303	90,548	125,271	132,023
Local	48,051	61,150	58,066	76,560	85,877	119,406	126,100
Toll and long distance	2,090	2,884	2,224	2,743	4,671	5,865	5,923
Total plant (thousand dollars)	2,566,809	4,028,836	4,187,790	4,747,674	5,702,057	8,618,842	9,432,750
Operating revenue (thousand dollars)	737,560	1,075,228	919,116	1,174,322	1,930,889	2,624,827	2,893,273
Taxes (thousand dollars)	58,113	84,732	94,507	184,770	399,917	292,477	346,144
Employees (number) [1]	335,858	391,746	268,754	323,701	474,527	656,520	593,869
American Tel. and Tel. Co., stockholders (number)	362,179	567,694	657,465	630,902	683,897	765,824	829,498

[1] Includes employees of Western Electric Co. and Bell Telephone Laboratories.

Source: American Telephone & Telegraph Co., New York, N. Y.; Annual Report.

No. 531.—Telephones—Number and Wire Mileage in All Systems, and Number of Telephones in the Bell System: 1895 to 1949

[Number of telephones represents total number of instruments in service]

DEC. 31—	Total telephones [1]	Total miles of wire [1]	Telephones in Bell System [2]	DEC. 31—	Total telephones [1]	Total miles of wire [1]	Telephones in Bell System [2]
1895	339,500	722,000	309,502	1933	16,711,000	87,000,000	16,635,000
1900	1,355,900	2,807,000	855,911	1934	16,869,000	86,800,000	16,797,000
1905	4,126,900	8,470,000	2,530,924	1935	17,424,000	87,200,000	17,354,000
1910	7,635,400	16,937,000	5,882,719	1936	18,433,000	88,100,000	18,362,000
1915	10,523,500	24,792,000	9,172,495	1937	[3] 19,453,401	[3] 90,831,421	19,385,000
1920	13,329,400	32,000,000	12,601,935	1938	19,953,000	92,850,000	19,885,000
1921	13,875,200	34,000,000	13,380,219	1939	20,831,000	95,150,000	20,764,000
1922	[3] 14,347,395	[3] 37,265,958	13,915,379	1940	21,928,000	99,250,000	21,861,000
1923	15,369,500	41,400,000	15,000,101	1941	23,521,000	105,550,000	23,451,000
1924	16,072,800	46,500,000	15,822,934	1942	24,919,000	108,300,000	24,853,000
1925	16,935,900	52,200,000	16,720,224	1943	26,381,000	108,000,000	26,315,000
1926	17,746,000	57,960,000	17,574,252	1944	26,859,000	109,000,000	26,843,000
1927	[3] 18,522,767	[3] 63,836,182	18,365,000	1945	27,867,000	110,700,000	27,853,000
1928	19,341,000	69,130,000	19,197,000	1946	31,611,000	116,600,000	31,597,000
1929	20,068,000	76,460,000	19,958,000	1947	34,867,000	125,500,000	34,854,000
1930	20,201,000	83,110,000	20,098,000	1948	38,205,000	137,600,000	38,193,000
1931	19,690,000	86,100,000	19,596,000	1949	40,665,000	147,300,000	40,654,000
1932	[3] 17,424,406	[3] 87,677,586	17,341,000				

[1] Partly estimated, except as indicated.
[2] Bell-owned and Bell-connecting (owned by other companies).
[3] From Bureau of the Census.

Source: American Telephone & Telegraph Co., New York, N. Y.; Annual Report and records.

No. 532.—Telephone Systems—Selected Data of Class A and Class B Carriers, by States and Other Areas: 1948

[For year ending Dec. 31. Class A carriers are those having average annual operating revenues exceeding $100,000; Class B, those exceeding $50,000 but not more than $100,000]

State and other area	Miles of wire in cable	Miles of aerial wire	Central offices	Average number of calls per month (thousands)[1]		Telephones		Taxes (thousands)[2]
				Local	Toll	Business	Residential	
Grand total	**123,880,928**	**5,347,737**	**9,770**	**4,835,601**	**182,461**	**11,146,019**	**22,609,910**	**310,719**
States, total	**123,554,207**	**5,322,757**	**9,658**	**4,814,956**	**181,958**	**11,099,578**	**22,547,606**	**184,795**
Alabama	1,143,854	112,847	102	65,983	1,429	92,583	222,184	1,219
Arizona	351,974	58,686	39	19,217	544	50,412	74,186	1,041
Arkansas	510,777	93,170	83	32,133	835	60,334	119,986	822
California	11,981,865	253,076	660	395,425	15,248	1,036,160	1,825,393	17,670
Colorado	937,277	120,335	179	51,376	908	120,724	251,194	1,910
Connecticut	2,785,517	45,837	119	87,766	5,595	202,026	505,194	1,964
Delaware	390,826	8,256	32	13,480	636	31,310	71,246	185
District of Columbia	1,649,669		29	57,164	819	204,184	243,099	1,755
Florida	1,556,667	97,497	87	58,335	1,399	168,523	200,995	2,484
Georgia	1,658,229	147,546	152	92,861	1,624	140,432	309,547	2,227
Idaho	143,066	64,504	88	16,207	518	33,860	78,914	568
Illinois	9,170,726	150,132	342	288,469	12,676	834,970	1,535,358	17,282
Indiana	2,766,994	166,163	251	122,168	4,425	214,183	590,390	4,445
Iowa	1,250,726	160,333	179	66,546	1,890	115,931	329,603	1,777
Kansas	1,187,084	190,331	235	56,717	1,416	112,434	308,880	2,056
Kentucky	1,114,244	117,560	174	57,980	1,215	88,416	236,205	1,410
Louisiana	1,469,944	119,091	140	92,490	1,432	130,578	287,718	2,923
Maine	611,363	68,086	143	25,707	1,391	53,403	151,220	908
Maryland	2,301,590	70,075	165	67,281	2,336	405,485	169,046	3,012
Massachusetts	5,362,283	64,551	322	194,373	10,554	436,571	1,048,886	4,834
Michigan	6,477,923	183,676	452	249,719	6,324	470,264	1,258,913	6,238
Minnesota	1,980,526	141,757	198	103,737	2,148	178,687	445,837	2,972
Mississippi	535,090	114,902	156	37,373	1,035	60,707	125,933	1,530
Missouri	3,345,283	165,707	284	141,265	2,757	277,115	599,395	4,279
Montana	172,533	62,188	90	15,806	331	35,192	74,756	511
Nebraska	753,822	125,790	247	48,472	944	77,035	201,931	1,478
Nevada	127,391	31,530	21	3,545	114	10,774	14,696	269
New Hampshire	418,089	41,721	107	16,801	1,125	35,587	104,053	452
New Jersey	6,057,695	60,406	237	153,251	17,026	436,212	996,371	9,949
New Mexico	182,461	50,057	49	13,624	307	37,682	47,154	380
New York	18,477,331	195,929	779	564,447	31,474	1,830,447	2,834,096	40,514
North Carolina	1,160,651	130,467	176	64,670	1,746	114,119	229,115	2,612
North Dakota	123,365	57,705	122	14,885	352	25,758	54,629	440
Ohio	7,456,078	196,588	499	283,817	5,921	521,829	1,446,072	8,450
Oklahoma	1,590,541	150,952	199	78,675	1,813	137,771	305,408	2,293
Oregon	1,174,210	79,123	162	51,739	1,945	118,222	226,369	2,176
Pennsylvania	9,043,937	133,006	511	289,851	20,010	708,721	1,745,283	4,596
Rhode Island	828,292	10,705	37	30,665	1,339	66,534	157,763	1,330
South Carolina	597,426	85,190	70	31,156	730	50,345	109,642	971
South Dakota	134,267	78,249	136	14 357	372	27,722	71,397	479
Tennessee	1,678,105	146,853	203	121,060	1,605	151,473	375,043	2,926
Texas	5,080,170	416,094	563	271,272	5,171	470,730	899,666	7,364
Utah	388,065	46,231	65	29,880	1,043	48,189	118,007	766
Vermont	183,492	53,351	88	9,895	705	21,604	62,688	328
Virginia	2,236,973	110,023	174	79,307	2,129	166,382	361,226	2,207
Washington	1,794,741	132,639	219	90,534	2,627	188,389	420,692	4,400
West Virginia	836,332	62,986	119	49,478	1,593	85,648	209,462	1,117
Wisconsin	2,186,293	111,465	130	84,884	2,164	194,127	451,864	3,329
Wyoming	188,450	39,391	44	9,115	215	19,794	40,901	339
Undistributed								*392*
U. S. Government								124,966
Canada, Dominion of	404	3,715						1
Cuba, Republic of	421							236
Hawaii, Territory of	251,131	13,623	43	14,295	348	29,835	49,012	386
Puerto Rico	74,765	7,642	69	6,350	155	16,606	13,292	335

[1] Partly estimated.
[2] Excludes amount of excise taxes collected by telephone carriers from users of telephone services.

Source: Federal Communications Commission; annual report, Statistics of the Communications Industry in the United States.

No. 533.—Telephone Systems—Summary, Class A Carriers: 1926 to 1948

[Covers class A telephone carriers filing annual reports with F. C. C. Class A carriers are those whose average annual operating revenues exceeded $100,000. Gross operating revenues of class A carriers (excluding intercompany duplications of Bell System) reporting in 1937 represented approximately 94 percent of revenues of all telephone carriers as reported for Census of Electrical Industries for that year. Figures include data for carriers consolidated and merged for which annual data are available. Includes intercompany duplications, but data for 1942–48 excluding such duplications are shown in italics below]

[All money figures in thousands of dollars]

YEAR	Gross investment in telephone plant	Operating revenues	Operating ratio (percent) [1]	Net operating income	Net income	Dividends declared	Miles of wire (thousands)	Number of telephones (thousands)	EMPLOYEES	
									Number on Oct. 31 [2]	Total compensation [3]
1926	2,981,213	881,633	67.00	212,088	247,823	190,094	54,541	14,413	323,217	432,210
1929	3,871,235	1,135,320	67.62	272,932	347,052	258,885	73,775	17,026	387,778	550,210
1930	4,227,787	1,169,150	68.91	264,309	341,756	294,352	80,660	17,139	347,106	555,951
1933 [4]	4,444,418	935,051	71.43	178,931	267,137	321,913	82,349	14,336	267,871	370,073
1935	4,471,787	998,957	70.44	196,107	278,668	314,655	82,578	15,157	265,699	402,836
1937 [4]	4,687,695	1,140,096	68.06	221,821	364,074	352,275	85,612	17,035	295,777	489,721
1939	4,904,828	1,200,532	66.93	233,107	367,361	346,454	89,747	18,308	286,896	511,489
1940	5,071,277	1,272,665	66.13	237,391	385,806	349,651	93,688	19,336	304,595	537,148
1941	5,389,337	1,406,823	65.21	245,912	369,369	343,934	99,780	20,837	344,949	602,961
1942	5,648,246	1,589,283	64.24	231,133	329,707	333,903	102,357	22,163	359,465	670,274
1942 [5]	*5,648,246*	*1,645,319*	*63.23*	*251,133*	*177,962*	*182,157*	*102,357*	*22,163*	*359,465*	*670,274*
1943	5,745,128	1,778,118	64.25	241,937	351,896	339,551	102,065	23,539	368,127	751,711
1943 [5]	*5,745,128*	*1,733,528*	*65.35*	*241,937*	*194,172*	*181,827*	*102,065*	*23,539*	*368,127*	*751,711*
1944	5,852,848	1,903,385	64.82	231,174	340,767	342,770	102,748	23,868	364,967	806,599
1944 [5]	*5,852,848*	*1,860,818*	*64.01*	*231,174*	*183,639*	*185,643*	*102,748*	*23,868*	*364,967*	*806,596*
1945	6,056,982	2,074,354	66.50	274,193	353,201	355,762	104,387	24,814	398,263	936,060
1945 [5]	*6,056,982*	*2,028,641*	*65.75*	*274,193*	*190,042*	*192,603*	*104,387*	*24,814*	*398,263*	*936,060*
1946	6,681,967	2,250,971	76.15	263,634	397,425	369,501	110,029	28,308	525,175	1,305,431
1946 [5]	*6,681,967*	*2,203,825*	*75.64*	*263,634*	*226,660*	*198,737*	*110,029*	*28,308*	*525,175*	*1,305,431*
1947	7,786,202	2,397,629	80.72	201,421	293,409	326,703	117,651	31,277	556,682	1,435,509
1947 [5]	*7,786,202*	*2,348,082*	*80.32*	*201,421*	*170,181*	*203,476*	*117,651*	*31,277*	*556,682*	*1,435,509*
1948	9,106,035	2,819,283	79.26	274,121	396,379	386,656	129,207	34,224	585,456	1,666,587
1948 [5]	*9,106,035*	*2,764,161*	*78.85*	*274,121*	*228,478*	*218,755*	*129,207*	*34,224*	*585,456*	*1,666,587*

[1] Ratio of operating expenses to operating revenues.
[2] Number on Dec. 31 prior to 1943.
[3] Data for 1926 through 1932 include estimates.
[4] In comparing figures in this table, consideration should be given to the minor effect of revisions of Uniform System of Accounts, effective Jan. 1, 1933, and Jan. 1, 1937, resulting in certain changes in and rearrangements of both balance sheet and income statement.
[5] Excluding intercompany duplications.

Source: Federal Communications Commission; annual report, Statistics of the Communications Industry in the United States.

No. 534.—Radiotelegraph Carriers—Summary: 1926 to 1948

[All money figures in thousands of dollars. Figures show development of principal carriers filing annual reports with F. C. C. Includes intercompany duplications]

ITEM	1926	1930	1935	1940 [1]	1945 [1]	1947 [1]	1948 [1]
Investment in plant and equipment	15,800	25,930	29,961	29,735	28,572	36,614	37,370
Operating revenues	5,478	7,060	7,956	13,188	22,460	21,741	22,424
Operating expenses including depreciation	4,456	6,964	7,630	9,383	15,150	22,769	22,195
Operating ratio (percent) [2]	81.34	98.64	95.90	71.15	67.46	104.73	98.98
Operating taxes	([3])	185	198	1,497	6,860	941	1,166
Operating income [4]	1,010	72	35	3,319	7,172	[5] *1,932*	[5] *551*
Net income transferred to earned surplus	([3])	229	[5] *320*	2,086	2,268	[5] *1,574*	[5] *454*
Dividends declared	([3])	-------	[6] 1,400	[7] 838	850	5	2
Revenue messages transmitted (thousands) [8]	3,585	5,151	6,521	8,589	10,518	13,326	12,419
Number of employees on June 30	1,266	2,119	2,641	3,097	3,880	[9] 6,261	[9] 5,782
Total compensation for year	[10] 2,211	[10] 3,809	3,946	5,791	14,217	19,369	18,452

[1] In comparing data for 1940–48 with prior years, consideration should be given to changes in reporting requirements due to the uniform system of accounts effective Jan. 1, 1940.
[2] Ratio of operating expenses to operating revenues.
[3] Data not available.
[4] Beginning 1940, figures are before deduction of income taxes.
[5] Deficit.
[6] Includes $400,000 charged to surplus arising from reduction of capital stock.
[7] Includes $150,000 charged to capital surplus.
[8] Includes data estimated by reporting carriers.
[9] As of end of October.
[10] Includes estimated data.

Source: Federal Communications Commission; annual report, Statistics of the Communications Industry in the United States.

No. 535.—Wire-Telegraph Carriers (Land Line and Ocean Cable)—Summary: 1926 to 1948

[**All money figures in thousands of dollars.** Figures show development of principal carriers filing annual reports with F. C. C. Includes carriers consolidated or merged for which annual report data are available. Includes intercompany duplications]

YEAR	Gross investment in plant and equipment	Operating revenues	Operating ratio (percent)[1]	Operating income	Net income	Dividends declared	Miles of wire (thousands)	Number of revenue messages transmitted (thousands)[2]	EMPLOYEES	
									Number on June 30	Total compensation[3]
1926	391,029	179,405	80.81	26,880	22,722	14,665	2,097	230,824	86,383	110,453
1930	485,429	175,902	85.25	20,206	13,390	23,664	2,396	226,460	92,148	118,352
1935	500,417	121,785	83.91	14,384	4,175	4,800	2,362	173,862	65,946	71,956
1940	483,897	131,424	87.52	7,915	1,883	2,033	2,389	189,864	63,036	81,338
1943[4]	[5]424,865	193,162	86.29	[6]17,679	3,692	2,901	2,422	229,938	71,743	120,316
1944	[7]467,694	202,812	83.31	[6]24,359	10,907	[8]7,658	2,388	230,897	66,872	122,310
1945	466,420	208,694	88.72	[6]14,251	[9]*2,309*	2,453	2,363	242,049	65,188	137,645
1946	456,748	198,227	97.43	[9][6]*6,487*	[9]*9,507*	2,148	2,160	219,363	[10]63,325	149,957
1947	410,337	223,427	87.35	[6]13,760	[4]*255*	1,381	1,859	222,478	[10]59,819	153,285
1948	342,906	191,654	94.55	[9]473	1,669	1,228	1,676	193,781	[10]50,636	144,978
Western Union Tel. Co.: 1947	345,027	207,057	86.68	14,973	412	.....	1,786	215,440	55,268	143,225
1948	408,551	207,286	94 34	[9]1,095	940	1,935	1,748	200,041	[10]54,940	154.166

[1] Ratio of operating expenses to operating revenue. [2] Represents estimates by reporting carriers.
[3] Data for 1926–30 include estimates by reporting carriers.
[4] Beginning 1943, not fully comparable with prior years; reporting requirements changed effective Jan. 1, 1943.
[5] Includes net book cost of plant of Postal Telegraph, Inc., acquired by The Western Union Telegraph Co. in amount of $16,754,000 on basis of gross book cost of $69,320,000 less tentative allowance for depreciation of $52,566,000.
[6] Represents operating income before deduction of income taxes.
[7] Not comparable with amount reported for Dec. 31, 1943, because of accounting adjustment for Postal Telegraph plant purchased by the Western Union Telegraph Co. Oct. 7, 1943; comparable 1943 amount is $477,431,000.
[8] Includes $3,536,000 charged to capital surplus. [9] Deficit or other reverse item. [10] As of end of October.

Source: Federal Communications Commission; annual report, Statistics of the Communications Industry in the United States.

No. 536.—Western Union Telegraph Co.—Line and Wire Mileage, Offices and Finances: 1867 to 1949

YEAR ENDING—	Miles of pole line and cable	Miles of wire	Number of offices[1]	Receipts	Expenses	Net income[2]
June 30—				*Dollars*	*Dollars*	*Dollars*
1867	46,270	85,291	2,565	6,568,925	3,944,006	2,624,920
1870	54,109	112,191	3,972	7,138,738	4,910,772	2,227,966
1880	85,645	233,534	9,077	12,782,895	6,948,957	5,833,938
1890	183,917	678,997	19,382	22,387,029	15,074,304	7,312,725
1900	192,705	933,153	22,900	24,758,570	18,593,206	6,165,364
1910	214,360	1,429,049	24,825	33,889,202	26,614,302	7,274,900
Dec. 31—						
1915	238,940	1,610,709	25,142	52,475,721	40,972,541	11,503,180
1920	246,214	1,449,710	24,881	121,473,685	108,134,041	13,339,644
1925	246,307	1,635,236	24,428	129,151,617	112,861,832	16,289,785
1930	256,763	1,948,938	24,298	133,235,751	123,987,519	9,248,232
1935	254,691	1,905,858	20,964	91,389,312	86,131,234	5,258,078
1940	249,343	1,914,615	19,140	101,277,546	97,655,965	3,621,581
1943	[3]279,016	[3]2,345,384	18,866	[4]161,632,377	[4]154,397,369	7,235,008
1945	276,084	2,291,164	18,687	[4]194,271,046	[4]189,836,541	[5]4,434,505
1946	[6]215,892	[6]2,087,687	18,588	[4]185,189,220	[4]196,189,919	[7][5]*11,000,699*
1947	[6]167,616	[6]1,786,285	18,232	[4]208,969,995	[4]199,828,649	9,141,346
1948	[6]158,564	[6]1,675 558	17,460	[4]197,782,367	[4]197,953,988	[7][8]*171.621*
1949	[6]146,990	[6]1,477,925	16,835	[4]181,944,962	[4]185,308,368	[7][8]*3,363,406*

[1] Excludes agency and commission offices, numbering 12,605 on Dec. 31, 1949.
[2] Figures for 1915 and prior years represent net income before bond interest.
[3] Pole and wire mileages reflect acquisition on Oct. 7, 1943, of facilities of Postal Telegraph Companies.
[4] Effective Jan. 1, 1943, the Federal Communications Commission prescribed a new system of accounts for telegraph carriers and receipts and expenses as stated above for 1943 and subsequent years are not fully comparable with results for prior years.
[5] Net income from current operations, before extraordinary adjustments of income applicable to prior years.
[6] Excludes controlled pole lines and wires no longer recorded in plant records.
[7] Deficit. [8] Deficit after extraordinary credits and charges.

Source: Western Union Telegraph Co., New York, N. Y.; Annual Report.

No. 537.—Radiotelephone Service, by Class: December 31, 1948

[Covers radiotelephone service offered by 29 class A and B telephone carriers; in addition, radiotelephone service with revenue amounting to $513,495 is offered by 2 radiotelegraph carriers, 1 cable carrier, and 3 small telephone carriers, details for which were not reported]

CLASS OF SERVICE	Number of chargeable calls	Gross revenues [1]
FIXED STATIONS		
Message service, total	802,161	7,384,153
Overseas, total	598,597	6,742,058
Bermuda and trans-Atlantic	255,281	3,354,466
Central and South American and Caribbean	149,874	1,607,944
Trans-Pacific	165,487	1,618,598
Other	27,955	161,050
Interstate, intrastate, intraterritory and intrapossession	203,564	642,095
Private line service, program transmission		52,336
MOBILE STATIONS		
Message service, total	1,840,704	2,342,412
High seas (general service)	12,062	97,175
Coastal Harbor service, total	400,731	575,515
General service	253,291	463,615
Dispatching service	56,774	44,673
Other	90,666	67,227
Mobile telephone service, total	1,427,911	1,669,722
General service	889,089	1,153,548
Dispatching service	509,623	476,449
Signaling service	29,199	39,725
Private systems		971,098

[1] Includes land-line charges. Mobile service includes monthly charges, installation and move charges.

Source: Federal Communications Commission; annual report, Statistics of the Communications Industry in the United States.

No. 538.—Communications Holding Companies—Selected Financial Data 1948

[**In thousands of dollars.** Comprises holding companies whose interests in communication companies constitute a major portion of their aggregate assets]

NAME OF COMPANY	INVESTMENTS IN SECURITIES OF AFFILIATED COMPANIES		Investments in securities of non-affiliated companies	INVESTMENTS ADVANCES TO AFFILIATED COMPANIES		Capital stock	Total surplus	Net income	Dividends declared
	Communication carriers	Other companies		Communication carriers	Other companies				
Total	**3,510,784**	**434,922**	**48,825**	**308,874**	**35,216**	**2,571,932**	**451,497**	**239,671**	**217,912**
American Cable & Radio Corp.	[1] 27,404		734	5,522		3,484	26,881	636	
American Telephone & Telegraph Co	3,308,109	300,712	46,567	267,191	1,505	2,335,096	210,581	207,618	203,102
Central Electric & Gas Co	4,876		143			8,222	1,073	997	913
Clearance Corp		52				50	5	[2]	
Gary & Co., Theodore		3,373	2			1,924	1,337	64	31
General & Telephone Investments, Inc		221				11	209		
General Telephone Corp	43,386	213	[3]	4,953	560	33,884	17,694	2,630	2,610
International Telephone & Telegraph Corp	[4] 88,826	[5] 111,782	803	[6] 27,267	26,871	127,980	123,443	2,198	
Investors Telephone Co	4,811			1,073		395	3,212	224	119
Loveland & Co		1,321	518			1,530	321	96	92
Radio Corp. of America	10,477	[7] 11,116	[3]		[8] 6,205	42,336	60,736	[9] 24,022	[9] 10,081
Telephone Bond & Share Co	13,456	3,855	13	1,156		5,903	4,435	403	197
United Telephone & Telegraph Corp	2,130					2,132	10	137	132
United Utilities, Inc	4,310	2,278	44	1,713	75	5,984	1,554	549	539
West Coast Utilities Corp	3,000					3,001	5	96	96

[1] Includes foreign investment of $452,000. [2] Less than $500.
[3] Not available. [4] Includes foreign investment of $49,240,000.
[5] Includes foreign investment of $12,645,000. [6] Includes foreign investment of $14,517,000.
[7] Includes foreign investment of $4,140,000. [8] Includes foreign investment of $2,221,000.
[9] Includes data for domestic subsidiaries.

Source: Federal Communications Commission; annual report, Statistics of the Communications Industry in the United States.

No. 539.—Broadcast Authorizations, by States and Other Areas, as of June 30: 1948 and 1949

[Stations licensed or holding construction permits]

STATE OR OTHER AREA	1948				1949			
	Total	AM	FM [1]	TV	Total	AM	FM [2]	TV
Total	**3,186**	**2,045**	**1,033**	**108**	**3,161**	**2,179**	**865**	**117**
Alabama	76	56	17	3	81	61	18	2
Arizona	28	25	2	1	26	24		2
Arkansas	35	28	7		40	32	8	
California	228	130	86	12	219	147	62	10
Colorado	38	34	4		37	34	3	
Connecticut	46	25	20	1	40	26	13	1
Delaware	10	5	4	1	12	6	5	1
District of Columbia	21	7	10	4	20	7	9	4
Florida	100	69	28	3	100	71	24	5
Georgia	104	70	31	3	100	70	27	3
Idaho	28	21	7		26	21	5	
Illinois	121	66	50	5	127	71	50	6
Indiana	77	41	33	3	76	44	29	3
Iowa	69	45	22	2	70	46	22	2
Kansas	41	31	10		46	38	8	
Kentucky	54	38	14	2	58	43	13	2
Louisiana	59	37	19	3	59	39	17	3
Maine	20	15	5		19	16	3	
Maryland	40	22	15	3	44	24	17	3
Massachusetts	80	42	35	3	79	46	30	3
Michigan	98	59	36	3	94	60	28	6
Minnesota	52	38	11	3	58	44	11	3
Mississippi	42	35	7		46	40	6	
Missouri	66	40	24	2	67	45	20	2
Montana	26	26			26	26		
Nebraska	26	18	6	2	27	21	4	2
Nevada	15	12	3		11	9	2	
New Hampshire	18	11	7		17	11	6	
New Jersey	41	19	21	1	37	19	17	1
New Mexico	22	20	1	1	24	23		1
New York	179	91	76	12	171	93	64	14
North Carolina	132	86	44	2	132	90	40	2
North Dakota	17	15	2		15	14	1	
Ohio	132	56	65	11	127	62	53	12
Oklahoma	56	39	15	2	59	43	14	2
Oregon	50	37	12	1	50	39	10	1
Pennsylvania	185	102	76	7	186	108	71	7
Rhode Island	16	8	7	1	19	11	7	1
South Carolina	51	37	14		57	43	14	
South Dakota	16	15	1		15	14	1	
Tennessee	81	54	26	1	74	55	18	1
Texas	239	164	69	6	223	178	39	6
Utah	22	18	3	1	23	19	3	1
Vermont	7	7			8	8		
Virginia	78	49	28	1	78	52	24	2
Washington	54	45	8	1	54	46	7	1
West Virginia	51	33	18		55	34	20	1
Wisconsin	80	50	29	1	73	51	21	1
Wyoming	13	12	1		12	12		
Alaska	8	8			8	8		
Hawaii	9	9			9	9		
Puerto Rico	29	25	4		27	26	1	

[1] Excludes 46 noncommercial educational broadcast stations.
[2] Excludes 58 noncommerical educational broadcast stations.

Source: Federal Communications Commission, Annual Report.

No. 540.—Radio Stations Authorized and Operators Licensed, by Class, as of June 30: 1947, 1848, and 1949

CLASS OF STATION OR OPERATOR	1947	1948	1949
Broadcast stations, total [1]	3,551	3,967	4,085
Standard (AM)	1,795	2,034	2,179
Frequency modulation (FM)	918	1,020	865
Television (TV)	66	109	117
Television (experimental)	81	124	205
Noncommercial educational	38	46	58
International	37	37	37
Facsimile	3	2	2
Remote pickup	583	571	580
Studio transmitter (ST)	5	9	28
Developmental	24	15	14
Class 2 (experimental)	1	-------	-------
Safety and special services stations, total [2]	36,517	47,366	61,286
Aeronautical, total	15,943	20,858	27,227
Aircraft	14,627	17,736	23,723
Ground	1,316	3,122	3,504
Marine, total	11,955	15,024	20,004
Ship	10,989	13,720	18,140
Coastal and marine relay	131	148	136
Alaskan coastal	232	277	302
Alaskan fixed public	403	412	480
Other	200	467	[3] 946
Public safety, total	4,620	4,903	5,700
Police	3,742	4,137	4,759
Fire	55	85	124
Forestry	668	461	565
Highway maintenance	28	126	165
Special emergency	127	94	87
Industrial, total	1,787	2,855	4,266
Utility	1,136	1,656	2,712
Petroleum	468	412	802
Lumber	-------	32	144
Other	183	755	[4] 608
Land transportation, total	1,692	3,122	3,588
Railroad	117	204	334
Transit utility	50	77	80
Intercity busses and trucks	25	24	[5] 30
Taxicab	1,500	2,817	3,144
Experimental, total	520	604	501
Experimental	500	527	455
Miscellaneous	20	77	46
Radio operators and amateur stations, total	511,634	584,208	645,587
Commercial operators	329,022	347,803	378,500
Aircraft radiotelephone	42,100	80,000	104,569
Amateur operators	70,500	77,923	80,721
Amateur stations	70,000	78,434	81,675
Citizens [6]	12	48	122

[1] Stations licensed or holding construction permits.
[2] Many authorizations cover use of mobile units. Nearly 135,000 mobile units and slightly more than 200,000 mobile units were associated with nonbroadcast services on Jan. 1, 1948, and Jan. 1, 1949, respectively.
[3] Includes 863 ship radar.
[4] Includes 571 special industrial, 19 relay press, 15 motion picture, and 3 low-power industrial.
[5] Includes 20 busses, 8 trucks and 2 auto emergency.
[6] Data for 1947 and 1948 represent class 2 experimental authorizations only.

Source: Federal Communications Commission; Annual Report.

No. 541.—Comparative Financial Data for All Networks and Standard Broadcast Stations: 1944 to 1948

[In thousands of dollars, except number of networks and stations]

ITEM	1944	1945	1946	1947	1948
Number of networks	9	10	8	7	7
Number of stations	875	901	1,025	1,464	1,824
Broadcast revenues, total	275,299	299,338	322,553	363,714	406,995
Broadcast expenses of networks and stations	185,026	215,754	246,087	291,918	342,904
Broadcast income before Federal income tax	90,273	83,584	76,466	71,796	64,092
BROADCAST REVENUES					
Revenues from time sales, net	246,340	266,561	288,609	326,117	366,428
Commissions to regularly established agencies, representatives, brokers and others	*41,903*	*43,923*	*45,470*	*47,970*	*50,292*
Revenues from time sales, total	287,643	310,484	334,079	374,087	416,720
Revenues from network time sales, net	129,370	133,974	134,781	134,727	141,052
Payments to foreign stations and elimination of miscellaneous duplications	*6,489*	*4,445*	*3,759*	*3,551*	*3,896*
Network time sales by:					
Nation-wide networks	127,246	130,117	130,497	131,265	137,619
Regional networks	6,151	6,415	5,729	4,975	4,868
Miscellaneous networks and stations	1,462	1,887	2,315	2,038	2,462
Revenues from non-network time sales to:					
National and regional advertisers and sponsors	73,313	76,696	82,918	91,581	104,760
Local advertisers and sponsors	84,960	99,814	116,380	147,779	170,908
Revenues from incidental broadcast activities, total	28,959	32,778	33,944	37,597	40,567
Talent	15,108	16,686	16,763	19,599	22,196
Sundry broadcast revenues	13,851	16,091	17,180	17,998	18,371

Source: Federal Communications Commission; annual report, Statistics of the Communications Industry in the United States.

No. 542.—Comparative Financial Data for the 4 Nation-Wide Standard Broadcast Networks and Their Key Stations: 1945 to 1948

ITEM	1945	1946	1947	1948
Number of key stations	10	10	11	11
Total broadcast revenues	$85, 151, 875	$86, 494, 599	$91, 232, 718	$95, 788, 942
Total broadcast expenses	67, 001, 351	71, 708, 921	75, 091, 412	80, 508, 811
Broadcast income (before Federal income taxes)	18, 150, 524	14, 785, 678	16, 141, 306	15, 280, 131

No. 543.—Comparative Financial Data for 1,313 Standard Broadcast Stations by Class of Station and Time of Operation: 1947 and 1948

[All broadcast income is before Federal income taxes. Only those stations identical for both years with respect to class, time and network affiliation are included. Excludes 11 key stations of Nation-wide networks]

ITEM	1947	1948
Averages per station:		
Total (1,313 stations):		
Total broadcast revenues	$191, 863	$205, 111
Total broadcast expenses	150, 971	166, 646
Broadcast income	40, 892	38, 465
Clear channel 50 kilowatts unlimited (46 stations):		
Total broadcast revenues	1, 187, 743	1, 238, 993
Total broadcast expenses	857, 682	897, 736
Broadcast income	330, 061	341, 257
Clear channel 50 kilowatts part-time (4 stations):		
Total broadcast revenues	871, 581	900, 983
Total broadcast expenses	660, 742	729, 705
Broadcast income	210, 839	171, 278
Clear channel 5 to 20 kilowatts (29 stations [1]):		
Total broadcast revenues	420, 895	437, 741
Total broadcast expenses	346, 285	357, 596
Broadcast income	74, 610	80, 145
Regional unlimited (342 stations):		
Total broadcast revenues	301, 129	310, 777
Total broadcast expenses	228, 111	245, 786
Broadcast income	73, 018	64, 991
Regional part-time (185 stations):		
Total broadcast revenues	86, 486	110, 321
Total broadcast expenses	81, 779	103, 576
Broadcast income	4, 707	6, 745
Local unlimited (641 stations):		
Total broadcast revenues	92, 521	100, 660
Total broadcast expenses	77, 803	88, 135
Broadcast income	14, 718	12, 525
Local part-time (66 stations):		
Total broadcast revenues	49, 930	72, 739
Total broadcast expenses	46, 526	68, 275
Broadcast income	3, 404	4, 464

[1] Includes 1 part-time station.

No. 544.—Broadcast Revenues and Income of Standard Broadcast Stations and Networks: 1948

SOURCE	TOTAL BROADCAST REVENUES		BROADCAST INCOME [1]	
	Amount	Percent of total	Amount	Percent of total
Total	**$406, 995, 414**	**100. 00**	**$64, 091, 684**	**100. 00**
Networks, including 27 owned and operated stations	109, 031, 802	26. 79	18, 085, 191	28 22
Networks and their 11 key stations	97, 290, 571	23. 90	15, 283, 970	23. 85
16 other network owned and operated stations	11, 741, 231	2. 89	2, 801, 221	4. 37
1,797 other stations	297, 963, 612	73. 21	46, 006, 493	71. 78
1,080 stations serving as network outlets	228, 938, 322	56. 25	43, 347, 338	67. 63
717 stations not serving as network outlets	69, 025, 290	16. 96	2, 659, 155	4. 15

[1] Before Federal income taxes.

Source of tables 542, 543, and 544: Federal Communications Commission; annual report, Statistics of the Communications Industry in the United States.

No. 545.—Financial Data of Television Networks and Broadcast Stations: 1949

[In millions of dollars]

ITEM	Broadcast revenues	Broadcast expenses	Broadcast loss
Industry total	**8.7**	**23.6**	**14.9**
4 networks (including 10 owned and operated stations)	4.8	11.2	6.4
40 other stations	3.9	12.4	8.5

Source. Federal Communications Commission; annual report, Statistics of the Communications Industry in the United States.

No. 546.—Newspapers and Periodicals—Number and Circulation, by Frequency of Issue, and Receipts: 1929 to 1947

[Circulation and money figures in thousands]

FREQUENCY OF ISSUE AND RECEIPTS	1929	1931	1933	1935	1937	1939	1947
NEWSPAPERS							
Total number	**10,176**	**9,299**	**6,884**	**8,266**	**8,826**	**9,173**	**10,282**
Aggregate circulation per issue [1]	**91,778**	**86,457**	**76,299**	**87,096**	**95,296**	**96,476**	**119,567**
Daily (except Sunday):							
Morning:							
Number	459	455	432	464	505	473	400
Circulation	15,742	15,480	14,782	15,984	17,311	17,152	21,796
Evening:							
Number	1,627	1,589	1,471	1,573	1,560	1,567	1,454
Circulation	26,274	25,813	22,849	24,887	26,034	25,814	31,490
Sunday:							
Number	578	555	489	523	528	542	416
Circulation	29,012	27,453	25,454	29,196	32,713	33,007	42,736
Weekly:							
Number	7,075	6,313	4,218	5,337	5,839	6,212	7,705
Circulation	18,884	16,173	12,048	15,185	17,287	18,295	21,408
Semiweekly:							
Number	381	339	240	332	348	313	230
Circulation	1,580	1,353	1,026	1,724	1,720	1,990	926
Triweekly:							
Number	56	48	34	37	46	36	21
Circulation	287	184	140	121	231	219	151
Other:							
Number							56
Circulation							1,060
Receipts, total	**$1,073,119**	**$886,523**	**$667,820**	**$760,247**	**$861,689**	**$845,687**	**$1,792,338**
Subscription and sales	275,781	261,569	239,147	260,224	287,509	306,192	599,925
Advertising	797,338	624,954	428,673	500,023	574,180	539,495	1,192,413
PERIODICALS							
Total number	**5,157**	**4,887**	**3,459**	**4,019**	**4,202**	**4,985**	**4,610**
Aggregate circulation [1]	**202,022**	**183,527**	**174,759**	**178,621**	**224,275**	**239,693**	**384,628**
Daily:							
Number	207	204	177	196	163	220	112
Circulation	932	831	794	682	791	1,979	842
Triweekly:							
Number	8	9	6	7	8	12	5
Circulation	25	31	25	22	33	27	5
Semiweekly:							
Number	27	38	30	27	45	50	21
Circulation	1,402	1,284	1,811	2,129	2,556	2,995	182
Weekly:							
Number	1,158	1,066	878	966	954	1,109	892
Circulation	34,495	30,782	39,365	42,648	56,115	55,825	69,393
Semimonthly:							
Number	224	205	145	171	179	193	233
Circulation	9,168	6,375	4,593	5,508	7,548	8,135	13,832
Monthly:							
Number	2,799	2,552	1,664	2,009	2,063	2,323	2,253
Circulation	133,048	122,671	103,193	102,194	124,521	134,766	194,824
Quarterly:							
Number	562	629	462	510	547	698	647
Circulation	20,605	19,576	23,238	23,277	25,808	26,238	45,535
Other:							
Number	172	184	97	133	243	380	447
Circulation	2,346	1,978	1,742	2,161	6,903	9,726	60,015
Receipts, total	**$507,445**	**$407,254**	**$269,294**	**$329,564**	**$407,835**	**$409,027**	**$1,045,523**
Subscription and sales	184,545	163,698	128,292	143,466	171,961	184,572	419,782
Advertising	322,900	243,556	141,002	186,098	235,874	224,455	625,741

[1] Calculated by totaling returns for average circulation per issue as made for individual publications.

Source: Department of Commerce, Bureau of Census; 1947 Census of Manufactures report.

No. 547.—Periodicals—Number, Circulation, and Receipts by Type: 1947

[Circulation and money figures in thousands[]

TYPE	Number published	Aggregate circulation per issue	Receipts	TYPE	Number published	Aggregate circulation per issue	Receipts
Total	**4,610**	**384,628**	**$1,045,523**	Labor	183	3,694	$6,877
				Legal	85	273	3,319
Agriculture and farm, general	95	16,514	38,060	Medical and dental	143	1,894	11,392
Agriculture and farm, specified	144	6,005	10,957	Military and naval	21	622	1,841
Art, music, and drama	54	2,730	5,322	Motion picture	31	8,272	15,032
Business and finance	127	2,013	31,211	Religious	951	47,191	42,752
Comics	263	89,478	41,829	Science and technology	106	3,918	13,658
				Sports, outdoor, hobbies, etc	206	8,977	36,412
Educational	177	14,565	21,845	Trade: merchandising	472	5,310	62,348
Fashions	38	5,746	31,603	Trade: professional, institutional, and service	298	3,099	31,146
Fiction	180	35,332	44,572				
Fraternal and clubs	98	14,388	9,163	Trade: industrial, engineering, and technical	489	6,166	79,421
General interest, news, and current events	203	64,228	343,865	University, college, and school	17	64	418
Geography and travel	20	1,187	6,293	Women's service	21	22,556	100,489
Home and garden	32	11,867	39,874	All other	139	5,699	8,766
Juvenile	17	2,837	7,058				

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures report.

No. 548.—Book Publishing—Number of Copies Sold and Receipts, by Type: 1947

[In thousands]

TYPE	ALL EDITIONS			
	Number of copies sold			Receipts
	Total	Hard-bound	Paper-bound	
Books, total	**487,216**	**277,450**	**209,766**	**$435,134**
Textbooks				
Elementary and high school	74,254	53,285	20,969	55,068
College	23,821	22,547	1,274	52,513
School workbooks (except educational tests)	41,070	843	40,227	13,227
Religious books:				
Bibles and testaments	9,248	4,703	4,545	9,285
Prayer books	2,606	1,372	1,234	1,558
General religious books and hymnals	30,689	15,619	15,070	18,050
Technical and professional books	17,467	11,676	5,791	45,837
Mail-order books, including book clubs	54,429	45,546	8,883	65,423
Subscription books	14,626	13,880	746	63,851
Trade books:				
Adult	140,414	48,673	91,741	69,963
Juvenile	53,752	49,962	3,790	20,289
Other books	24,840	9,344	15,496	20,070
All pamphlets, total, including educational test	402,290		402,290	20,656

Source: Department of Commerce, Bureau of the Census, 1947 Census of Manufactures report.

No. 549.—United States Postal Service—Summary: 1800 to 1948

[Postal statistics, unless otherwise noted, include data for outlying Territories and possessions except Canal Zone. Excludes Philippine Islands for all years. Leaders indicate no data. For financial data, see also *Historical Statistics*, series P165-167]

Year ending June 30—	Number of post offices	Mileage of post routes [1]	Finances (thousands of dollars)			Revenue per capita, dollars	Money orders issued (thousands of dollars)		Number of ordinary postage stamps issued, millions	Number of pieces of mail handled, millions [4]
			Gross revenue	Gross expenditure	Surplus (+) or deficit (−) [2]		Domestic [3]	International [3]		
1800	903	20,817	281	214	+67					
1810	2,300	36,406	552	496	+56					
1820	4,500	72,492	1,112	1,161	−49					
1830	8,450	115,176	1,851	1,933	−82					
1840	13,468	155,739	4,544	4,718	−175	0.27				
1850	18,417	178,672	5,500	5,213	+287	.20			[5] 2	
1860	28,498	240,594	8,518	19,171	−10,653	.27			216	
1865	20,550	142,340	14,556	13,695	+917	.42	[6] 1,360		387	
1870	28,492	231,232	18,880	23,999	−5,098	.49	34,054	[7] 22	468	
1875	35,547	277,873	26,791	33,611	−6,820	.61	77,431	1,965	682	
1880	42,989	343,888	33,315	36,543	−3,222	.66	100,353	3,464	876	
1885	51,252	365,251	42,561	50,046	−7,481	.76	117,859	6,840	1,465	
1890	62,401	427,990	60,882	66,260	−5,401	.97	114,363	13,230	2,220	4,005
1895	70,064	456,026	76,983	87,180	−10,230	1.12	156,709	12,906	2,795	5,134
1900	76,688	500,989	102,355	107,740	−5,410	1.34	238,921	16,749	3,999	7,130
1905	68,131	486,805	152,827	167,399	−14,594	1.82	396,903	47,516	5,751	10,188
1910	59,580	447,998	224,129	229,977	−5,881	2.43	547,994	99,743	9,067	14,850
1915	56,380	433,334	287,248	298,546	−11,333	2.85	656,139	60,772	11,226	
1920	52,641	435,342	437,150	454,323	−17,270	4.11	1,332,700	32,960	13,213	
1925	50,957	464,269	599,591	639,282	−39,745	5.28	1,532,567	52,650	17,387	25,835
1930	49,063	503,918	705,484	803,667	−98,216	5.75	1,714,576	72,708	16,269	27,888
1935	45,686	514,128	630,795	696,503	−65,808	4.94	1,820,957	30,429	13,610	22,332
1940	44,024	541,514	766,949	807,629	−40,784	5.84	2,094,543	21,668	16,381	27,749
1941	43,739	550,958	812,828	836,859	−24,118	6.11	2,357,013	16,863	16,381	29,236
1942	43,358	560,093	859,817	873,950	−14,139	6.39	3,101,923	14,743	19,492	30,118
1943	42,654	545,128	966,227	952,529	+13,692	7.08	4,435,620	17,557	19,124	32,818
1944	42,161	549,093	1,112,877	1,068,987	+43,892	8.06	4,571,573	29,981	19,106	34,931
1945	41,792	559,903	1,314,240	1,145,002	+169,139	9.41	4,810,300	38,137	20,240	37,912
1946	41,751	561,418	1,224,572	1,353,650	−129,082	8.69	4,748,066	38,738	19,180	36,318
1947	41,760	609,900	1,299,141	1,504,805	−205,658	9.02	4,199,610	41,533	19,542	37,428
1948	41,695	640,329	1,410,971	1,687,759	−276,834	9.62	4,554,944	51,264	20,432	40,280

[1] Excluding rural free delivery routes, ocean mail routes, and air-mail routes to foreign countries.
[2] Audited postal surplus or deficit which is greater or less than excess of receipts or expenditures by the amount of adjusted losses and contingencies.
[3] Domestic excludes and international includes foreign countries on domestic basis.
[4] Continental United States only. Data for years prior to 1926, except 1923, are estimates.
[5] Postage stamps first issued under act of Mar. 3, 1847, and placed on sale at New York July 1, 1847.
[6] From Nov. 1, 1864, when money-order system first went into operation, to June 30, 1865.
[7] From Sept. 1, 1869, to June 30, 1870. International money orders first issued under convention of Oct. 12, 1867.

No. 550.—Postal Service Revenues, by Source: 1920 to 1948

[In thousands of dollars. For years ending June 30. See headnote, table 549]

Item	1920	1925	1930	1935	1940	1945	1947	1948
Total	**437,150**	**599,591**	**705,484**	**630,795**	**766,949**	**1,314,240**	**1,299,141**	**1,410,971**
Ordinary postal revenue	424,406	585,333	686,426	598,358	732,137	1,246,777	1,224,258	1,343,371
Stamps, postal cards, etc.[1]	379,587	507,572	574,851	473,407	521,753	953,770	801,437	820,904
Second-class postage paid in money (pound rates) [1]	25,100	29,619	28,584	18,431	23,033	25,286	35,626	38,008
Other postage paid in money under permit	12,960	39,301	73,545	96,206	176,503	252,318	364,903	463,509
Box rents	6,145	7,817	8,539	6,596	7,931	11,033	12,956	13,423
Miscellaneous	614	1,024	907	3,718	2,917	4,371	9,335	7,526
Money-order revenues	10,314	12,909	17,496	20,424	23,995	46,671	40,012	40,219
Revenue from postal savings	2,430	1,349	1,562	12,013	10,817	20,792	34,871	27,381

[1] For volume of this item, see table 554.

Source of tables 549 and 550: Post Office Department, Annual Report of the Postmaster General.

No. 551.—Postal Service Expenditures, by Object: 1920 to 1948

[**In thousands of dollars.** For years ending June 30. For area covered and for total expenditures, see table 549. Data cover expenditures during specified fiscal year, whether on account of that year or of previous years]

ITEM	1920	1925	1930	1935	1940	1945	1947	1948
Service in post offices (total)	234,102	338,046	429,571	378,407	479,731	721,871	1,008,061	1,061,014
Salaries of postmasters	40,108	47,562	52,850	44,588	49,238	72,544	89,159	86,184
Salaries of clerks, etc	102,319	153.336	201,972	173,510	222,778	368,147	522,491	547,441
City delivery service	63,626	95,161	127,890	113,153	145,355	191,182	287,338	308,727
All other expenditures	28,049	41,987	46,860	47,156	62,360	89,998	109,073	118,661
Railway Mail Service	38,711	52,906	61,888	52,251	60,136	86,288	110,975	111,674
Rural Delivery Service	75,794	93,163	106,347	90,519	91,446	106,847	129,181	131,197
Transportation of domestic mail	99,520	142,141	176,984	134,676	155,883	219,347	228,667	267,968
By railroads	70,714	99,720	117,265	93,328	101,890	134,371	132,934	144,378
By other means	28,805	42,421	59,720	41,348	53,994	84,975	95,733	123,590
Transportation foreign mail	5,912	9,175	24,449	36,806	16,248	4,614	18,420	106,450
Payment account of invalid money orders	284	138	131	232	187	694	1,806	1,360
Post Office Department [1]		3,712	4,298	3,612	3,998	5,441	7,687	8,144

[1] Paid out of the General Treasury prior to 1923.

No. 552.—Transportation of Domestic Mails, by Class of Service: 1925 to 1948

[Data as of June 30 or for year ending June 30. See headnote, table 549. Railway mail space units of service vary in size and character and may consist of a car, a section of a car, or a closed pouch carried on a car. Some cars are railway post offices, others are for storage only, about 20 classes of units being distinguished]

CLASS OF SERVICE AND ITEM	1925	1930	1935	1940	1945	1947	1948
Steam railway service: [1]							
Length of routes (miles)	230,470	220,416	199,016	181,500	173,138	170,107	[2] 167,900
Annual travel (thousand miles)—							
Regular space units	579,256	564,801	455,214	455,836	496,391	516,516	[2] 559,348
Prorated to 60-foot car basis	226,395	228,478	192,130	208,113	260,140	275,385	322,923
Annual expenditure (thousand dollars) [3]—							
Regular authorizations	88,991	103,970	86,806	92,217	114,614	121,105	[2] 175,480
Annual cost	107,491	125,243	99,676	108,485	145,267	163,800	[2] 205,444
Average rate of cost—							
Per mile of length (dollars)	386.12	471.70	436.17	508.09	661.98	711.94	1,045.15
Per unit mile traveled (cents)	15.36	18.41	19.06	20.23	23.09	23.45	[2] 31.37
Per 60-foot car mile (cents)	39.31	45.70	45.40	44.31	44.01	44.06	[2] 54.34
Electric railway service:							
Number of routes	288	224	135	85	66	49	42
Length of routes (miles)	8,042	7,012	4,459	2,690	1,963	1,462	1,297
Annual travel of space units (thousand miles)	10,487	9,829	6,047	3,786	3,140	2,342	2,181
Annual rate of expenditure (thousand dollars)	566	571	349	236	224	204	194
Average cost per unit mile traveled (cents)	5.39	5.81	5.77	6.24	7.13	8.69	8.90
Power boat service:							
Number of routes	284	265	196	175	146	135	134
Length of routes (miles)	49,791	40,130	21,043	19,613	8,701	8,810	8,034
Annual travel (thousand miles)	5,298	4,806	2,860	2,451	1,505	1,368	1,319
Annual rate of expenditure (thousand dollars)	1,492	1,401	1,085	924	521	815	672
Average cost per mile traveled (cents)	28.16	29.15	37.95	37.71	34.64	59.54	50.93
Air mail service:							
Length of routes (miles)	2,665	14,907	28,884	37,943	56,849	102,454	130,093
Miles traveled with mail (thousands)	2,077	14,939	31,149	59,236	166,576	[4] 314,506	[4] 321,662
Mail carried (million pound-miles)	[5]	[5]	6,790	18,671	122,909	67,475	67,717
Cost of service (thousand dollars)	2,744	14,618	8,838	19,426	35,536	[4] 21,736	[4] 35,167
Average cost per mile (dollars)	1.32	0.98	0.28	0.33	0.21	0.07	0.11

[1] Annual expenditure (regular authorizations) represents estimated cost for transporting normal mail traffic over regular routes only, based on contracts outstanding at end of each fiscal year. Annual cost includes emergency and side and transfer service. Average rates based on regular authorizations.

[2] Includes 25 percent interim increase granted participating railroad companies under Railway Mail Pay Case, I. C. C. Docket No. 9200.

[3] For expenditures for Railway Mail Service, see table 551.

[4] Subject to revision. [5] Not computed.

Source of tables 551 and 552: Post Office Department, Annual Report of the Postmaster General.

No. 553.—Delivery Service—City and Rural Free Delivery and Star-Route Service: 1870 to 1948

[See headnote, table 549. Free city delivery was instituted in 1863; rural free delivery in 1897. Star routes are mail routes between towns which are let on a contract basis. Star route and Air-Mail service in Alaska is not included here; data for 1948 as follows: Number of routes, 65; length, 13,250 miles; annual travel, 1,267,053 miles; annual rate of expenditure, $982,723]

As of June 30—	City free delivery			Rural free delivery				Star routes	
	Number of offices	Number of carriers	Annual cost [1] (1,000 dollars)	Number of routes	Length of routes (miles)	Annual travel (1,000 miles)	Annual cost (1,000 dollars)	Number of routes (regular service)	Annual cost (1,000 dollars)
1870	51	1,362	1,231					7,295	5,050
1880	104	2,628	[1] 2,364					9,863	7,321
1890	454	9,066	[1] 7,978					15,887	5,321
1895	604	12,714	12,145					20,733	5,754
1900	796	15 322	14,671	1,259	28,685		420	22,834	5,088
1905	1,144	21,778	20,923	32,110	721,237		20,865	17,199	7,342
1910	1,492	28,715	31,738	41.079	993,068	303,007	36,915	13,425	6,928
1915	1,808	32,902	39,829	43,866	1,076,235	325,305	52,566	11,557	8,713
1920	2,086	36,142	62,841	43,445	1,151,832	348,627	75,795	10,739	11,106
1925	2,401	46,251	93,567	45,189	1,227,654	370,273	95,131	10,906	12,774
1930	3,050	53,762	126,426	43,278	1,334,842	404,738	106,338	11,788	14,281
1931	3,098	53,387	126,179	42,412	1,354,759	412,382	106.471	12,089	14,532
1932	3,111	52,767	125,700	41,602	1,358,030	412,084	106,358	12,443	14,765
1933	3,111	51,229	107.410	40,013	1,365,712	414,417	93,787	12,596	14,301
1934	3,111	48.275	96,947	37,108	1,359,895	412,721	81,637	12.237	12,942
1935	3,111	49,084	111,648	34,848	1,355,078	411,361	90,425	11,853	11,357
1936	3,134	53,852	126,371	34,118	1,368,083	415,433	92,437	11,663	10,882
1937	3,173	54,944	133,908	33,601	1,377,088	418,248	91,799	11,572	10,800
1938	3,215	55,713	136,505	33,144	1,387,445	420,107	91,196	11,393	11,035
1939	3,236	56,617	139,493	32,839	1,392,657	421,854	91,170	11,462	10,848
1940	3,275	58,531	143,766	32,646	1,401,690	424,704	91,441	11,369	10,928
1941	3,298	61,085	149,759	32,445	1,411,573	427,756	91,502	11,407	11,265
1942	3,347	62,919	156,180	32,292	1,420,971	430,728	91,636	11,400	12,097
1943	3,408	58,602	170,879	32,179	1,425,860	432,281	96,513	11,258	14,287
1944	3.732	58,046	184.113	32,112	1,428.475	433.120	104,691	11,170	16,909
1945	3,884	57,993	190,574	32,106	1,435,059	435,209	106,853	11,201	18,558
1946	4,083	65,770	245,406	32,161	1,441,538	437,248	117,403	11,218	20,063
1947	4,167	67,733	287,029	32,249	1,449,767	439,750	128,582	11,296	21,700
1948	4,270	78,127	308,435	32,412	1,465,198	444,424	131,119	11,324	23,211

[1] Represents audited expenditures; in 1880 and 1890, some incidental expense included.

No. 554.—Postal Service Operation—Summary for Principal Items: 1925 to 1948

[For years ending June 30. See headnote, table 549. For sales of postage stamps and other stamped paper and postage collected on second-class matter, see table 550]

Item	1925	1930	1935	1940	1945	1947	1948
Transactions in stamped paper:							
Ordinary postage stamps issued (millions)	17,387	16,269	13,610	16,381	20,240	19,542	20,432
Stamped envelopes (millions)	2,997	3,164	1,618	1,650	2,065	1,996	2,118
Postal cards issued (millions)	1,497	1,643	1,754	2,257	2,282	2,951	3,657
Pieces of mail carried [1] (millions)	25,835	27,888	22,332	27,749	37,912	37,428	40,280
Second-class matter carried:							
Free in county (1,000 pounds)	69,195	75,326	57,560	60,626	59,787	73,178	77,245
Paid at pound rates (1,000 pounds)	1,348,297	1,554,415	1,063,389	1,283,673	1,319,587	1,871,505	2,004,695
Foreign mails dispatched by sea:							
Letters, post cards (1,000 pounds)	5,640	7,103	4,602	4,231	31,426	5,238	5,238
Other articles (1,000 pounds)	66,229	83,377	53,056	62,257	474,160	489,001	600,455
Mail registered:							
Domestic, paid (1,000 pieces)	70,512	76,189	41,318	40,533	[2] 81,094	[2] 69,270	[2] 69,470
International, paid (1,000 pieces)	10.993	7,869	3,444	2,713	[3]	[3]	[3]
Official, free (1,000 pieces)	8.414	8,680	10,582	12,082	[4] 22,907	[4] 16,161	[4] 17,064
Registry fees (1,000 dollars)	8,850	12,807	[5] 7,100	[5] 6,825	[4] [5] 17,706	[4] [5] 15,020	[4] [5] 15,070
Mail insured:							
Domestic, parcel post (1,000 pieces)	152,078	126,421	71,960	80,916	131,384	159,391	182,689
International (1,000 pieces)	603	649	311	380	[3]	[3]	[3]
Total fees paid (1,000 dollars)	8,061	8,775	5,249	5,702	[4] 12,259	[4] 12,641	[4] 15,189
Mail sent C. O. D.:							
Total pieces sent (1,000)	52,362	46,249	31,118	34,648	[4] 44,146	[4] 65,635	[4] 69,416
Total fees (1,000 dollars)	5,562	5,825	4,298	4,748	[4] 10,830	[4] 15,926	[4] 17,084

[1] Continental U. S. only. Data for 1925 are estimates.
[2] Includes "insured mail treated as registered mail," formerly included with regular insured mailings.
[3] Not published.
[4] Excludes data for international mail included in prior years.
[5] Not including surcharges (effective July 1, 1932) amounting to $3,815,000 in 1935, $2,674,000 in 1940, $7,371,000 in 1945, $5,972,000 in 1947, and $5,848,000 in 1948.

Source of tables 553 and 554: Post Office Department, Annual Report of the Postmaster General and records.

No. 555.—Postal Service Operation—Number of Offices, Mileage of Rural Routes, and Gross Receipts, by States and Other Areas

[Figures for years ending June 30]

Division, State, and other area	Number of post offices, 1948	Mileage of rural free-delivery routes 1948	Gross postal receipts (thousands of dollars)[1]					
			1930	1935	1940	1945	1947	1948
Grand total	**41,695**	**1,465,198**	**686,351**	**595,661**	**729,780**	**1,243,674**	**1,216,486**	**1,337,581**
Continental United States	**41,275**	**1,465,102**	**684,610**	**591,800**	**726,172**	**1,216,094**	**1,205,766**	**1,327,531**
New England	**2,299**	**45,425**	**51,375**	**46,111**	**54,022**	**77,245**	**83,113**	**91,515**
Maine	676	12,852	3,912	3,588	3,925	5,834	5,543	5,852
New Hampshire	334	6,551	2,286	2,216	2,718	3,815	4,282	4,510
Vermont	347	8,238	1,703	1,659	1,846	2,406	2,518	2,713
Massachusetts	571	8,662	29,627	25,890	29,796	42,120	45,669	50,461
Rhode Island	80	1,422	3,297	3,018	3,514	5,970	5,803	6,632
Connecticut	291	7,700	10,550	9,740	12,224	17,100	19,298	21,347
Middle Atlantic	**4,960**	**119,080**	**194,927**	**164,613**	**195,685**	**324,915**	**328,203**	**368,357**
New York	1,926	51,043	125,072	102,748	120,888	210,835	205,949	232,929
New Jersey	628	9,259	19,768	18,553	23,207	35,122	39,630	45,169
Pennsylvania	2,406	58,778	50,087	43,312	51,590	78,958	82,624	90,260
East North Central	**5,641**	**315,039**	**175,748**	**143,663**	**180,346**	**259,051**	**282,826**	**312,922**
Ohio	1,336	71,395	42,088	34,046	41,668	62,071	64,285	71,452
Indiana	902	60,304	15,613	13,388	16,810	26,745	26,625	29,392
Illinois	1,460	74,137	78,757	62,916	79,257	104,724	121,960	133,366
Michigan	1,016	56,355	24,133	20,048	26,870	42,109	44,670	50,142
Wisconsin	927	52,848	15,157	13,265	15,740	23,402	25,285	28,570
West North Central	**6,338**	**336,906**	**80,641**	**66,926**	**76,171**	**111,234**	**116,899**	**128,963**
Minnesota	1,035	55,662	17,614	15,089	17,600	24,886	27,238	29,738
Iowa	1,105	65,098	13,504	10,932	12,912	18,531	19,326	21,754
Missouri	1,468	63,500	28,988	22,748	25,806	37,517	40,539	45,322
North Dakota	606	29,258	2,721	2,562	2,747	3,583	3,726	4,063
South Dakota	551	25,351	2,750	2,433	2,614	3,686	3,813	4,101
Nebraska	668	37,742	7,279	6,217	6,925	10,397	10,719	11,642
Kansas	911	60,295	7,785	6,945	7,569	12,633	11,537	12,344
South Atlantic	**7,053**	**212,234**	**52,293**	**51,213**	**65,939**	**124,543**	**114,767**	**122,322**
Delaware	69	3,114	1,233	1,251	1,759	2,574	2,656	2,936
Maryland	550	12,191	8,519	7,706	9,435	15,328	15,326	16,092
Dist. of Columbia	1	144	6,047	6,307	8,242	18,637	16,776	16,229
Virginia	1,708	32,774	7,985	7,688	9,617	18,013	16,044	17,146
West Virginia	1,529	13,226	4,611	4,274	5,142	8,725	7,654	8,188
North Carolina	1,135	47,265	6,830	7,475	9,407	19,175	16,392	18,465
South Carolina	496	28,206	2,174	2,037	2,832	4,897	4,544	4,950
Georgia	903	58,381	9,220	8,452	10,630	18,631	17,713	19,182
Florida	662	16,933	5,674	6,023	8,875	18,561	17,662	19,134
East South Central	**4,656**	**163,330**	**23,736**	**21,330**	**26,881**	**49,905**	**44,197**	**47,641**
Kentucky	2,216	30,183	6,827	6,161	7,304	12,472	11,197	12,166
Tennessee	804	49,432	8,546	7,676	9,796	17,528	16,593	17,888
Alabama	907	43,630	5,108	4,524	5,961	11,991	10,139	10,981
Mississippi	729	40,085	3,255	2,969	3,820	7,914	6,268	6,606
West South Central	**4,699**	**180,062**	**37,240**	**33,206**	**42,606**	**81,886**	**73,410**	**79,879**
Arkansas	1,093	29,762	3,828	3,265	4,115	7,995	6,794	7,039
Louisiana	749	20,231	5,486	5,017	6,684	13,778	11,418	12,224
Oklahoma	862	45,346	7,272	6,217	7,375	13,032	11,514	12,381
Texas	1,995	84,723	20,654	18,707	24,433	47,080	43,684	48,236
Mountain	**2,908**	**39,111**	**17,276**	**15,914**	**19,778**	**32,171**	**32,414**	**35,375**
Montana	544	7,213	2,446	2,422	2,813	3,682	3,954	4,254
Idaho	398	7,705	1,513	1,488	1,878	2,815	2,856	3,067
Wyoming	271	1,336	993	992	1,189	1,811	1,769	1,930
Colorado	565	15,070	6,819	5,929	7,158	10,701	11,306	12,425
New Mexico	454	3,257	1,089	1,162	1,631	2,997	2,819	3,056
Arizona	259	2,282	1,532	1,456	1,990	4,228	4,128	4,562
Utah	292	2,072	2,347	1,928	2,434	4,591	4,314	4,780
Nevada	125	176	537	537	686	1,345	1,267	1,300
Pacific	**2,721**	**53,915**	**51,378**	**48,823**	**64,743**	**155,143**	**129,938**	**140,556**
Washington	691	17,591	8,719	8,026	9,964	21,402	19,048	20,424
Oregon	599	12,095	5,436	5,004	6,719	11,152	12,183	13,407
California	1,431	24,229	37,223	35,793	48,060	122,589	98,707	106,726
Alaska	215	----------	104	98	170	413	528	612
Guam	1	----------	3	3	13	(2)	(2)	221
Hawaii	92	59	774	834	1,480	22,726	4,806	4,747
Puerto Rico	105	37	527	568	809	2,489	1,999	1,924
Samoa (Tutuila)	1	----------	(2)	(2)	(2)	(2)	(2)	(2)
Virgin Islands	5	----------	15	17	36	48	55	54
Philatelic agency	----------	----------	317	2,340	1,101	1,903	3,331	2,491
Canton Island	----------	----------	----------	----------	----------	----------	(2)	----------

[1] Revenues from money-order business, postal savings, and certain miscellaneous items not included.
[2] Less than $500.

Source: Post Office Department, Annual Report of the Postmaster General.

19. Power

Energy for supplying mechanical power, heat, light and refrigeration for the complex machinery and processes necessary to maintain productivity and comfort in the United States is derived primarily from coal, oil, water, natural gas, wood and waste, wind, certain basic chemical and physical reactions, and the rays of the sun. Of these between 15 and 20 percent of the coal, over 2 percent of the oil, practically all of the water, and 10 percent of the natural gas are converted to electricity for application to the energy requirements of our economic system.

Statistics on these various sources of energy are compiled by numerous agencies but only a few of the series are reasonably complete or arranged to avoid duplication in a manner that permits ready computation of total energy requirements. Oil, coal, natural gas, and wood yield many products as well as power and, consequently, enter into many statistical series.

Data on coal, oil, and natural gas production, utilization, and related subjects are compiled annually by the Bureau of Mines and are published in the Minerals Yearbook. For summaries of statistical material from this source, see section 28, Mining and Mineral Products. Data on natural gas utilization and the production of manufactured gas from coal, oil, and related products, its utilization, and related statistics are published by the American Gas Association in its monthly bulletins and annual statistical numbers. Annual summary data are included in this section.

Data on the production of electric energy by type of prime mover and showing the quantities of basic fuels—coal, oil, natural gas, and others—used in production, and the capacity of all generating plants by type of prime mover and related statistics are compiled and published annually by the Federal Power Commission. These data cover both generation for public use by electric utilities and for use by the producer where generated by non-utility establishments. Data on sales, revenues, and customers by classes of service, on rates and typical bills, and related matters are also published by the Commission. Monthly statistics on production, fuels used in production, sales by classes of service, salaries and wages, taxes, and other costs are also published and distributed by the Federal Power Commission in a loose-leaf current data series known as Electric Power Statistics. Statistics on the distribution of electric energy by utilities for public use are presented monthly and annually by the Edison Electric Institute in its Statistical Bulletins. Summaries of these statistics appear in the following tables.

Data on the use of power by manufacturing, extracting, and related industries are issued from time to time by the Bureau of the Census in its Censuses of Manufactures and Mineral Industries. For the period 1939 to 1946, data on the use of electric power by major industry groups were compiled and published by the Federal Power Commission in a report on Industrial Electric Energy. This series has been discontinued, however, with 1946 the latest data available. Statistics based on these studies appear in the sections on manufacturing and mineral industries in this Abstract.

Over-all statistics on water as an actual and potential source of power are compiled by the Federal Power Commission and are shown in table 573.

The Bureau of the Census in the Census of Electrical Industries compiled at five-year intervals beginning in 1902 a report on the Electric Light and Power Industry. The last survey made was for the year 1937. Summary statistics from this report are shown in table 561.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series G 159–170") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

Data in this section relate to continental United States except as indicated.

No. 556.—Energy from Mineral Fuels and Water Power—Annual Supply: 1889 to 1948

[**In trillions of British thermal units.** Unit heat values employed are: Anthracite, 13,600 B. t. u. per pound; bituminous coal and lignite, 13,100 B. t. u. per pound; petroleum, 6,000,000 B. t. u. per barrel; natural gas, 1,075 B. t. u. per cubic foot. Water power includes installations owned by manufacturing plants and mines, as well as Government- and privately-owned public utilities. Fuel equivalent of water power calculated from kilowatt-hours of power produced wherever available, as is true of all public-utility plants since 1919. Otherwise, fuel equivalent calculated from reported horsepower of installed water wheels, assuming capacity factor of 20 percent for manufacturers and mines and of 40 percent for public utilities. See also *Historical Statistics*, series G 159–170]

Period	Total energy		Water power		Mineral fuels					
						Coal			Petroleum (total crude, including that refined) [3]	Natural gas
	Water power at constant fuel equivalent	Water power at prevailing central station equivalent	At constant fuel equivalent [1]	At prevailing central station equivalent [2]	Total	Total	Bituminous and lignite	Pennsylvania anthracite		
1889	4,316	(4)	91	(4)	4,225	3,746	2,507	1,239	211	[5] 268
1899	7,426	7,529	135	238	7,291	6,708	5,065	1,643	342	[5] 240
1900	7,905	8,009	146	250	7,759	7,123	5,563	1,560	382	[5] 254
1901–05 avg	10,102	10,216	209	323	9,893	8,958	7,140	1,818	612	323
1906–10 avg	13,867	13,974	369	477	13,498	11,990	9,783	2,207	1,037	470
1911–15 avg	16,722	16,743	591	611	16,132	13,954	11,527	2,427	1,559	619
1916–20 avg	20,648	20,505	851	708	19,797	16,504	13,981	2,523	2,473	820
1921–25 avg	21,308	20,856	1,105	653	20,203	14,722	12,610	2,112	4,457	1,024
1926–30 avg	25,002	24,006	1,781	785	23,221	15,679	13,595	2,084	5,782	1,760
1931–35 avg	19,988	18,777	1,931	719	18,057	10,667	9,207	1,460	5,566	1,824
1936–40 avg	25,007	23,418	2,442	853	22,565	12,335	10,945	1,390	7,648	2,582
1941–45 avg	33,600	31,050	3,782	1,232	29,818	16,724	15,114	1,610	9,458	3,636
1945	36,030	33,009	4,463	1,442	31,567	16,628	15,134	1,494	10,726	4,213
1946	35,287	32,313	4,380	1,406	30,907	15,635	13,989	1,646	10,939	4,333
1947	(4)	36,169	(4)	1,427	34,742	18,078	16,522	1,556	11,738	4,926
1948 [6]	(4)	37,145	(4)	1,481	35,664	17,261	15,707	1,554	12,869	5,534

[1] Assuming 4.02 pounds of coal per kilowatt-hour, average of central electric station practice in 1913, base period.
[2] Assuming average central-station practice for each year; declined from about 7.05 pounds of coal per kilowatt-hour in 1899 to 1.3 pounds in 1948. [3] Includes imports. [4] Not available.
[5] Based on amount of coal displaced by gas, as estimated by gas companies. [6] Preliminary.

Source: Department of Interior, Bureau of Mines; Minerals Yearbook. Preliminary data published in annual report, Bituminous Coal and Lignite.

No. 557.—Electric Utilities—Number of Electric Utility Supply Systems and Generating Plants, by Class of Ownership: 1922 to 1948

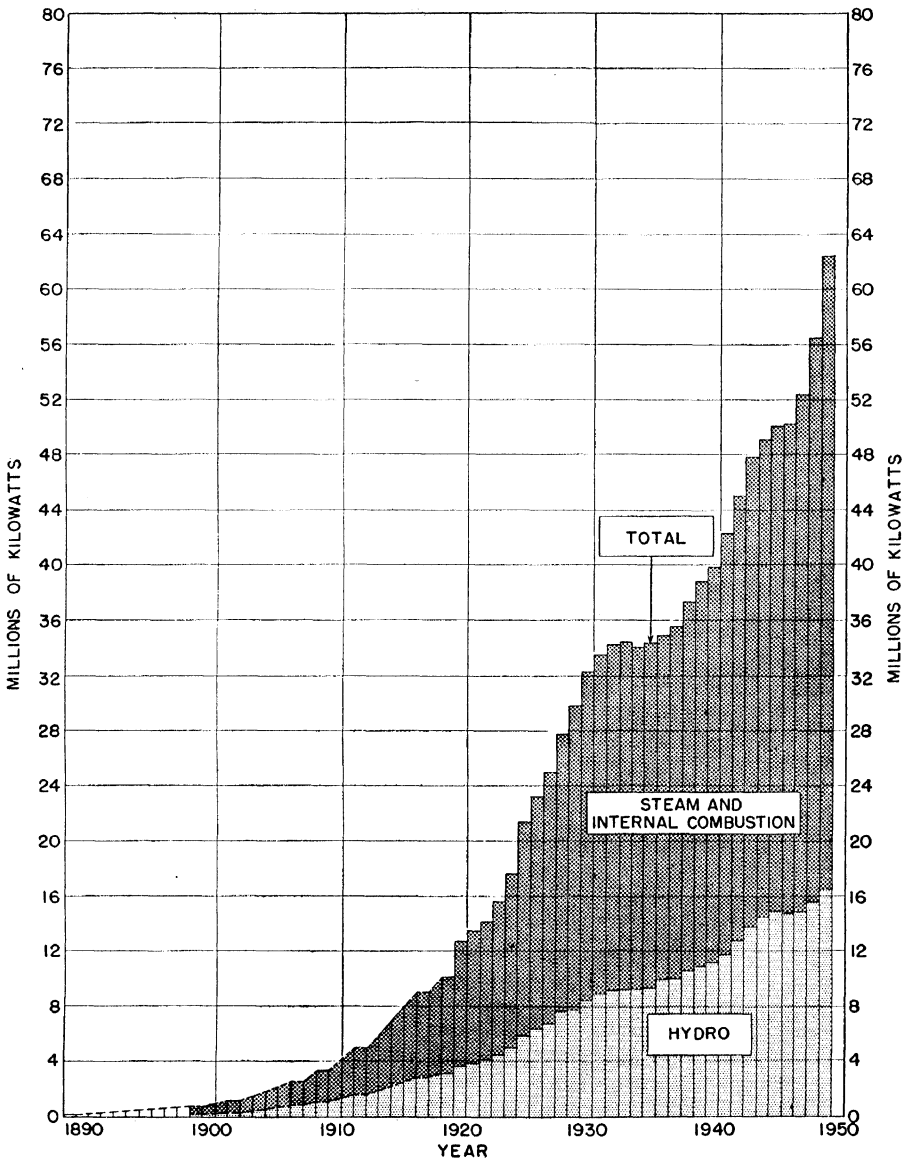
[Duplications of establishments operating in two or more States have been eliminated. Each type of prime move in combination generating plants counted separately; nonutility generating plants, approximately 4,500 in 1948, producing primarily for industrial use, are not included]

Dec. 31	Total, all classes	Privately owned	Publicly owned				
			Total	Municipal	Federal	Public utility districts and State projects	Cooperatives
1922: Total electric supply systems	6,355	3,774	2,581	2,581			
Systems with generating plants	4,389	2,650	1,739	1,739			
Number of generating plants	5,444	3,615	1,829	1,829			
1932: Total electric supply systems	3,429	1,627	1,802	1,799	3		
Systems with generating plants	1,788	923	865	862	3		
Number of generating plants	4,339	3,244	1,095	1,085	10		
1937: Total electric supply systems	3,501	1,407	2,094	1,877	25	11	181
Systems with generating plants	1,812	818	994	955	17	6	16
Number of generating plants	4,027	2,916	1,111	1,014	27	43	27
1942: Total electric supply systems	3,998	1,089	2,909	2,074	64	19	752
Systems with generating plants	1,550	511	1,039	953	16	10	60
Number of generating plants	3,902	2,510	1,392	1,103	78	81	130
1945: Total electric supply systems	4,051	1,060	2,991	2,092	74	25	800
Systems with generating plants	1,594	492	1,102	990	18	11	83
Number of generating plants	3,886	2,400	1,486	1,157	86	101	142
1946: Total electric supply systems	4,022	1,020	3,002	2,072	73	29	828
Systems with generating plants	1,580	460	1,120	1,000	17	13	90
Number of generating plants	3,854	2,354	1,500	1,161	84	107	148
1947: Total electric supply systems	3,885	858	3,027	2,067	72	34	854
Systems with generating plants	1,559	440	1,119	993	19	14	93
Number of generating plants	3,865	2,353	1,512	1,166	84	109	153
1948: Total electric supply systems	3,950	776	3,174	2,173	75	37	889
Systems with generating plants	1,522	419	1,103	973	19	14	97
Number of generating plants	3,879	2,376	1,503	1,146	86	111	160

Source: Federal Power Commission; annual report, Production of Electric Energy and Capacity of Generating Plants, and related data.

FIGURE R.—INSTALLED CAPACITY OF ELECTRIC UTILITY GENERATING PLANTS IN THE UNITED STATES: 1889 TO 1949

[See table 558]



Source: Federal Power Commission.

No. 558.—Production of Electric Energy and Number and Capacity of Generating Plants, by Class of Ownership and Type of Prime Mover: 1925 to 1948

[Installed capacity as of Dec. 31. Industrial series first available for 1939; detail by type of prime mover for 1943. See also *Historical Statistics*, series G 171–190 and G 200–224]

ITEM	1925	1930	1935	1940	1945	1946	1947	1948
CLASS OF OWNERSHIP								
Production, total (millions of kilowatt-hours)				179,907	271,255	269,609	307,400	336,809
Electric utilities (for public use), total	61,451	91,112	95,287	141,837	222,486	223,178	255,739	282,698
Privately owned	58,685	86,108	89,330	125,411	180,926	181,020	208,105	228,231
Publicly owned	2,766	5,003	5,958	16,426	41,560	42,158	47,634	54,467
Municipal	2,302	3,604	4,229	6,188	9,624	10,801	12,415	13,123
Federal	103	465	555	8,584	28,001	26,960	29,877	35,373
Cooperatives, power districts, State projects	172	518	732	1,175	3,146	3,598	4,511	5,134
Noncentral stations	189	416	442	479	790	800	831	838
Industrial plants [1]				38,070	48,769	46,431	51,661	54,110
Installed capacity, total (thousands of kilowatts)				50,962	62,868	63,066	65,151	69,615
Electric utilities (for public use), total	21,472	32,384	34,436	39,927	50,111	50,317	52,322	56,560
Privately owned	20,045	30,285	31,820	34,399	40,307	40,335	41,986	45,381
Publicly owned	1,427	2,099	2,615	5,528	9,804	9,982	10,336	11,179
Municipal	1,125	1,601	2,002	2,977	3,586	3,708	3,825	4,105
Federal	198	226	300	1,944	5,081	4,920	5,027	5,525
Cooperatives, power districts, State projects	49	154	175	435	891	1,102	1,226	1,293
Noncentral stations	56	118	139	173	245	253	257	256
Industrial plants [1]				11,035	12,757	12,749	12,829	13,055
TYPE OF PRIME MOVER								
Electric utilities (for public use):								
Number of plants, total [2]	3,738	4,043	4,023	3,918	3,886	3,854	3,865	3,879
Hydro	1,250	1,446	1,476	1,474	1,505	1,488	1,479	1,467
Steam	2,004	1,626	1,424	1,153	1,057	1,046	1,045	1,045
Internal combustion	484	971	1,123	1,291	1,324	1,320	1,341	1,367
Production, total (millions of kilowatt-hours)	61,451	91,112	95,287	141,837	222,486	223,178	255,739	282,698
Hydro	21,798	31,190	38,372	47,321	79,970	78,406	78,425	82,470
Steam	39,367	59,293	56,144	93,002	140,435	142,412	174,500	196,928
Internal combustion	286	629	771	1,514	2,081	2,360	2,813	3,300
Hydro as percent of total	35.5	34.2	40.3	33.4	35.9	35.1	30.7	29.2
Installed capacity, total (thousands of kilowatts)	21,472	32,384	34,436	39,927	50,111	50,317	52,322	56,560
Hydro	5,922	8,585	9,399	11,224	14,912	14,848	14,971	15,652
Steam	15,368	23,386	24,471	27,775	34,113	34,313	36,035	39,304
Internal combustion	182	414	566	928	1,087	1,155	1,317	1,604
Hydro as percent of total	27.6	26.5	27.3	28.1	29.8	29.5	28.6	27.7
Production per kilowatt of installed capacity (kilowatt-hours) [3]	2,862	2,813	2,767	3,552	4,440	4,435	4,888	4,998
Industrial plants: [1]								
Production, total (millions of kilowatt-hours)				38,070	48,769	46,431	51,661	54,110
Hydro					4,777	4,744	4,641	4,522
Fuel					43,992	41,687	47,021	49,588
Hydro as percent of total					9.8	10.2	9.0	8.4
Installed capacity, total (thousands of kilowatts)				11,035	12,757	12,749	12,829	13,055
Hydro					980	980	985	983
Steam					11,135	11,129	11,207	11,447
Internal combustion					641	640	636	625
Hydro as percent of total					7.7	7.7	7.7	7.5

[1] Industrial classification comprises production and capacity of 3,743 industrial electric power plants of 100 kilowatts and over in 1948, including amounts for stationary electric power plants of railroads and railways.
[2] Each prime mover type in combination plants counted separately.
[3] Based on capacity in service at end of year.

Source: Federal Power Commission; annual report, Production of Electric Energy and Capacity of Generating Plants, and industrial electric power summaries.

No. 559.—Generating Plants—Installed Capacity of Electric Utilities and Industrial Plants, by Type of Prime Mover and by Class of Ownership, by States: 1948

[Thousands of kilowatts]

Division and State	Total	Type of prime mover				Electric utilities			Industrial plants
		Electric utilities and industrial		Electric utilities		Total	Privately owned	Publicly owned	
		Fuel	Hydro	Fuel	Hydro			Municipal / Other	
United States	**69,615**	**52,979**	**16,635**	**40,908**	**15,652**	**56,560**	**45,381**	**4,105 / 7,074**	**13,055**
New England	**4,809**	**3,617**	**1,192**	**2,644**	**921**	**3,566**	**3,444**	**101 / 21**	**1,243**
Maine	602	226	376	121	254	374	372	2 / 1	228
New Hampshire	445	147	298	102	248	350	348	2 / -	95
Vermont	216	35	181	24	166	190	177	12 / (1)	26
Massachusetts	2,039	1,818	220	1,276	164	1,441	1,371	64 / 6	598
Rhode Island	404	392	13	319	3	322	316	- / 7	82
Connecticut	1,104	999	105	802	87	889	860	21 / 8	215
Middle Atlantic	**14,672**	**13,004**	**1,668**	**10,152**	**1,590**	**11,742**	**11,560**	**160 / 21**	**2,930**
New York	6,884	5,650	1,233	4,601	1,161	5,762	5,663	82 / 17	1,122
New Jersey	2,336	2,326	10	1,873	7	1,880	1,854	24 / 3	456
Pennsylvania	5,451	5,027	425	3,678	422	4,099	4,044	54 / 1	1,352
East North Central	**16,172**	**15,354**	**818**	**12,122**	**742**	**12,864**	**11,688**	**960 / 216**	**3,308**
Ohio	4,417	4,402	16	3,538	12	3,550	3,262	279 / 9	867
Indiana	2,179	2,143	35	1,645	35	1,681	1,428	252 / 1	498
Illinois	4,220	4,165	54	3,532	49	3,582	3,410	131 / 41	638
Michigan	3,645	3,263	382	2,254	367	2,621	2,286	224 / 111	1,024
Wisconsin	1,712	1,381	331	1,152	279	1,431	1,302	75 / 54	281
West North Central	**4,579**	**3,960**	**620**	**3,414**	**564**	**3,978**	**2,718**	**840 / 420**	**601**
Minnesota	1,108	935	173	751	126	877	673	180 / 24	231
Iowa	1,013	878	135	760	135	895	730	140 / 25	118
Missouri	986	836	151	703	151	853	705	148 / (1)	133
North Dakota	143	143	-	139	-	139	119	9 / 10	4
South Dakota	163	152	11	137	3	140	108	30 / 2	23
Nebraska	468	327	142	314	142	455	2	101 / 353	13
Kansas	698	691	7	612	7	619	382	231 / 6	79
South Atlantic	**9,388**	**6,726**	**2,662**	**5,067**	**2,221**	**7,288**	**6,502**	**325 / 461**	**2,100**
Delaware	73	72	1	28	-	28	17	12 / -	45
Maryland	1,156	883	272	738	271	1,010	982	20 / 8	146
Dist. of Columbia	526	522	4	505	3	508	505	- / 3	18
Virginia	1,323	1,117	206	679	182	861	813	27 / 21	462
West Virginia	1,520	1,313	208	855	101	956	955	(1) / (1)	564
North Carolina	1,913	986	928	828	658	1,486	1,208	64 / 214	427
South Carolina	1,040	365	676	173	651	823	652	7 / 165	217
Georgia	952	596	356	503	343	846	800	14 / 31	106
Florida	886	874	13	758	13	770	571	181 / 19	116
East South Central	**4,206**	**1,863**	**2,343**	**1,406**	**2,335**	**3,741**	**1,542**	**85 / 2,114**	**465**
Kentucky	788	517	271	451	271	722	520	28 / 173	66
Tennessee	1,635	563	1,072	422	1,072	1,494	179	17 / 1,298	141
Alabama	1,601	601	1,000	402	992	1,394	750	4 / 640	207
Mississippi	182	182	-	131	-	131	93	35 / 3	51
West South Central	**4,575**	**4,186**	**388**	**2,972**	**385**	**3,358**	**2,620**	**346 / 392**	**1,217**
Arkansas	431	327	105	157	102	259	192	32 / 35	172
Louisiana	1,021	1,021	-	699	-	699	612	59 / 28	322
Oklahoma	639	565	74	515	74	589	448	58 / 83	50
Texas	2,483	2,272	210	1,600	210	1,810	1,368	197 / 245	673
Mountain	**3,484**	**1,428**	**2,056**	**801**	**2,051**	**2,852**	**1,391**	**117 / 1,345**	**632**
Montana	402	29	374	16	373	389	336	- / 54	13
Idaho	323	29	294	5	292	297	261	13 / 23	26
Wyoming	166	112	55	50	55	104	48	2 / 54	62
Colorado	495	406	88	294	87	381	206	56 / 28	114
New Mexico	243	218	25	175	25	200	158	15 / 27	43
Arizona	891	350	541	168	541	709	131	3 / 575	182
Utah	343	250	92	86	92	179	149	26 / 4	164
Nevada	621	35	587	7	586	593	13	1 / 579	28
Pacific	**7,728**	**2,841**	**4,887**	**2,330**	**4,841**	**7,171**	**3,915**	**1,171 / 2,085**	**557**
Washington	2,308	408	1,900	204	1,873	2,077	541	494 / 1,042	231
Oregon	1,028	299	730	198	713	910	363	28 / 519	118
California	4,392	2,134	2,258	1,928	2,256	4,184	3,011	650 / 523	208

[1] Less than 500.

Source: Federal Power Commission; based on annual report, Production of Electrical Energy and Capacity of Generating Plants, 1948.

No. 560.—Electric Energy—Production by Electric Utilities and Industrial Plants, by Type of Prime Mover and by Class of Ownership, by States: 1948

[Millions of kilowatt-hours]

Division and State	Total	Type of prime mover				Electric utilities				Industrial plants
		Electric utilities and industrial		Electric utilities		Total	Privately owned	Publicly owned		
		Fuel	Hydro	Fuel	Hydro			Municipal	Other	
United States	336,808	249,816	86,992	200,228	82,470	282,698	228,231	13,123	41,345	54,110
New England	17,748	13,733	4,015	11,315	3,026	14,341	14,005	270	66	3,407
Maine	2,447	916	1,532	492	985	1,476	1,465	8	3	971
New Hampshire	1,408	553	855	406	654	1,060	1,055	5	-------	348
Vermont	693	64	628	43	580	624	590	34	-------	69
Massachusetts	7,238	6,576	663	5,456	531	5,987	5,789	180	19	1,251
Rhode Island	1,526	1,502	24	1,355	9	1,364	1,337	-------	27	162
Connecticut	4,435	4,123	312	3,564	266	3,830	3,770	43	16	605
Middle Atlantic	68,135	58,733	9,402	48,368	9,064	57,432	56,915	413	104	10,703
New York	30,438	22,924	7,514	19,958	7,206	27,164	26,853	219	93	3,274
New Jersey	9,903	9,860	43	8,326	31	8,357	8,281	66	10	1,546
Pennsylvania	27,794	25,950	1,844	20,085	1,826	21,911	21,781	128	1	5,883
East North Central	79,056	76,253	2,803	62,643	2,498	65,141	61,360	2,968	813	13,915
Ohio	23,204	23,163	42	19,187	28	19,215	18,289	906	20	3,989
Indiana	11,196	11,080	116	8,652	115	8,767	8,076	690	1	2,429
Illinois	20,653	20,445	207	18,091	182	18,274	17,719	421	134	2,379
Michigan	16,694	15,330	1,364	11,439	1,318	12,757	11,660	705	392	3,937
Wisconsin	7,310	6,235	1,075	5,273	856	6,129	5,617	247	265	1,181
West North Central	18,438	15,909	2,530	13,939	2,311	16,250	12,351	2,231	1,668	2,188
Minnesota	4,724	3,906	818	3,318	630	3,948	3,431	460	57	776
Iowa	4,132	3,471	662	2,931	662	3,592	3,173	352	67	540
Missouri	3,633	3,174	459	2,767	459	3,226	2,819	406	(1)	407
North Dakota	513	513	-------	499	-------	499	443	30	27	14
South Dakota	525	480	45	410	16	426	342	81	3	99
Nebraska	1,767	1,239	528	1,221	526	1,748	3	237	1,507	19
Kansas	3,145	3,126	18	2,792	18	2,811	2,140	665	5	334
South Atlantic	46,345	34,636	11,708	26,762	9,326	36,089	32,882	1,078	2,128	10,256
Delaware	169	169	-------	35	-------	35	15	20	-------	134
Maryland	5,689	4,308	1,381	3,633	1,376	5,009	4,952	44	13	680
Dist. of Columbia	2,402	2,396	6	2,369	5	2,374	2,369	-------	5	28
Virginia	6,333	5,532	802	3,605	709	4,313	4,184	76	54	2,020
West Virginia	9,566	8,500	1,066	6,042	463	6,505	6,503	1	(1)	3,061
North Carolina	9,349	5,113	4,237	4,350	2,712	7,061	5,784	187	1,091	2,288
South Carolina	4,111	1,465	2,647	622	2,553	3,175	2,311	25	839	936
Georgia	4,362	2,851	1,511	2,433	1,450	3,883	3,774	31	78	479
Florida	4,362	4,303	59	3,674	59	3,733	2,990	696	47	629
East South Central	23,462	10,426	13,036	8,231	13,011	21,242	8,485	279	12,479	2,220
Kentucky	4,154	2,682	1,472	2,489	1,472	3,961	2,754	132	1,076	193
Tennessee	9,047	3,273	5,774	2,643	5,774	8,417	940	46	7,431	630
Alabama	9,438	3,648	5,790	2,524	5,765	8,289	4,302	16	3,971	1,149
Mississippi	824	824	-------	575	-------	575	490	85	-------	249
West South Central	24,443	23,410	1,033	16,771	1,022	17,793	15,353	1,150	1,291	6,650
Arkansas	2,013	1,749	264	774	254	1,028	809	70	148	985
Louisiana	6,185	6,185	-------	4,409	-------	4,409	4,159	186	64	1,776
Oklahoma	2,883	2,611	272	2,389	272	2,661	2,232	153	275	222
Texas	13,362	12,866	497	9,200	497	9,696	8,152	740	804	3,666
Mountain	17,449	5,774	11,676	3,147	11,661	14,808	7,128	387	7,293	2,641
Montana	2,899	56	2,844	27	2,843	2,870	2,541	-------	329	29
Idaho	1,681	58	1,623	4	1,618	1,622	1,385	62	175	59
Wyoming	531	251	280	109	280	389	110	4	275	142
Colorado	1,975	1,602	372	1,227	365	1,592	1,317	181	94	383
New Mexico	1,072	991	81	765	81	846	725	36	85	226
Arizona	4,132	1,602	2,530	752	2,530	3,282	496	7	2,779	850
Utah	1,446	1,102	344	256	344	600	488	96	16	846
Nevada	3,714	113	3,600	8	3,599	3,607	67	1	3,540	107
Pacific	41,731	10,942	30,790	9,052	30,550	39,601	19,751	4,347	15,504	2,130
Washington	14,815	1,011	13,803	272	13,609	13,881	3,355	1,968	8,559	934
Oregon	5,778	608	5,170	307	5,126	5,433	1,404	137	3,892	345
California	21,138	9,323	11,815	8,473	11,814	20,287	14,992	2,242	3,053	851

[1] Less than 500,000.

Source: Federal Power Commission; based on annual report, Production of Electric Energy and Capacity of Generating Plants, 1948.

No. 561.—Electric Light and Power Industry—Summary: 1902 to 1937

[Figures cover all establishments engaged either in generation and distribution of electric energy, or distribution or transmission of electric energy, to public or private consumers. Excludes establishments which consume all current generated, such as manufacturing and mining companies, railroads, railways, hotels, and other enterprises not in nature of public utilities, unless a portion of generated output was sold commercially. Plants operated by Federal Government or by States excluded unless energy sold commercially]

ITEM	1902	1912	1917	1922	1927	1932	1937
Number of reporting establishments,[1] total	3,620	5,221	6,542	6,355	4,335	3,429	3,501
Generating all or part of current	[2]	4,646	5,124	4,389	2,331	1,788	1,812
Distributing or transmitting only	[2]	575	1,418	1,966	2,004	1,641	1,689
Number of separate generating stations	[2]	[2]	5,952	5,444	4,801	4,339	[3] 4,027
Prime movers, hp. (thousands)	1,845	7,530	12,937	19,851	35,710	47,967	50,220
Steam engines	1,394	1,895	1,702	1,371	994	649	712
Steam turbines		3,054	6,747	12,355	24,323	32,904	33,177
Internal-combustion engines	12	111	210	303	548	881	1,101
Hydroturbines and water wheels	439	2,469	4,277	5,822	9,844	13,532	15,230
Generators, rated kilowatt capacity (thousands)	1,212	5,165	8,994	14,313	25,811	34,623	36,481
Output,[4] kilowatt-hours (millions)		14,183	31,044	50,274	96,829	111,716	168,300
Reported as generated	2,507	11,569	25,438	40,292	74,686	79,657	121,097
Reported as purchased or received from other sources	[2]	2,614	5,606	9,983	22,142	32,058	47,202
Number of customers (thousands)	[2]	3,838	7,179	12,710	21,790	23,862	27,219
Revenue from elec. service ($1,000)	[5] 84,187	[5] 287,139	[5] 502,060	[5] 1,020,439	1,802,655	1,975,304	2,356,513
Sales, kilowatt-hours (millions)	[2]	[2]	25,752	41,965	79,011	88,265	132,930
Distribution for other purposes (non-revenue), kilowatt-hours (millions)	[2]	[2]	[2]	[2]	17,817	23,451	35,370
Operating expenses, ($1,000) [6]	[2]	[2]	[2]	553,068	[7] 750,484	803,100	1,042,193
Value of electric utility plant ($1,000,000)	505	2,176	3,060	4,465	[8] 9,297	12,664	12,941
Employees, number	30,326	79,335	105,541	150,762	251,020	244,573	281,335
Salaries and wages ($1,000)	20,647	61,162	95,242	212,433	[7] 367,632	[9] 323,880	470,353

[1] The term "establishment" as here used may represent a single electric station (either generating or distributing or both) or a number of such stations operated under the same ownership. [2] Not available.
[3] Comprises 1,112 stations operated by steam; 1,283 by internal-combustion; 1,426 by water; and 206 composite (stations having more than 1 type of prime mover).
[4] Comprises generated output and energy purchased and received from other sources. Since the energy "Received from other sources" was, in a large part, purchased from other electric light and power companies, a considerable duplication is involved, as such energy would also be included in the "Generated."
[5] Includes "Estimated value of free service."
[6] Includes cost of fuel purchased and interchanged power, maintenance and other operating expenses.
[7] Reported by commercial establishments only. No data for municipal establishments.
[8] Includes value of plant and equipment, $902,000,000, owned by companies engaged in the operation of electric light and power plants and other public utilities, not distributed among the several utilities.
[9] Not comparable with other years; includes only salaries and wages chargeable to electric operating service.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Electric Light and Power Industry. Survey discontinued.

No. 562.—Electric Light and Power Industry—Energy Generated, Sales, Revenue, and Customers: 1930 to 1949

[Figures for energy generated obtained by Edison Electric Institute from Federal Power Commission. Figures for sales, revenue, and customers for 1930 and 1935 not strictly comparable with those for 1940 and subsequent years due to change in classification of sales. See also *Historical Statistics*, series G 225-233]

CLASS	1930 [1]	1935 [1]	1940	1945	1948	1949
Energy generated.....million kilowatt-hours	91,112	95,287	141,837	222,486	282,698	291,032
Sales to ultimate customers.....do	**74,906**	**77,596**	**118,643**	**193,558**	**240,740**	**248,473**
Residential or domestic [2]	11,018	13,978	23,318	34,184	50,978	58,136
Rural (distinct rural rates) [3]	1,473	1,211	1,991	3,668	6,327	7,384
Commercial and industrial:						
Small light and power	13,944	13,588	22,373	30,438	43,193	46,262
Large light and power	40,148	40,865	59,557	107,490	124,088	120,702
All other	8,323	7,955	11,405	17,777	16,154	15,989
Revenue from ultimate customers.....$1,000	**1,990,955**	**1,911,989**	**2,440,218**	**3,341,518**	**4,313,313**	**4,614,544**
Residential or domestic [2]	664,441	700,358	895,951	1,167,356	1,532,663	1,716,784
Rural (distinct rural rates) [3]	24,524	21,572	49,473	90,345	140,648	16,0838
Commercial and industrial:						
Small light and power	575,598	519,213	689,253	850,213	1,152,783	1,228,904
Large light and power	566,468	531,107	631,428	1,001,957	1,250,684	1,262,767
All other	159,924	139,739	174,112	231,647	236,535	245,251
Ultimate customers, Dec. 31.....thousands	**24,556**	**25,313**	**30,191**	**34,031**	**40,722**	**42,851**
Residential or domestic [2]	20,332	21,019	24,952	28,117	33,549	35,375
Rural (distinct rural rates) [3]	199	216	686	1,234	1,695	1,804
Commercial and industrial:						
Small light and power	3,626	3,711	4,260	4,398	5,132	5,291
Large light and power	347	305	178	162	204	232
All other	53	62	115	119	142	149

[1] See headnote. [2] Prior to 1940 covers residential and eastern farms. [3] Prior to 1940 covers western farms.
Source: Edison Electric Institute, New York, N. Y.; annual statistical bulletin.

No. 563.—Electric Utilities—Balance Sheet and Income Account of Privately Owned Classes A and B Companies: 1937 to 1948

[**In thousands of dollars.** For years ending Dec. 31. Data cover reports of all companies having annual electric revenues in excess of $250,000. These concerns represent approximately 98 percent of the total privately owned electric utility industry]

ITEM	1937	1940	1943	1945	1947	1948
COMPOSITE BALANCE SHEET						
Assests and other debits, total	**15,378,135**	**15,579,209**	**15,579,588**	**14,568,323**	**15,686,021**	**17,346,923**
Electric utility plant	9,614,616	10,447,232	11,831,380	12,175,986	13,610,718	15,214,579
Other utility plant	1,512,880	1,650,694	1,821,418	1,823,914	1,964,260	2,062,065
Unclassified utility plant	2,724,087	2,309,061	1,190,851	490,882	454,053	479,939
Total utility plant	**13,851,583**	**14,406,987**	**14,843,649**	**14,490,782**	**16,029,031**	**17,756,583**
Reserve for depreciation and amortization	*1,495,250*	*1,912,974*	*2,557,240*	*3,064,919*	*3,571,634*	*3,859,085*
Total utility plant less reserves	12,356,333	12,494,013	12,286,409	11,425,863	12,457,397	13,897,498
Utility plant adjustments	(1)	(1)	(1)	(1)	(1)	[2] 1,079
Investment and fund accounts	1,462,433	1,380,403	1,289,818	1,089,443	1,095,965	[2] 1,154,562
Current and accrued assets	959,076	1,122,902	1,582,936	1,695,721	1,786,508	1,985,206
Other assets	600,293	581,891	420,425	357,296	346,151	308,578
Liabilities and other credits, total	**15,378,135**	**15,579,209**	**15,579,588**	**14,568,323**	**15,686,021**	**17,346,923**
Common capital stock	4,306,364	4,392,601	4,210,241	3,879,314	3,949,270	4,225,670
Preferred capital stock	2,125,431	2,078,219	2,142,825	2,071,133	2,121,717	2,178,701
Premiums assessments, etc	96,590	100,032	108,892	111,815	152,673	185,712
Total capital stock	**6,528,385**	**6,570,852**	**6,461,958**	**6,062,262**	**6,223,660**	**6,590,083**
Capital surplus	223,998	256,899	252,421	239,439	403,966	375,182
Earned surplus	802,281	860,351	845,230	765,522	888,107	1,035,741
Long-term debt	6,850,195	6,895,460	6,587,455	6,141,453	6,601,429	7,718,669
Current and accrued liabilities	692,384	692,038	986,599	964,830	1,203,502	1,359,690
Other liabilities	280,892	303,609	445,925	394,817	365,357	267,558
COMPOSITE INCOME ACCOUNT						
Electric utility operating income:						
Operating revenues	2,157,277	2,403,712	2,970,711	3,171,457	3,697,898	4,167,285
Operating expenses	928,629	1,013,189	1,315,210	1,453,615	1,953,744	2,327,226
Depreciation and amortization	212,865	256,396	300,445	315,858	332,197	358,832
Taxes	305,427	397,400	666,597	639,096	651,286	702,054
Total operating revenue deductions	**1,446,921**	**1,666,985**	**2,282,252**	**2,408,569**	**2,937,227**	**3,388,112**
Net operating revenues	710,356	736,727	688,459	762,888	760,671	779,173
Income from electric plant leased to others	7,514	7,625	5,963	4,750	4,524	5,195
Electric utility operating income	**717,870**	**744,352**	**694,422**	**767,638**	**765,195**	**784,368**
Other utility operating income	51,095	60,536	64,938	65,082	50,172	45,416
Total utility operating income	**768,965**	**804,888**	**759,360**	**832,720**	**815,367**	**829,784**
Other income	70,698	68,149	58,020	54,338	67,343	65,767
Gross income	**839,663**	**873,037**	**817,380**	**887,058**	**882,710**	**895,551**
Income deductions:						
Interest on long-term debt	282,905	266,607	243,910	210,771	190,516	211,798
Other income deductions (net)	47,279	58,766	71,947	141,833	49,512	26,945
Total income deductions	**330,184**	**325,373**	**315,857**	**352,604**	**240,028**	**238,743**
Net income	509,479	547,664	501,523	534,454	642,682	656,808

[1] Included with utility plant. [2] Less reserves.

Source: Federal Power Commission; annual report, Statistics of Electric Utilities in the United States.

No. 564.—Electric Utility Depreciation Practices—Relationship of Reserves and Expenses to Electric Plant: 1937 to 1948

[**Money figures in millions of dollars.** See headnote, table 563, for coverage. Utilities not segregating electric plant, depreciation reserve and expense accounts excluded]

ITEM	1937	1944	1945	1946	1947	1948
Number of utilities	121	258	253	255	246	249
Total electric plant	5,358	8,833	8,880	9,324	9,181	10,784
Estimated depreciable electric plant	(1)	7,784	7,928	8,222	7,931	9,292
ELECTRIC DEPRECIATION RESERVES						
Amount	635	1,728	1,900	2,081	2,095	2,408
Ratio to total plant (percent)	11.9	19.6	21.4	22.3	22.8	22.3
Ratio to depreciable plant (percent)	----------	22.2	24.0	25.3	26.4	25.9
ELECTRIC DEPRECIATION EXPENSE						
Amount	103	217	214	220	209	246
Ratio to total plant (percent)	1.92	2.46	2.41	2.36	2.28	2.28
Ratio to depreciable plant (percent)	----------	2.79	2.70	2.68	2.64	2.65

[1] Not available.

Source: Federal Power Commission; Reports on Electric Utility Depreciation Practices.

No. 565.—Consumption of Fuels by Electric Utilities for Production of Electric Energy: 1920 to 1949

[Use of fuels for stand-by purposes is included. See also *Historical Statistics*, series G 194-199]

Calendar year	Consumption of fuels: Coal (thousand tons) [1] Total	Bituminous [2]	Anthracite	Lignite [2]	Fuel oil (thousand barrels) [3]	Gas (million cubic feet)	Consumption of coal and coal equivalent of other fuels (thousand tons) [1]	Output by fuels [4] (million kilowatt-hours)	Consumption per kilowatt-hour (pounds)
1920	31,640	30,099	1,540	----------	12,690	22,136	35,791	23,495	3.0
1925	35,615	33,803	1,812	----------	9,794	45,472	40,014	39,443	2.0
1930	40,278	38,130	2,148	----------	8,805	119,553	47,545	59,583	1.60
1935	32,715	30,936	1,779	----------	11,257	124,118	40,797	56,689	1.44
1939	44,539	40,821	2,235	1,483	17,139	188,877	57,598	83,628	1.38
1940	51,474	47,721	2,348	1,405	16,325	180,096	62,942	93,963	1.34
1941	62,668	58,686	2,780	1,202	20,077	201,763	75,700	113,272	1.34
1942	66,257	62,262	2,785	1,210	15,236	235,208	79,075	121,585	1.30
1943	77,301	73,072	3,265	963	17,986	301,937	93,275	143,785	1.30
1944	80,084	75,720	3,427	936	20,862	358,784	99,251	153,868	1.29
1945	74,725	70,621	3,122	982	20,228	326,212	92,642	142,331	1.30
1946	72,197	67,623	3,453	1,120	36,316	306,942	93,471	144,555	1.29
1947	89,531	85,033	3,522	976	45,309	373,054	115,672	176,983	1.31
1948	99,586	94,470	3,966	1,151	42,645	478,097	130,122	199,796	1.30
1949	84,072	[5]	[5]	[5]	66,303	549,889	[5]	200,977	1.24

[1] Of 2,000 pounds. [2] Lignite included with bituminous coal prior to 1930. [3] Of 42 gallons.
[4] Output by use of wood and waste not included. [5] Not yet available.

Source: Federal Power Commission; annual report, Consumption of Fuels for Production of Electric Energy; also, related monthly reports.

No. 566.—Farm Electrification: 1930 to 1948

Item	1930	1935	1940	1945	1946	1947	1948
Total number of farms [1]	6,288,648	6,812,350	6,096,799	5,859,169	----------	----------	----------
Total number of farms served, Dec. 31	649,900	788,800	2,050,000	2,929,000	3,335,700	3,817,100	4,388,200
By private companies	----------	----------	1,448,500	1,707,100	1,883,649	2,082,316	2,250,595
By public authorities, total	----------	----------	601,500	1,221,900	1,452,051	1,734,784	2,137,605
By REA cooperatives [2]	----------	----------	517,500	1,051,000	1,260,516	1,533,894	1,921,160
Other public [3]	----------	----------	84,000	170,900	191,535	200,890	216,445
EASTERN FARMS [4]							
Number of customers (farms served), average	423,393	551,480	1,431,028	2,160,265	2,400,404	2,737,946	3,135,730
Sales, kilowatt-hours (1,000)	315,597	481,688	1,535,350	3,394,000	4,006,000	4,934,000	6,263,212
Revenue ($1,000)	22,166	26,832	66,525	124,309	143,539	168,159	206,727
Kilowatt-hours per customer	745	873	1,073	1,571	1,669	1,802	1,997
Annual bill, average	$52.37	$48.63	$46.46	$57 50	$59.75	$61.45	$65.90
Revenue per kilowatt-hour (cents)	7.03	5.57	4.33	3.66	3.58	3.41	3.30
WESTERN FARMS [4]							
Number of customers (farms served), average	189,661	213,406	413,989	637,600	731,298	838,993	966,096
Sales, kilowatt-hours (1,000)	1,473,195	1,210,710	1,820,000	2,514,000	3,272,000	4,040,000	5,130,110
Revenue ($1,000)	24,524	21,572	35,500	52,595	65,050	72,104	91,167
Kilowatt-hours per customer	7,768	5,673	4,396	3,943	4,474	4,815	5,310
Annual bill, average	$128.95	$100.98	$85.72	$82.41	$89.03	$86.19	$94.52
Revenue per kilowatt-hour (cents)	1.66	1 78	1 95	2 09	1 99	1.79	1.78

[1] Census figures; relate to Apr. 1 for 1930 and 1940 and Jan. 1 for 1935 and 1945.
[2] Represents cooperatives only and excludes customers of all other agencies (companies and municipals) financed in whole or in part by REA.
[3] Customers served by municipal systems and various power districts not financed by REA.
[4] "Eastern farms" are those located in the area not affected by heavy irrigation pumping and their statistics are a measure of use of electricity on the average farm. "Western farms" are those where irrigation may be involved. Possibly less than one-fifth of farms in irrigation States do actual pumping, but statistics are not available to make a more accurate separation. Figures for "Western farms," therefore, are more a reflection of fluctuation in the energy used than they are of the conventional farm requirements.

Source: Edison Electric Institute, New York, N. Y.; annual statistical bulletin.

No. 567.—Rural Electrification Administration—Summary of Operations: 1935 to 1949

YEAR	TOTAL LOANS APPROVED AS OF DEC. 31 [1]		DATA FOR SYSTEMS IN OPERATION						
			As of Dec. 31			During year			
	Borrowers [2]	Amount	Systems [3]	Miles energized [4]	Consumers connected	Kilowatt hours generated	Kilowatt hours purchased	Kilowatt hours billed	Total revenue
	Number	*$1,000*	*Number*	*Miles*	*Number*	*1,000*	*1,000*	*1,000*	*$1,000*
1935	-------	6,977	2	0	0	-------	-------	-------	-------
1938	-------	181,248	350	67,409	176,382	-------	-------	-------	-------
1939	688	268,045	548	181,359	435,566	-------	-------	-------	-------
1940	791	351,455	685	267,846	674,195	-------	-------	-------	-------
1941	869	433,988	773	348,062	902,266	83,123	854,370	724,385	35,022
1942	868	460,468	803	378,015	1,012,284	131,189	1,304,623	1,150,536	46,927
1943	873	473,742	811	390,058	1,087,801	199,228	1,828,132	1,679,381	55,588
1944	904	517,700	826	410,471	1,216,798	213,462	2,105,332	1,925,734	64,043
1945	961	666,954	848	449,579	1,408,918	258,397	2,344,550	2,136,384	73,607
1946	1,009	958,009	869	506,838	1,683,901	319,913	2,730,265	2,477,509	89,948
1947	1,029	1,190,527	911	603,064	2,046,095	433,282	3,720,705	3,398,290	114,998
1948	1,044	1,574,924	952	759,494	2,518,450	718,283	5,018,725	4,757,051	151,674
1949 [5]	1,066	1,999,280	991	939,473	3,031,098	909,522	6,491,075	6,187,250	196,412

[1] For years prior to 1948, includes amounts not yet under loan contract.
[2] Organizations, mainly cooperatives, to which loans for extending central station electric service in rural areas are made.
Rural electric distribution, generation, and transmission systems operated by REA borrowers.
Pole miles of electric distribution and transmission line in service. [5] Preliminary.

Source: Department of Agriculture, Rural Electrification Administration; annual report, Agricultural Statistics.

No. 568.—Natural-Gas Companies—Composite Income Account: 1939 to 1948

[**In thousands of dollars.** For years ending Dec. 31. Excludes natural-gas companies deriving 50 percent or more of utility operating income from other than natural-gas operations]

ITEM	1939	1940	1943	1945	1947	1948
Gas operating income:						
Operating revenues	414,335	460,380	553,216	599,869	738,809	869,477
Operating expenses	235,315	254,750	306,944	338,413	456,078	537,534
Depreciation and amortization	47,219	50,385	59,535	60,364	63,781	77,034
Taxes	38,030	52,851	93,903	90,122	86,707	100,812
Total operating-revenue deductions	320,564	357,986	460,382	488,899	606,566	715,380
Net operating revenues	93,771	102,394	92,834	110,970	132,243	154,097
Income from gas plant leased to others	66	89	116	394	136	308
Gas operating income	93,837	102,483	92,950	111,364	132,379	154,405
Other utility operating income	1,241	1,256	1,145	837	543	662
Utility income	95,078	103,739	94,095	112,201	132,922	155,067
Exploration and development costs	4,058	5,150	6,513	7,606	7,682	8,103
Net utility income	91,020	98,589	87,582	104,595	125,240	146,964
Other income	6,006	6,095	5,240	4,969	9,631	10,125
Gross income	97,026	104,684	92,822	109,564	134,871	157,089
Income deductions:						
Interest on long-term debt	21,812	20,584	17,247	16,352	17,366	27,567
Other income deductions, net	8,331	8,579	8,881	10,253	3,968	4,520
Total income deductions	30,143	29,163	26,128	26,605	21,334	32,087
Net income	66,883	75,521	66,694	82,959	113,537	125,002

Source: Federal Power Commission; Annual Report.

No. 569.—Gas Utility Industry—Customers, Sales, and Revenues, by Type of Gas: 1948 and 1949

[See headnote, table 570]

TYPE OF GAS	CUSTOMERS (1,000) [1]			SALES (1,000,000 CUBIC FEET)			REVENUES ($1,000)		
	1948	1949 [2]	Percent change	1948	1949 [2]	Percent change	1948	1949 [2]	Percent change
All types	**22,249**	**23,296**	**+4.7**	([3])	([3])	-------	**1,579,603**	**1,678,789**	**+6.3**
Manufactured gas	8,503	8,597	+1.1	442,154	432,151	−2.3	463,152	484,951	+4.7
Natural gas	11,466	12,568	+9.6	2,894,650	3,075,295	+6.2	994,841	1,077,878	+8.3
Mixed gas	1,962	1,797	−8.4	148,102	137,654	−7.1	102,814	95,220	−7.4
Liquefied petroleum gas	318	334	+5.0	10,134	10,792	+6.5	18,796	20,740	+10.3

[1] Yearly averages. [2] Preliminary.
[3] Sales for all types of gas not shown because of variations in calorific values.
Source: American Gas Association, New York, N. Y.; yearbook, Gas Facts.

No. 570.—Gas Utility Industry—Customers and Revenues, by Class of Service: 1932 to 1948

[Covers natural, manufactured, mixed, and liquid petroleum gas. Based on questionnaire mailed to all privately owned gas utilities and municipally owned gas departments in the United States, except those with annual revenues less than $25,000, which in the aggregate account for only a negligible portion of the industry]

Year	Customers (1,000)[1]					Revenues ($1,000)				
	Total	Residential	Commercial	Industrial	Other	Total	Residential	Commercial	Industrial	Other
1932	15,536	14,456	999	73	8	723,302	537,207	92,816	90,678	2,601
1933	15,199	14,145	978	68	8	679,917	495,377	87,614	94,774	2,152
1934	15,511	14,439	990	74	8	702,616	494,043	86,763	119,184	2,626
1935	15,874	14,776	1,018	72	8	727,094	503,339	90,856	130,469	2,430
1936	16,185	15,041	1,058	77	9	770,349	516,218	97,362	151,995	4,774
1937	16,620	15,481	1,056	74	9	801,298	528,359	99,774	167,081	6,084
1938	16,907	15,727	1,095	75	10	777,261	522,958	101,150	144,965	8,188
1939	17,147	15,945	1,121	73	8	814,232	537,629	105,246	166,197	5,160
1940	17,622	16,403	1,138	73	8	871,735	573,361	111,970	182,527	3,877
1941	18,149	16,927	1,137	78	7	914,036	574,842	114,323	220,384	4,487
1942	18,759	17,536	1,137	78	8	994,318	622,669	127,039	238,227	6,383
1943	19,088	17,862	1,141	77	8	1,064,044	647,558	127,528	280,232	8,726
1944	19,585	18,320	1,177	82	6	1,108,162	666,735	133,120	297,927	10,380
1945	19,977	18,690	1,195	80	12	1,150,622	711,767	142,041	280,907	15,907
1946	20,636	19,245	1,289	87	15	1,211,262	761,274	153,781	284,317	11,890
1947	21,416	19,930	1,379	91	16	1,395,616	869,400	182,917	325,642	17,657
1948	22,248	20,565	1,571	94	18	1,579,603	958,026	220,934	377,415	23,228

[1] Figures are yearly averages.

Source: American Gas Association, New York, N. Y.; yearbook, Gas Facts.

No. 571.—Manufactured Gas—Solid Fuels and Oil Used by Utilities, by Type of Use: 1932 to 1948

[**Solid fuels in thousands of tons; oil in millions of gallons.** See headnote, table 570]

Fuel and type of use	1932	1935	1940	1942	1944	1945[1]	1946[1]	1947[1]	1948[1]
ANTHRACITE COAL									
Total	**115**	**126**	**214**	**300**	**291**	**292**	**347**	**470**	**590**
Water gas generator fuel	33	44	86	93	115	94	113	181	272
Boiler fuel	82	82	128	191	162	160	188	244	265
Other				[2] 16	[2] 14	[3] 38	[3] 46	[3] 45	[3] 53
BITUMINOUS COAL									
Total	**8,103**	**7,849**	**6,882**	**7,730**	**7,860**	**8,098**	**7,660**	**7,515**	**7,336**
Water gas generator fuel	477	480	304	413	408	432	435	379	393
Boiler fuel	428	382	340	398	446	487	502	492	491
Oven and retort charge	7,191	6,972	6,220	6,902	7,000	7,171	6,720	6,643	6,452
Bench and producer fuel	7	15	18	17	6	8	3	1	(4)
COKE									
Total	**2,915**	**2,589**	**2,599**	**2,803**	**3,129**	**3,551**	**3,782**	**3,881**	**3,733**
Water gas generator fuel	1,595	1,284	1,552	1,650	1,942	2,225	2,447	2,591	2,485
Boiler fuel	539	512	384	453	484	585	601	542	547
Bench and producer fuel	781	793	663	700	703	741	[5] 734	[5] 748	[5] 701
OIL									
Total	**603**	**510**	**677**	**752**	**837**	**934**	**1,069**	**1,239**	**1,308**
Water gas enricher	536	465	592	654	731	797	915	1,035	1,075
Boiler fuel	9	11	27	24	23	[6] 24	38	57	61
Oil gas production	58	34	58	74	83	113	116	147	172

[1] Includes fuel used in production of manufactured gas during periods of peak demand or emergency only, for use in systems regularly distributing natural gas.
[2] Bench and producer fuel.
[3] Oven and retort charge.
[4] Less than 500 tons.
[5] Includes 9,000 tons used as oven and retort charge in 1946, 10,000 tons in 1947, and 7,000 tons in 1948.
[6] Includes 500,000 gallons used as bench and producer fuel.

Source: American Gas Association, New York, N. Y.; yearbook, Gas Facts.

No. 572.—Gas Utility Industry—Customers and Revenues, by Type of Gas, Class of Service, and State: 1948

[See headnote, table 570]

Type of gas, division, and state	Customers (1,000) [1]					Revenues ($1,000)				
	Total	Residential	Commercial	Industrial	Other	Total	Residential	Commercial	Industrial	Other
United States, all types	**22,248.4**	**20,564.8**	**1,571.7**	**94.2**	**17.7**	**1,579,603**	**958,026**	**220,934**	**377,415**	**23,228**
Manufactured gas	8,502.9	7,933.0	524.9	38.5	6.5	463,152	340,508	71,175	48,254	3,215
Natural gas	11,465.9	10,492.0	920.9	43.1	9.9	994,841	529,115	131,556	314,799	19,371
Mixed gas	1,961.5	1,848.6	99.7	12.0	1.2	102,814	75,108	13,439	13,664	553
Liquefied petroleum gas	318.1	291.2	26.2	0.6	0.1	18,796	13,295	4,714	698	89
New England	**1,616.3**	**1,534.9**	**73.2**	**7.2**	**1.0**	**93,492**	**70,851**	**12,332**	**9,832**	**477**
Connecticut	361.8	342.6	17.3	1.8	0.1	22,969	16,544	3,168	3,117	140
Maine	43.8	40.9	2.7	0.2	0.0	2,508	1,851	508	235	4
Massachusetts	988.4	938.1	45.2	4.3	0.8	55,951	43,259	6,936	5,507	249
New Hampshire	39.8	37.2	2.5	0.1	(2)	2,250	1,646	494	103	7
Rhode Island	161.3	156.1	4.4	0.7	0.1	8,755	6,827	1,039	821	68
Vermont	21.2	20.0	1.1	0.1	(2)	969	724	187	49	9
Middle Atlantic	**6,416.0**	**5,949.5**	**432.7**	**29.1**	**4.7**	**381,758**	**262,628**	**52,620**	**64,143**	**2,367**
New Jersey	1,131.7	1,053.3	72.5	5.8	0.1	63,705	46,542	10,348	6,553	262
New York	3,186.6	3,219.5	248.6	15.0	3.5	177,968	128,748	28,273	19,413	1,534
Pennsylvania	1,797.7	1,676.7	111.6	8.3	1.1	140,085	87,338	13,999	38,177	571
East North Central	**5,167.0**	**4,843.4**	**299.0**	**21.4**	**3.2**	**348,458**	**223,031**	**41,353**	**82,837**	**1,237**
Illinois	1,630.1	1,533.5	85.3	10.5	0.8	95,681	60,074	11,341	24,076	190
Indiana	539.5	506.3	30.7	1.6	0.9	40,020	22,682	4,620	12,391	327
Michigan	1,006.0	953.2	49.3	3.5	(2)	61,505	43,950	6,518	10,930	107
Ohio	1,565.0	1,445.2	114.3	4.0	1.5	128,996	79,443	16,326	32,614	613
Wisconsin	426.4	405.2	19.4	1.8	0.0	22,256	16,882	2,548	2,826	0
West North Central	**1,703.9**	**1,579.0**	**116.8**	**7.5**	**0.6**	**140,623**	**82,298**	**18,279**	**36,889**	**3,157**
Iowa	279.4	259.1	19.4	0.7	0.2	20,393	13,066	3,035	4,207	85
Kansas	331.1	298.2	30.8	1.8	0.3	36,697	17,087	4,476	13,283	1,851
Minnesota	325.6	307.9	16.2	1.5	(2)	22,558	15,293	2,525	4,619	121
Missouri	543.4	509.0	31.9	2.4	0.1	38,346	24,045	4,378	9,659	264
Nebraska	164.7	150.6	13.2	0.9	(2)	16,997	9,447	2,483	4,410	657
North Dakota	25.8	23.6	2.1	0.1	(2)	1,924	1,355	462	66	41
South Dakota	33.9	30.6	3.2	0.1	(2)	3,708	2,005	920	645	138
South Atlantic	**1,505.9**	**1,392.5**	**105.0**	**4.4**	**4.0**	**115,588**	**73,749**	**17,330**	**22,167**	**2,342**
Delaware	47.9	45.4	2.5	(2)	(2)	2,946	2,290	416	232	8
District of Columbia	171.4	157.9	11.9	0.5	1.1	12,215	9,373	2,211	225	406
Florida	163.8	152.7	10.0	0.2	0.9	12,739	7,897	3,019	1,184	639
Georgia	182.1	164.6	15.8	1.7	(2)	17,799	9,756	2,304	5,437	302
Maryland	355.4	331.8	22.6	0.8	0.2	24,566	17,809	3,131	3,330	296
North Carolina	67.4	60.5	6.1	0.3	0.5	4,551	3,037	1,249	208	57
South Carolina	40.4	36.3	4.0	0.1	(2)	2,782	1,986	628	162	6
Virginia	210.9	200.4	9.0	0.4	1.1	12,647	9,968	1,830	653	196
West Virginia	266.6	242.9	23.1	0.4	0.2	25,343	11,633	2,542	10,736	432
East South Central	**644.2**	**575.9**	**64.7**	**2.7**	**0.9**	**63,571**	**31,632**	**9,292**	**21,694**	**953**
Alabama	150.8	138.5	12.0	0.3	(2)	18,119	7,319	1,933	8,867	(3)
Kentucky	245.6	221.1	23.4	0.5	0.6	17,843	10,816	2,484	4,094	449
Mississippi	112.1	97.4	13.5	1.0	0.2	12,744	5,616	1,921	4,847	360
Tennessee	135.7	118.9	15.8	0.9	0.1	14,865	7,881	2,954	3,886	144
West South Central	**2,005.2**	**1,782.6**	**206.1**	**13.3**	**3.2**	**179,282**	**79,911**	**23,223**	**72,202**	**3,946**
Arkansas	145.7	126.0	18.3	1.4	(2)	14,906	6,668	2,380	5,729	129
Louisiana	332.6	299.3	31.1	1.5	0.7	34,041	11,774	2,982	18,407	878
Oklahoma	388.0	342.5	42.1	2.1	1.3	32,106	16,109	4,942	10,335	720
Texas	1,138.9	1,014.8	114.6	8.3	1.2	98,229	45,360	12,919	37,731	2,219
Mountain	**478.4**	**424.5**	**51.7**	**2.1**	**0.1**	**56,919**	**28,202**	**9,767**	**18,005**	**945**
Arizona	81.5	72.2	8.9	0.3	0.1	10,229	3,359	1,199	5,563	108
Colorado	156.9	138.7	18.0	0.2	(2)	17,699	9,631	3,565	4,197	306
Idaho	0.6	0.5	0.1	0.0	0.0	47	24	23	----	----
Montana	67.5	60.1	7.1	0.3	(2)	8,826	4,988	1,864	1,714	260
Nevada	4.0	3.5	0.5	0.0	0.0	369	195	163	1	10
New Mexico	63.0	55.7	6.9	0.4	(2)	7,993	3,593	1,478	2,800	122
Utah	67.3	61.0	5.7	0.6	(2)	6,656	3,757	465	2,434	(3)
Wyoming	37.6	32.8	4.5	0.3	(2)	5,100	2,655	1,010	1,296	139
Pacific	**2,711.5**	**2,482.5**	**222.5**	**6.5**	(2)	**199,912**	**105,724**	**36,738**	**49,646**	**7,804**
California	2,513.9	2,304.3	203.9	5.7	(2)	181,935	92,967	32,222	48,952	7,794
Oregon	113.4	104.0	8.9	0.5	(2)	10,418	7,800	2,245	365	8
Washington	84.2	74.2	9.7	0.3	(2)	7,559	4,957	2,271	329	2

[1] Averages for the year. [2] Less than 50 customers. [3] Less than $500.

Source: American Gas Association, New York, N. Y., yearbook, Gas Facts.

No. 573.—Water Power—Developed, 1920 to 1948, and Estimated Undeveloped, January 1947

[**In thousands of kilowatts.** Developed water power for 1948 and prior years represent rated kilowatt capacity of electric generators operated by actual installations of water wheels and turbines. Amounts prior to 1939 include generator capacities of electric utility plants only (see headnote, table 565) as generator capacities of industrial plants not generally available. 1939 and 1948 industrial figures not directly comparable; in many instances appear to be in close agreement. Water wheel and turbine capacity of industrial and miscellaneous plants, expressed in horsepower, and including mechanical drive plants (of 395,000 horsepower in 1939) not having electric generators were: 1921, 1,726,578; 1925, 1,750,323; 1930, 1,665,932; 1935, 1,929,404; 1939, 2,122,228]

Division and state	Developed water power (capacity of actual installations only)										Estimated undeveloped water power Jan. 1947
	Electric utilities only				Electric utilities and industrial plants						
					Dec. 1939			Dec. 1948			
	Dec. 1920	Dec. 1925	Dec. 1930	Dec. 1935	Total	Utilities	Industrial	Total	Utilities	Industrial	
United States	3,704	5,922	8,585	9,399	12,075	11,004	1,071	16,635	15,652	983	77,130
New England	291	415	753	804	1,115	833	282	1,192	921	271	3,348
Maine	40	89	174	177	301	188	113	376	254	122	2,448
New Hampshire	43	58	212	223	292	235	57	298	248	50	393
Vermont	49	92	156	156	173	158	15	181	166	15	303
Massachusetts	114	126	129	167	228	161	67	220	164	56	110
Rhode Island	2	5	2	2	14	3	11	13	3	10	------
Connecticut	44	44	79	79	107	88	19	105	87	18	94
Middle Atlantic	662	1,027	1,290	1,517	1,633	1,563	70	1,668	1,590	78	5,175
New York	540	860	1,074	1,132	1,229	1,165	64	1,233	1,161	72	2,738
New Jersey	1	1	1	1	6	3	3	10	7	3	105
Pennsylvania	120	166	215	384	399	395	4	425	422	3	2,332
East North Central	372	528	602	644	790	703	87	818	742	76	2,574
Ohio	17	18	13	12	16	12	4	16	12	4	169
Indiana	11	35	35	33	38	35	3	35	35	(1)	378
Illinois	43	42	50	45	51	49	2	54	49	5	1,193
Michigan	167	219	258	316	368	344	24	382	367	15	305
Wisconsin	134	214	247	239	318	263	55	331	279	52	529
West North Central	257	285	279	427	537	501	36	620	564	56	4,735
Minnesota	88	124	122	126	158	126	32	173	126	47	310
Iowa	138	125	124	127	127	127	(1)	135	135	------	477
Missouri	12	13	13	150	151	151	(1)	151	151	------	2,073
North Dakota	------	------	------	------	(1)	------	(1)	------	------	------	320
South Dakota	5	4	4	4	4	4	------	11	3	8	1,097
Nebraska	7	12	11	13	87	86	1	142	142	(1)	314
Kansas	7	7	6	7	9	7	2	7	7	------	144
South Atlantic	589	878	1,603	1,678	2,224	1,803	421	2,662	2,221	441	7,462
Delaware	------	------	------	------	(1)	------	(1)	1	------	1	------
Maryland	1	22	272	272	273	271	2	272	271	1	463
District of Columbia	------	------	2	2	3	2	1	4	3	1	60
Virginia	45	57	83	97	204	182	22	206	182	24	916
West Virginia	9	7	56	56	209	101	108	208	101	107	2,600
North Carolina	144	185	397	398	651	400	251	928	658	270	716
South Carolina	231	339	506	503	520	495	25	676	651	25	515
Georgia	155	261	271	333	349	337	12	356	343	13	2,004
Florida	4	5	14	14	14	14	(1)	13	13	------	188
East South Central	170	469	863	823	1,270	1,140	130	2,343	2,335	8	4,552
Kentucky	------	26	105	105	111	111	(1)	271	271	------	1,695
Tennessee	97	124	127	128	432	310	122	1,072	1,072	------	737
Alabama	72	319	632	589	727	719	8	1,000	992	8	1,590
Mississippi	------	------	------	------	------	------	------	------	------	------	530
West South Central	4	13	19	101	140	139	1	388	385	3	2,894
Arkansas	1	10	11	67	67	67	------	105	102	3	1,142
Louisiana	------	------	------	------	1	------	1	------	------	------	128
Oklahoma	1	1	2	2	2	2	------	74	74	------	832
Texas	2	2	6	33	71	71	(1)	210	210	(1)	792
Mountain	487	570	784	792	1,583	1,581	2	2,056	2,051	5	17,755
Montana	212	236	300	300	321	321	(1)	374	373	1	3,711
Idaho	135	175	225	235	257	257	(1)	294	292	2	7,746
Wyoming	2	5	12	16	47	47	------	55	55	------	928
Colorado	48	52	52	54	67	66	1	88	87	1	1,116
New Mexico	1	(1)	1	1	1	1	------	25	25	------	183
Arizona	23	28	87	87	293	293	------	541	541	------	2,731
Utah	58	64	98	91	93	92	1	92	92	(1)	1,081
Nevada	9	8	9	9	505	504	1	587	586	1	259
Pacific	872	1,738	2,391	2,613	2,783	2,741	42	4,887	4,841	46	28,635
Washington	241	430	596	690	812	784	28	1,900	1,873	27	14,182
Oregon	65	121	156	177	286	278	8	730	713	17	6,528
California	566	1,187	1,640	1,745	1,685	1,680	5	2,258	2,256	2	7,925

[1] Less than 500.

Source: Federal Power Commission. Electric utility figures through 1939 based on report—Electric Power Statistics, 1920-40; industrial, 1939, based on Bureau of Census report—Power Equipment and Energy Consumption, 1939 Census of Manufactures. Developed water power, 1948, from annual report, Production of Electric Energy and Capacity of Generating Plants, 1948, and industrial electric power summaries.

20. Public Roads and Motor Vehicles

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series K 174–181") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 574.—Rural Roads in the United States—Approximate Mileage: 1921 to 1948

[**In thousands of miles.** Rural roads include roads outside of incorporated areas and certain of the more populous unincorporated areas. Figures cover continental U. S. and refer to existing mileage at end of calendar year. See also *Historical Statistics*, series K 174–181]

TYPE AND CONTROL	1921	1925	1930	1935	1940	1946	1947	1948
All rural roads, total	2,925	3,006	3,009	3,032	2,990	3,009	3,010	3,007
Primary State highways	203	275	324	332	329	342	337	350
Secondary State highways				58	81	86	92	85
County roads under State control				115	114	119	120	121
County and local roads [1]	2,722	2,731	2,685	2,527	2,466	2,462	2,461	2,451
Surfaced rural roads, total	387	521	694	1,063	1,340	1,504	1,544	1,574
Primary State highways	84	145	227	280	302	318	322	335
Secondary State highways				39	65	73	76	69
County roads under State control				38	55	64	69	71
County and local roads [1]	303	376	467	706	918	1,049	1,077	1,099
Nonsurfaced rural roads, total [2]	2,538	2,485	2,315	1,969	1,650	1,505	1,466	1,433
Primary State highways	119	130	97	52	27	24	15	15
Secondary State highways				19	16	13	16	16
County roads under State control				77	59	55	51	50
County and local roads [1] [2]	2,419	2,355	2,218	1,821	1,548	1,413	1,384	1,352

[1] Includes mileage in national and State parks, forests, reservations, etc., not included as part of State highway systems. [2] Includes mileage not classified by type of surface.

Source: Department of Commerce, Bureau of Public Roads; Highway Statistics, Summary to 1945; and subsequent annual reports.

No. 575.—State Highway Systems—Existing Mileage, Mileage Built, Funds Available and Disbursements: 1930 to 1948

[Figures cover continental U. S. and refer to calendar years for most States. See also *Historical Statistics*, series K 184 for data on total mileage built by State highway departments]

ITEM	1930	1935	1940	1945	1946	1947	1948
Total mileage at end of year	[1] 324,498	523,474	551,766	573,234	579,410	582,235	590,293
Mileage under State control	[2]	520,351	548,499	570,239	576,569	579,459	587,645
Primary State-highway systems	[1] 324,498	331,867	329,472	338,310	342,071	337,020	349,929
Nonsurfaced roads	[1] 97,726	52,060	26,991	22,873	24,116	15,447	14,459
Surfaced roads	[1] 226,772	279,807	302,481	315,437	317,955	321,573	335,470
Low type [3]	[1] 142,659	168,282	180,091	182,786	183,873	188,499	199,313
High type [3]	[1] 84,113	111,525	122,390	132,651	134,082	133,074	136,157
Secondary roads	[2]	173,603	195,245	202,356	204,293	211,676	205,853
Urban extensions of State-highway systems	[2]	14,881	23,782	29,573	30,205	30,763	31,863
Connecting streets not under State control	[2]	3,123	3,267	2,995	2,841	2,776	2,648
Total mileage built during year by State-highway departments	35,277	26,814	32,594	15,278	21,713	32,870	41,968
Graded and drained	7,813	3,284	2,207	283	440	1,343	2,017
Surfaced	27,464	23,530	30,387	14,995	21,273	31,527	39,951
State-highway funds available ($1,000) [4]	1,423,164	1,205,945	2,037,606	2,242,572	2,959,836	3,602,666	4,173,407
Disbursements of State-highway funds ($1,000) [4]	1,139,677	848,355	1,591,290	1,255,298	1,669,889	2,362,900	2,841,328

[1] No segregation of secondary State highways from primary systems in 1930; figures shown include an undetermined amount of municipal street mileage on State systems or connecting these systems. Not strictly comparable with subsequent years, since county road mileage had not yet been taken over by State highway departments.
[2] Not available.
[3] Low type includes soil-surfaced, gravel or stone, bituminous surface-treated, and mixed bituminous surfaces; high type includes bituminous penetration, bituminous concrete and sheet asphalt, Portland cement concrete, brick, block and dual-type surfaces, and unclassified surfacing on bridges.
[4] Includes funds transferred to or from local units. Data for D. C. not included prior to 1940. Beginning 1940, includes proceeds of highway-user imposts allotted by the State treasurer for (1) county and other local roads and streets and for (2) nonhighway purposes.

Source: Department of Commere, Bureau of Public Roads; Highway Statistics, Summary to 1945; and subsequent annual reports.

No. 576.—Existing Rural Road Mileage, by Type and by Governmental Control, by States, End of 1947

[Rural roads include roads outside incorporated areas and certain more populous unincorporated areas. Compiled for latest available year from reports of State authorities and planning survey data]

State	Total	Type				Governmental control		
		Surfaced			Nonsurfaced	State	Local	Federal [2]
		Total	Low type [1]	High type [1]				
Continental United States	[3] 3,009,617	1,543,041	1,346,137	196,904	1,466,346	[4] [5] 553,921	2,383,744	71,952
Alabama	[6] 60,042	40,502	39,167	1,335	19,540	6,774	[6] 52,898	370
Arizona	28,706	8,076	7,595	481	20,630	3,800	15,754	9,152
Arkansas	55,535	21,706	19,924	1,782	33,829	9,314	46,221	----------
California	[3] 97,678	58,577	48,767	9,810	38,871	12,899	74,479	10,300
Colorado	75,810	16,331	15,843	488	59,479	11,818	63,204	788
Connecticut	10,990	10,553	7,488	3,065	437	2,700	8,290	----------
Delaware	3,756	2,955	2,052	903	801	3,756	----------	----------
Florida	38,786	16,557	14,789	1,768	22,229	7,763	29,897	1,126
Georgia	[6] 89,680	21,095	15,702	5,393	68,585	12,971	[6] 76,709	----------
Idaho	36,017	16,963	16,727	236	19,054	4,966	24,835	6,216
Illinois	104,634	84,168	72,073	12,095	20,466	10,331	94,303	----------
Indiana	82,712	73,377	64,223	9,154	9,335	9,546	73,166	----------
Iowa	101,488	61,461	55,636	5,825	40,027	8,770	92,718	----------
Kansas	129,517	36,274	34,459	1,815	93,243	9,390	120,112	15
Kentucky	58,268	32,655	29,933	2,722	25,613	10,069	47,402	797
Louisiana	38,954	22,438	18,304	4,134	16,516	13,875	[7] 25,079	----------
Maine	20,705	17,051	16,260	791	3,654	9,933	10,676	96
Maryland	17,097	11,360	7,030	4,330	5,737	4,449	12,563	85
Massachusetts	17,358	16,218	13,229	2,989	1,140	1,820	15,538	----------
Michigan	93,201	68,056	60,657	7,399	25,145	8,484	84,717	----------
Minnesota	109,661	77,567	74,822	2,745	32,094	10,780	97,730	1,151
Mississippi	61,287	33,718	30,773	2,945	27,569	6,266	53,992	1,029
Missouri	116,089	56,107	51,428	4,679	59,982	15,909	99,410	770
Montana	69,949	18,386	18,355	31	51,563	8,615	55,348	5,986
Nebraska	100,613	27,362	26,084	1,278	73,251	8,848	91,506	259
Nevada	23,801	4,390	4,346	44	19,411	5,616	18,185	----------
New Hampshire	12,522	8,658	8,209	449	3,864	3,605	8,813	104
New Jersey	18,340	14,660	11,873	2,787	3,680	1,758	[8] 16,582	----------
New Mexico	61,865	8,419	7,702	717	53,446	9,873	48,120	3,872
New York	81,472	69,620	43,885	25,735	11,852	14,465	67,007	----------
North Carolina	62,088	36,202	30,969	5,233	25,886	60,819	----------	1,269
North Dakota	114,439	24,346	24,303	43	90,093	6,764	107,261	414
Ohio	85,719	75,268	65,657	9,611	10,451	16,067	69,652	----------
Oklahoma	99,607	20,047	15,901	4,146	79,560	[5] 10,206	88,779	622
Oregon	54,514	24,440	20,692	3,743	30,074	7,503	33,411	13,600
Pennsylvania	85,130	51,136	33,299	17,837	33,994	38,795	46,265	80
Rhode Island	2,521	2,165	1,558	607	356	782	1,739	----------
South Carolina	46,242	16,600	14,184	2,416	29,642	16,459	29,783	----------
South Dakota	98,634	27,851	27,529	322	70,783	6,078	91,609	947
Tennessee	65,047	49,078	45,931	3,147	15,969	7,403	57,066	578
Texas	196,434	73,184	59,744	13,440	123,250	26,827	169,607	----------
Utah	24,039	8,824	8,171	653	15,215	4,744	15,359	3,936
Vermont	13,403	8,103	7,715	388	5,300	1,820	11,561	22
Virginia	48,945	40,517	35,278	5,239	8,428	47,503	768	674
Washington	50,729	31,310	27,094	4,216	19,419	5,896	40,073	4,760
West Virginia	34,254	16,083	13,142	2,941	18,171	32,834	1,085	335
Wisconsin	85,579	75,600	70,625	4,975	9,979	9,924	75,161	494
Wyoming	25,760	7,027	7,010	17	18,733	4,334	19,321	2,105

[1] Low type includes soil-surfaced, gravel or stone, and low-type bituminous; high type includes high-type bituminous, Portland cement concrete, brick, block, and dual-type surfaces.
[2] Includes only mileage of roads not forming a part of State or local highway systems.
[3] Total includes 230 miles, not classified by type, for California.
[4] Includes 5,225 miles of State park, forest, institutional and other roads that are not part of State or local highway systems.
[5] Includes State Forest Highways formerly included with Federal.
[6] Includes small amount of unsegregated urban mileage.
[7] Includes 3,746 miles of roads formerly a part of State secondary and farm-to-market systems.
[8] Estimated by State authorities.

Source: Department of Commerce, Bureau of Public Roads; Highway Statistics, 1948.

No. 577.—Disbursements of State-Highway Funds, by States: 1921 to 1948

[Includes disbursements, whether from current revenues or proceeds of loans, for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous disbursements. Beginning 1935 covers calendar years; figures for earlier years for many States represent fiscal years. Beginning with 1940, figures not comparable with those for prior years as they include data for certain State income applicable to highways, namely, proceeds of highway-user imposts allotted, without passing through State highway departments, by State treasurer for (1) county and other local roads and streets and for (2) nonhighway purposes. These data not included in prior years]

[In thousands of dollars]

DIVISION AND STATE	Year in which first State-aid law passed	1921	1930	1935	1940	1944	1945	1946	1947	1948
Cont. U. S.		**411,995**	**1,139,677**	**848,355**	**1,591,290**	**1,212,066**	**1,255,298**	**1,669,889**	**2,362,900**	**2,841,328**
New England		**25,910**	**76,418**	**81,054**	**98,625**	**58,070**	**64,034**	**89,091**	**129,988**	**145,540**
Maine	1901	6,524	17,184	11,671	13,550	9,791	10,169	18,848	32,707	24,512
New Hampshire	1903	2,360	9,640	6,165	8,386	5,110	6,935	7,993	9,953	13,893
Vermont	1898	951	9,013	5,920	8,365	4,093	3,975	6,134	9,204	11,100
Massachusetts	1892	7,864	21,926	36,719	37,635	20,157	21,428	22,905	36,365	44,291
Rhode Island	1902	2,213	3,367	3,681	8,011	5,764	6,350	7,613	9,235	12,533
Connecticut	1895	5,998	15,288	16,898	22,678	13,155	15,177	25,598	32,524	39,211
Middle Atlantic		**101,475**	**216,236**	**127,513**	**307,819**	**207,562**	**186,770**	**222,287**	**351,536**	**463,489**
New York	1898	36,855	73,233	54,770	158,946	97,142	72,575	88,766	162,509	204,951
New Jersey	1891	15,608	47,414	26,771	57,509	37,919	43,980	34,991	47,469	66,549
Pennsylvania	1903	49,012	95,589	45,972	91,364	72,501	70,215	98,530	141,558	191,989
E. N. Central		**68,512**	**190,673**	**141,442**	**312,905**	**267,129**	**242,329**	**308,047**	**389,683**	**509,835**
Ohio	1904	15,547	47,491	25,772	93,403	75,549	76,257	96,343	116,645	137,667
Indiana	1917	8,110	22,569	17,953	40,461	38,501	34,985	42,802	50,294	67,825
Illinois	1905	15,693	48,854	42,729	70,536	52,505	53,188	72,812	88,580	125,089
Michigan	1905	16,744	46,136	23,653	67,403	68,721	50,159	60,118	87,973	110,061
Wisconsin	1911	12,417	25,623	31,335	41,102	31,853	27,740	35,972	46,191	69,193
W. N. Central		**48,078**	**171,732**	**112,817**	**148,681**	**103,958**	**109,097**	**164,521**	**237,231**	**277,306**
Minnesota	1905	7,480	39,365	22,950	31,275	21,547	22,807	35,998	50,595	57,179
Iowa	1904	18,276	50,607	22,239	32,517	23,643	22,633	32,861	54,024	56,125
Missouri	1907	4,727	43,921	27,661	27,553	19,463	20,554	28,456	37,818	49,524
North Dakota	1909	1,030	3,992	4,911	7,355	5,833	6,105	6,927	13,888	19,671
South Dakota	1911	4,738	5,915	6,728	9,236	5,535	5,644	8,344	14,304	20,666
Nebraska	1911	4,836	11,087	10,379	20,117	15,130	15,802	22,168	27,090	32,319
Kansas	1911	6,991	16,845	17,949	20,628	12,807	15,552	29,767	39,512	41,822
South Atlantic		**51,181**	**139,904**	**127,216**	**232,740**	**173,081**	**194,163**	**288,117**	**386,894**	**430,982**
Delaware	1903	3,765	8,492	3,613	4,379	3,163	3,340	4,941	6,058	9,873
Maryland	1898	7,616	17,992	14,700	27,243	17,588	19,422	25,699	31,222	50,531
Dist. of Col.	1938	(1)	(1)	(1)	6,588	4,173	4,362	7,868	10,693	13,571
Virginia	1906	7,114	19,189	19,790	28,277	25,264	29,487	47,203	60,071	56,271
West Virginia	1909	1,877	23,308	20,406	25,835	25,794	26,878	31,922	40,957	46,523
North Carolina	1901	15,100	25,613	28,083	39,799	26,489	29,120	56,162	74,036	79,189
South Carolina	1917	3,941	22,753	12,597	22,804	15,309	21,609	27,003	38,290	46,804
Georgia	1908	9,664	12,699	16,479	38,803	18,208	24,214	36,384	50,536	46,917
Florida	1915	2,103	9,858	11,548	39,012	37,093	35,731	50,935	75,031	81,303
E. S. Central		**16,621**	**92,737**	**55,169**	**118,474**	**86,918**	**99,980**	**131,199**	**179,108**	**199,989**
Kentucky	1912	5,757	19,497	18,806	25,716	16,486	19,603	25,892	39,643	42,202
Tennessee	1915	6,328	53,278	14,190	34,031	31,418	31,705	45,638	54,193	64,461
Alabama	1911	1,036	15,373	12,197	27,723	20,407	25,813	31,620	45,639	40,798
Mississippi	1915	3,500	4,589	9,976	31,004	18,607	22,859	28,049	39,633	52,528
W. S. Central		**34,417**	**136,738**	**80,597**	**151,120**	**130,336**	**128,398**	**186,749**	**283,994**	**304,059**
Arkansas	1913	7,520	39,821	16,102	18,278	14,642	15,112	23,836	35,326	31,912
Louisiana	1910	5,347	29,357	19,022	29,662	25,955	21,702	31,737	47,370	58,333
Oklahoma	1911	4,775	20,228	11,568	23,506	26,879	24,222	33,955	47,467	44,256
Texas	1917	16,775	47,332	33,905	79,674	62,860	67,362	97,221	153,831	169,558
Mountain		**27,463**	**47,023**	**50,088**	**73,634**	**50,636**	**49,616**	**92,716**	**125,285**	**144,155**
Montana	1913	3,640	6,378	7,633	11,741	6,405	6,682	13,340	15,652	19,867
Idaho	1905	4,863	6,637	6,105	8,039	6,120	5,674	11,965	14,196	13,962
Wyoming	1911	3,446	3,590	5,078	6,272	3,101	3,318	8,159	12,193	15,546
Colorado	1909	4,156	8,144	7,781	14,694	11,113	11,671	16,560	25,978	36,805
New Mexico	1909	3,713	9,138	7,359	13,428	7,743	8,088	16,353	19,777	18,557
Arizona	1909	2,948	5,233	5,631	8,864	6,808	6,056	11,740	17,379	19,245
Utah	1909	3,107	5,193	5,914	6,342	6,962	6,222	8,360	12,567	12,856
Nevada	1911	1,590	2,710	4,587	4,254	2,384	1,905	6,239	7,543	7,317
Pacific		**38,339**	**68,215**	**72,459**	**147,292**	**134,376**	**180,911**	**187,162**	**279,181**	**365,973**
Washington	1905	9,696	15,806	17,666	39,925	27,352	28,602	39,668	50,996	57,723
Oregon	1913	17,828	14,668	16,991	18,385	15,819	14,234	22,750	34,629	42,162
California	1895	10,815	37,741	37,802	88,982	91,205	138,075	124,744	193,556	266,088

[1] Data not available.

Source: Department of Commerce, Bureau of Public Roads; Highway Statistics, 1948, and previous annual statements on State-highway finance.

No. 578.—State-Highway Funds Available, by Source, and Disbursements, by Purpose, by States: 1948

[In thousands of dollars. Includes receipts and disbursements of all State imposts on highway users, all other funds available to State highway departments, and State funds other than those of highway department which were reported as being applied to highway purposes. Includes transactions of interstate and intrastate toll authorities that are operated by State or quasi-State agencies]

Division and State	Funds available					Disbursements				
	Total	Motor-vehicle fees, motor-fuel and motor-carrier taxes	Federal funds	Income from bonds, notes, and other loans	All other sources[1]	Total[2]	For State-administered highways			For county and local roads and streets
							Capital outlay, roads and bridges[3]	Maintenance[3]	Other[4]	
Cont. U. S.	4,173,407	2,081,046	361,852	312,773	1,414,736	2,841,328	1,138,674	458,407	318,151	652,801
New England	211,058	105,277	13,968	26,653	65,160	145,540	59,071	37,337	18,650	20,731
Maine	28,086	17,406	2,286	-------	8,394	24,512	10,822	8,043	3,882	1,339
New Hampshire	13,740	8,264	1,459	652	3,365	13,893	5,934	4,479	2,224	967
Vermont	13,020	7,911	1,437	-------	3,672	11,100	2,858	3,103	587	4,368
Massachusetts	89,444	34,346	4,207	26,001	24,890	44,291	19,116	11,273	5,135	5,891
Rhode Island	13,975	9,844	2,032	-------	2,099	12,533	4,525	2,183	1,350	46
Connecticut	52,793	27,506	2,547	-------	22,740	39,211	15,816	8,256	5,472	8,120
Middle Atlantic	997,343	335,040	39,784	136,920	485,599	463,489	198,236	58,845	59,464	62,126
New York	[5] 444,246	149,343	11,557	-------	[5] 283,346	204,951	63,955	20,047	20,439	24,194
New Jersey	163,780	59,931	8,210	5,108	90,531	66,549	28,085	7,941	6,732	19,018
Pennsylvania	389,317	125,766	20,017	131,812	111,722	191,989	106,196	30,857	32,293	18,914
E. N. Central	661,316	375,572	58,030	318	227,396	509,835	174,344	73,677	34,284	206,068
Ohio	168,873	111,552	10,245	-------	47,076	137,667	37,907	28,157	8,767	58,535
Indiana	71,353	50,604	8,111	-------	12,638	67,825	26,977	10,233	3,301	24,189
Illinois	180,965	86,203	14,827	-------	79,935	125,089	32,128	11,840	17,201	59,338
Michigan	120,043	76,845	13,866	-------	29,332	110,061	44,670	14,313	2,882	44,647
Wisconsin	120,082	50,368	10,981	318	58,415	69,193	32,662	9,134	2,133	19,359
W. N. Central	365,742	190,117	60,379	2,925	112,321	277,306	119,810	51,532	32,258	65,604
Minnesota	87,869	42,533	10,907	-------	34,429	57,179	27,212	10,875	4,775	12,397
Iowa	72,482	43,116	9,347	-------	20,019	56,125	15,870	6,628	9,723	22,305
Missouri	80,146	32,613	10,062	-------	37,471	49,524	24,150	11,473	11,441	1,430
North Dakota	21,765	8,839	6,149	2,925	3,852	19,671	11,708	2,986	696	3,922
South Dakota	22,346	10,681	6,545	-------	5,120	20,666	9,900	5,227	646	4,495
Nebraska	32,885	23,444	5,911	-------	3,530	32,319	12,254	6,002	1,693	11,674
Kansas	48,249	28,891	11,458	-------	7,900	41,822	18,716	8,341	3,284	9,381
South Atlantic	648,279	321,602	45,401	114,090	167,186	430,982	181,422	98,318	59,870	52,467
Delaware	48,734	4,575	1,407	42,632	120	9,873	[6] 3,945	[6] 1,558	3,090	([6])
Maryland	100,335	34,389	3,965	37,778	24,203	50,531	18,500	6,277	8,929	15,867
Dist. of Columbia	18,195	10,017	3,527	-------	4,651	13,571	-------	-------	-------	11,958
Virginia	61,228	48,372	7,335	-------	5,521	56,271	[6] 29,392	[6] 17,644	6,405	[6] 865
West Virginia	60,932	28,473	3,118	3,006	26,335	46,523	[6] 13,625	[6] 22,982	9,435	([6])
North Carolina	130,220	62,998	8,491	-------	58,731	79,189	[6] 39,726	[6] 23,276	11,752	([6])
South Carolina	66,431	27,077	4,932	20,077	14,345	46,804	21,042	10,294	10,379	3,652
Georgia	69,815	41,655	7,743	-------	20,417	46,917	23,306	7,560	5,263	9,715
Florida	92,389	64,046	4,883	10,597	12,863	81,303	31,886	8,727	4,617	10,410
E. S. Central	268,010	153,594	29,411	10,461	74,544	199,989	78,755	23,842	21,292	64,302
Kentucky	65,158	40,968	6,573	-------	17,617	42,202	21,552	9,804	3,303	6,422
Tennessee	86,071	49,057	8,786	392	27,836	64,461	30,197	6,271	6,097	14,888
Alabama	53,026	37,439	4,650	-------	10,937	40,798	8,712	3,581	5,116	20,902
Mississippi	63,755	26,130	9,401	10,069	18,154	52,528	18,294	4,186	6,776	22,090
W. S. Central	422,989	230,437	48,856	10	143,686	304,059	118,264	50,074	38,999	56,032
Arkansas	48,146	26,394	6,395	-------	15,357	31,912	10,924	5,939	8,236	5,821
Louisiana	96,999	38,928	4,769	-------	53,302	58,333	21,104	11,770	12,629	7,613
Oklahoma	77,481	40,495	5,826	-------	31,160	44,256	8,549	10,858	2,957	20,180
Texas	200,363	124,620	31,866	10	43,867	169,558	77,687	21,507	15,177	22,418
Mountain	164,593	90,755	36,667	8,035	29,136	144,155	75,480	26,563	13,619	23,804
Montana	21,402	10,143	4,519	5,018	1,722	19,867	10,503	5,779	1,423	1,818
Idaho	16,610	12,097	2,721	-------	1,792	13,962	5,121	3,239	587	4,857
Wyoming	17,158	6,660	5,726	-------	4,772	15,546	9,955	3,103	575	1,712
Colorado	41,545	24,410	7,464	-------	9,671	36,805	18,950	3,824	4,120	8,594
New Mexico	20,394	12,214	4,709	3,017	454	18,557	9,162	3,328	3,961	773
Arizona	24,867	12,973	4,739	-------	7,155	19,245	10,190	2,612	1,257	4,519
Utah	14,453	8,535	3,890	-------	2,028	12,856	6,599	3,131	1,172	1,531
Nevada	8,164	3,723	2,899	-------	1,542	7,317	5,000	1,547	524	-------
Pacific	434,077	278,652	32,356	13,361	109,708	365,973	133,292	38,219	39,715	101,667
Washington	80,266	43,403	5,704	13,361	17,798	57,723	18,692	6,461	6,880	18,213
Oregon	55,406	29,955	6,180	-------	19,271	42,162	16,290	9,806	4,602	9,333
California	298,405	205,294	20,472	-------	72,639	266,088	98,310	21,952	28,233	74,121

[1] Balances from 1947, totaling $1,250,485,000; and miscellaneous revenues, totaling $164,251,000.

[2] Includes disbursements not shown separately and not elsewhere included: For collection and administration of highway-user revenues, $83,925,000; for nonhighway purposes, $189,370,000.

[3] Includes some administrative, equipment, and miscellaneous disbursements.

[4] Disbursements for interest; retirement of debt; local debt assumed; highway police; and those for administration, engineering, equipment, and miscellaneous purposes not charged to construction and maintenance.

[5] Excludes transactions of Port of New York Authority. Highway toll collections of this authority amounted to $26,755,000.

[6] Expenditures on county roads under State control included with those for State-administered highways.

Source: Department of Commerce, Bureau of Public Roads; Highway Statistics, 1948.

No. 579.—Federal Highway Projects, by States: Status as of June 30, 1949

[All figures except mileage data in thousands of dollars. Data include projects financed with Federal-aid and emergency funds]

STATE OR OTHER AREA	COMPLETED DURING FISCAL YEAR			UNDER CONSTRUCTION			APPROVED—NOT UNDER CONSTRUCTION			Federal aid funds available for future projects
	Total cost	Federal funds	Miles	Total cost	Federal funds	Miles	Total cost	Federal funds	Miles	
Total	**746,948**	**389,130**	**20,587.6**	**1,016,965**	**520,070**	**13,738.0**	**332,795**	**155,978**	**6,315.9**	**276,075**
Alabama	9,563	4,733	431.9	11,819	6,379	277.2	3,456	2,152	156.9	12,488
Arizona	6,530	4,257	92.5	7,410	5,047	53 7	198	140	14.0	966
Arkansas	10,226	5,255	337.4	11,586	6,647	149 7	8,227	3,818	112.6	5,346
California	42,495	23,897	349.2	49,555	24,211	256.7	4,629	2,111	57.6	4,812
Colorado	17,923	10,338	369.8	10,578	6,252	156.9	3,230	1,947	76.0	3,966
Connecticut	6,638	3,210	34.8	9,828	5,124	14.7	3,140	1,520	11.0	1,542
Delaware	3,435	1,709	58.1	3,314	2,195	24.2	2,205	1,078	21.8	2,714
District of Columbia	429	202	1 9	14 400	6,932	2 0	751	375	1.2	190
Florida	11,498	5,402	235.4	6,881	2,884	114.4	2,296	1,162	69.9	3,968
Georgia	15,703	8,232	462.1	35,470	17,941	777.3	13,173	5,781	57.6	6,861
Idaho	3,950	2,476	135 4	5,298	3,338	96.5	1,643	984	61.4	4,774
Illinois	23,115	11,486	539 5	46,190	23,047	499.5	30,324	13,318	222.9	5,659
Indiana	17,733	8,910	159 3	22,376	11,685	144.5	3,543	1,983	19.0	9.481
Iowa	24,656	12,427	1,156.7	19,892	9,642	752.9	12,671	5,752	408.6	2,069
Kansas	26,243	13,236	1,777.1	19,390	9,930	918.2	7,807	4,009	490.0	3,379
Kentucky	13,924	6,847	225.5	15,599	7,860	195.1	6,119	3,068	102.3	3,494
Louisiana	10,319	5,459	147.5	17,559	8,370	136.9	12,563	5,836	89.1	3,397
Maine	5,787	3,025	52 5	7,669	3,798	70.8	864	434	8.5	3,253
Maryland	3,252	1,697	32.2	18,963	11,129	88.1	9,522	3,267	20.8	1,773
Massachusetts	8,041	4,545	44.7	20,407	10,700	38.0	4,136	2,153	12.4	15,178
Michigan	32,889	16,799	469 6	47,780	20,144	297.0	10,378	5,196	283.6	2,991
Minnesota	26,349	12,932	1,399 0	23,324	11,744	504.3	9,512	5,048	342.1	2,301
Mississippi	16,364	8,176	584 4	16,966	8,595	404.9	3,914	1,977	146.8	8,279
Missouri	21,879	11,178	663.4	26,815	14,365	576.1	13,177	6,006	294.3	7,652
Montana	10,295	6,114	488.9	12,420	7,459	293.0	4,135	2,618	111.2	9,001
Nebraska	11,459	5,715	550.0	10,382	5,679	354.5	5,153	2,544	138.1	5,003
Nevada	4,446	3,352	225 3	3,948	3,254	144.3	1,741	1,432	17.4	3,287
New Hampshire	5,107	2,613	31 0	3,677	2,159	16.5	327	159	1.0	1,414
New Jersey	16,653	8,344	42.2	32,569	16,051	41 1	5,118	2,626	2.9	1,522
New Mexico	8,715	5,671	310.6	4,446	2,842	68.3	2,662	1,708	47.9	2,072
New York	28,164	12,637	182.0	88,031	43,725	346.8	29,763	13,873	51.5	33,734
North Carolina	23,703	11,690	645 1	24,919	12,367	568.5	3,193	1,465	30.8	11,550
North Dakota	13,039	7,259	1,030.4	10,975	5,771	629.8	4,784	2,381	304.2	3,563
Ohio	20,376	10,406	190.6	54,867	27,646	212.8	6,524	3,322	39.3	14,892
Oklahoma	11,939	5,955	767.6	14,073	6,862	630.3	10,524	5,334	421.5	4,300
Oregon	11,913	6,731	288.0	11,693	5,481	145.1	1,130	608	9.1	3,254
Pennsylvania	43,072	22,574	242.5	63,977	32,013	145.1	12,073	5,993	32.9	11,070
Rhode Island	4,922	2,430	22.8	3,702	1,825	10.5	4,686	2,361	7.1	2,509
South Carolina	10,922	5,515	281.7	10,161	5,279	236.3	1,258	666	99.2	6,017
South Dakota	12,564	7,484	845 8	10,715	6,397	641.4	4,986	3,270	349.6	1,699
Tennessee	16,768	8,762	461.8	28,301	15,255	259.6	7,736	3,989	187.3	3,625
Texas	55,774	29,541	2,354.4	58,186	30,205	1,081 6	32,157	9,266	726.6	9,028
Utah	5,024	3,605	226.4	4,720	3,439	110.0	1,290	963	54.9	1,570
Vermont	4,731	2,370	74.9	4,279	2,093	50.8	1,397	699	16.1	1,166
Virginia	13,888	7,113	223.6	19,977	11,681	199.1	3,885	1,891	116.5	11,544
Washington	9,158	4,777	207.8	13,613	6,554	108.8	5,244	2,131	91.4	1,666
West Virginia	6,861	3,610	113.1	10,738	5,311	132.0	3,434	1,715	42.0	2,478
Wisconsin	25,710	11,137	681.0	27,369	12,504	405.0	5,288	2,439	174.1	7,815
Wyoming	8,143	5,202	309.5	8,425	5,445	300.1	2,183	1,368	142.9	408
Hawaii	2,350	1,136	15.7	3,804	2,056	19.3	2,416	1,035	8.0	2,273
Puerto Rico	2,311	959	15.0	7,929	2,758	37.8	2,228	1,007	12.0	3,082

Source: Department of Commerce, Bureau of Public Roads; June 30 statements on status of Federal highway projects and balances of funds apportioned to all States for programmed projects.

No. 580.—Public Road Finances—County, Local Rural Roads, City and Village Streets, Funds Contributed and Disbursed: 1930 to 1948

[**In millions of dollars.** Data are for varying fiscal years, as reported by individual States. Includes State disbursements. See also *Historical Statistics*, series K 205–224]

SOURCE OR PURPOSE	1930	1935	1940	1945	1946 [1]	1947 [1]	1948 [1]
APPROXIMATE FUNDS CONTRIBUTED							
County and local rural roads, total	800	624	893	550	727	824	877
County and local rural revenue sources	509	235	243	250	290	306	318
Borrowings	95	50	68	21	[2] 47	[2] 76	[2] 74
State revenues	196	217	273	268	372	401	435
Federal funds	----------	122	309	11	18	41	50
City and village streets, total	911	490	596	322	439	489	529
Revenue of—							
Counties and local rural agencies	[3]	12	12	13	9	5	5
Urban places	787	335	347	239	303	314	325
Borrowings	112	17	17	23	[2] 65	[2] 77	294
State highway-user imposts	12	23	53	47	62	93	101
Federal work-relief funds (mainly WPA)	----------	103	167	----------	----------	----------	----------
Federal funds	----------	----------	----------	----------	----------	----------	4
DISBURSEMENTS							
County and local rural roads, total	813	605	907	541	687	747	816
Capital outlay	297	207	455	90	156	245	287
Maintenance and administration	321	212	265	355	443	414	446
Debt retirement	113	111	129	69	[4] 68	[4] 68	[4] 63
Interest	82	75	58	27	20	20	20
City and village streets, total	799	461	567	414	483	531	601
Capital outlay	478	223	344	49	87	111	124
Maintenance and administration	230	170	162	225	262	288	348
Debt retirement	[3]	[3]	[3]	90	86	84	83
Interest	91	68	61	50	48	48	46

[1] Preliminary estimate.
[2] Excludes refunding issues.
[3] Not available
[4] Excludes retirement by refunding.

Source: Department of Commerce, Bureau of Public Roads.

No. 581.—Motor Vehicles—Estimate of Travel of Motor Vehicles: 1936 to 1948

[**In million vehicle miles.** Excludes military-vehicle travel beginning 1942. See also *Historical Statistics*, series K 236–238b]

TYPE OF VEHICLE AND AREA	1936	1940	1944	1945	1946	1947	1948
All motor vehicles:							
Total travel	252,128	302,143	211,580	249,344	340,655	370,622	397,589
Urban travel	129,450	149,993	110,750	130,161	170,049	184,088	199,082
Rural travel	122,678	152,150	100,830	119,183	170,606	186,534	198,507
Passenger vehicles:							
Urban travel	110,419	130,269	93,679	111,323	148,497	158,770	170,331
Rural travel	100,602	121,947	76,193	92,034	136,012	145,763	153,411
Trucks and combinations:							
Urban travel	19,031	19,724	17,071	18,838	21,552	25,318	28,751
Rural travel	22,076	30,203	24,637	27,149	34,594	40,771	45,096

Source: Department of Commerce, Bureau of Public Roads; Highway Statistics, 1948, and previous annual statements on vehicle miles.

No. 582.—Motor Vehicles—Factory Sales and Registrations: 1900 to 1948

[For 1921 and subsequent years includes data for motor vehicles assembled in foreign countries from parts made in United States. Excludes motorcycles. See also *Historical Statistics*, series K 225–232]

Year	Factory sales: Number (in thousands)			Factory sales: Wholesale value [2] (thousands of dollars)			Registrations (in thousands)		
	Total	Passenger cars	Motor trucks [1]	Total	Passenger cars	Motor trucks [1]	Total (excl. publicly owned)	Passenger cars, and taxis [3]	Motor trucks and busses [3]
1900	4	4		4,899	4,899		8	8	
1905	25	24	1	40,000	38,670	1,330	79	77	1
1910	187	181	6	225,000	215,340	9,660	469	458	10
1915	970	896	74	701,778	575,978	125,800	2,491	2,332	159
1920	2,227	1,906	322	2,232,420	1,809,171	423,249	9,239	8,132	1,108
1922	2,544	2,274	270	1,720,564	1,494,514	226,050	12,274	10,704	1,570
1923	4,034	3,625	409	2,504,810	2,196,272	308,538	15,102	13,253	1,849
1924	3,603	3,186	417	2,288,677	1,970,097	318,581	17,613	15,436	2,177
1925	4,266	3,735	531	2,916,770	2,458,370	458,400	19,941	17,440	2,501
1926	4,301	3,784	517	3,092,188	2,640,065	452,123	22,053	19,221	2,832
1927	3,401	2,937	465	2,584,802	2,164,671	420,131	23,140	20,142	2,997
1928	4,359	3,815	543	3,013,622	2,576,490	437,132	24,512	21,308	3,204
1929	5,358	4,587	771	3,413,148	2,847,119	566,030	26,503	23,060	3,442
1930	3,356	2,785	571	2,034,835	1,645,399	389,437	26,532	22,973	3,559
1931	2,390	1,973	417	1,373,691	1,111,274	262,418	25,862	22,330	3,532
1932	1,371	1,135	235	754,485	618,291	136,193	24,133	20,832	3,300
1933	1,920	1,574	347	948,806	762,737	186,069	23,877	20,586	3,290
1934	2,753	2,178	575	1,467,260	1,147,116	320,144	24,954	21,472	3,482
1935	3,947	3,252	695	2,088,834	1,709,426	379,408	26,230	22,495	3,735
1936	4,454	3,670	785	2,478,467	2,015,646	462,820	28,172	24,108	4,064
1937	4,809	3,916	893	2,778,227	2,243,732	534,495	29,706	25,391	4,315
1938	2,489	2,001	488	1,570,950	1,236,802	334,148	29,443	25,167	4,276
1939	3,577	2,867	710	2,260,018	1,765,189	494,829	30,615	26,140	4,476
1940	4,472	3,717	755	2,938,474	2,370,654	567,820	32,035	27,372	4,663
1941	4,841	3,780	1,061	3,637,006	2,567,206	1,069,800	34,472	29,524	4,948
1942	1,042	223	819	1,591,270	163,814	1,427,457	32,579	27,869	4,710
1943	700	[4]	700	1,451,896	102	1,451,794	30,500	25,913	4,587
1944	738	1	738	1,701,376	447	1,700,929	30,086	25,466	4,620
1945	725	70	656	1,239,210	57,255	1,181,956	30,638	25,691	4,947
1946	3,090	2,149	941	3,023,028	1,979,781	1,043,247	33,946	28,100	5,846
1947	4,798	3,558	1,240	5,673,739	3,963,896	1,709,843	37,360	30,719	6,642
1948	5,285	3,909	1,376	6,711,612	4,853,402	1,858,210	40,622	33,261	7,361

[1] Includes busses. A substantial part of the trucks and busses reported comprises chassis without body; hence value of bodies for these chassis not included. Includes military trucks; total sales for the period Sept. 1, 1939, through 1946, amounted to 2,575,000, valued at $5,257,588,000. Production for the period Jan. 1, 1940, through 1946 was 2,601,000.

[2] Beginning 1937, represents standard equipment.

[3] Prior to 1925, busses included with passenger cars.

[4] Less than 500.

Sources: Factory sales—Automobile Manufacturers Association, Detroit, Mich.; Automobile Facts and Figures. Registrations—Department of Commerce, Bureau of Public Roads; Highway Statistics, Summary to 1945; and subsequent annual reports.

No. 583.—Motor Fuel Consumption: 1940 to 1948

[**In millions of gallons.** Excludes exports and Federal purchases for military use. Data obtained chiefly from reports of State authorities. See also *Historical Statistics*, series K 233–235 for data on total highway and nonhighway usage]

Use	1940	1941	1942	1943	1944	1945	1946	1947	1948
Total consumption	**24,404**	**26,720**	**22,692**	**18,871**	**19,524**	**22,304**	**29,201**	**32,036**	**34,707**
Total usage	24,039	26,429	22,439	18,643	19,292	22,047	28,877	31,681	34,329
Highway	22,001	24,192	19,940	16,004	16,430	19,149	25,649	28,216	30,461
Nonhighway	2,037	2,237	2,499	2,639	2,862	2,898	3,228	3,465	3,869
Private and commercial use, total	23,324	25,713	21,831	18,196	18,837	21,576	28,382	31,030	33,616
Highway	21,418	23,638	19,473	15,668	16,090	18,798	25,269	27,714	29,909
Nonhighway	1,906	2,075	2,358	2,528	2,748	2,778	3,113	3,315	3,707
Public use, total	714	717	608	447	455	471	495	651	713
Federal	263	120	101	42	42	43	44	58	64
Highway	193	120	101	42	42	43	44	58	64
Nonhighway	70								
State, county, and municipal	452	597	507	405	412	428	450	593	649
Highway	391	435	366	294	298	308	336	443	488
Nonhighway	61	162	141	111	115	120	115	149	162
Losses allowed for evaporation, handling, etc	366	291	254	229	232	257	325	355	378

Source: Department of Commerce, Bureau of Public Roads; Highway Statistics, Summary to 1945; and subsequent annual reports.

No. 584.—Motor-Vehicle Registrations (Combined Figures for Passenger Cars, Busses, and Motor Trucks), by States, 1915 to 1948

[Excludes publicly owned vehicles. For uniformity, figures have been adjusted to a calendar year basis as registration years in States differ. Figures represent net numbers where possible, excluding reregistrations and nonresident registrations]

[In thousands]

DIVISION AND STATE	1915	1920	1925	1930	1935	1940	1945	1947	1948
Continental U. S.	**2,491**	**9,239**	**19,941**	**26,532**	**26,230**	**32,035**	**30,638**	**37,360**	**40,622**
New England	206	573	1,281	1,699	1,682	2,020	1,967	2,333	2,463
Maine	22	63	140	186	181	206	207	240	249
New Hampshire	13	35	81	112	117	135	128	150	157
Vermont	11	32	70	87	82	94	90	107	111
Massachusetts	103	274	637	846	786	904	859	1,038	1,099
Rhode Island	16	50	102	137	149	187	178	208	222
Connecticut	41	119	251	331	367	494	505	590	625
Middle Atlantic	497	1,474	3,537	4,921	4,964	5,976	5,311	6,477	7,017
New York	255	676	1,626	2,308	2,331	2,743	2,330	2,889	3,156
New Jersey	82	228	581	853	888	1,087	1,020	1,221	1,318
Pennsylvania	160	570	1,330	1,760	1,745	2,146	1,961	2,367	2,543
East North Central	667	2,229	4,917	6,383	6,085	7,298	6,884	8,197	8,904
Ohio	181	621	1,346	1,759	1,715	1,919	1,905	2,239	2,397
Indiana	97	333	725	875	851	1,000	984	1,151	1,295
Illinois	181	569	1,263	1,638	1,526	1,926	1,721	2,030	2,205
Michigan	115	413	989	1,328	1,239	1,552	1,454	1,800	1,979
Wisconsin	93	293	594	783	754	901	820	977	1,028
West North Central	500	1,782	2,942	3,682	3,494	3,960	3,663	4,327	4,693
Minnesota	93	324	570	733	727	871	750	875	968
Iowa	145	437	659	778	699	794	693	817	887
Missouri	76	297	604	762	766	922	854	1,039	1,104
North Dakota	25	91	145	183	164	182	181	213	234
South Dakota	29	120	168	205	179	196	179	219	246
Nebraska	59	219	339	426	406	412	406	467	504
Kansas	73	294	457	595	553	583	600	697	750
South Atlantic	161	806	1,920	2,518	2,657	3,408	3,453	4,383	4,767
Delaware	5	18	40	56	57	72	68	80	87
Maryland	31	103	234	322	346	444	459	540	569
District of Columbia	19	34	103	157	171	162	111	156	167
Virginia	21	115	283	376	386	500	548	701	758
West Virginia	13	81	218	266	248	303	284	349	399
North Carolina	21	141	340	453	463	592	606	766	832
South Carolina	15	94	168	218	236	337	336	450	476
Georgia	25	146	248	342	394	503	523	649	708
Florida	11	74	286	328	356	495	518	693	771
East South Central	68	358	879	1,215	1,129	1,513	1,517	1,987	2,193
Kentucky	20	113	262	331	346	464	435	550	609
Tennessee	26	102	245	368	352	450	460	601	660
Alabama	12	75	195	279	245	340	359	484	533
Mississippi	10	68	177	237	186	259	263	352	391
West South Central	84	773	1,794	2,411	2,360	2,891	2,767	3,454	3,840
Arkansas	8	59	184	220	207	257	275	353	382
Louisiana	11	73	207	275	269	365	404	467	513
Oklahoma	25	213	424	550	502	575	505	611	673
Texas	40	428	979	1,366	1,382	1,694	1,583	2,024	2,272
Mountain	81	371	677	964	959	1,239	1,193	1,491	1,660
Montana	15	61	95	135	150	191	157	193	216
Idaho	7	51	82	119	118	163	151	191	218
Wyoming	4	24	48	62	70	86	82	100	113
Colorado	29	129	240	309	285	352	342	423	462
New Mexico	7	18	49	84	92	125	118	155	174
Arizona	8	35	68	111	103	138	143	186	211
Utah	9	43	74	114	106	140	154	185	205
Nevada	2	10	21	30	35	44	46	57	61
Pacific	227	873	1,994	2,739	2,900	3,730	3,883	4,713	5,085
Washington	39	174	329	446	454	562	614	712	772
Oregon	24	115	217	252	294	394	414	523	565
California	164	584	1,448	2,041	2,152	2,774	2,855	3,479	3,748

Source: Department of Commerce, Bureau of Public Roads; Highway Statistics, Summary to 1945; and subsequent annual reports.

No. 585.—Motor-Vehicle Registrations and Revenues, by States: 1948

Division and state	Number of motor cars: Total	Registered vehicles, private and commercial: Passenger cars and taxis	Registered vehicles, private and commercial: Trucks and busses	Publicly owned vehicles, Federal, State, county, etc. [1]	Trailers, registered (including official) [2]	Motorcycles, registered (including official)	Receipts from motor-vehicle administration: Total receipts [3]	Receipts from motor-vehicle administration: Registration, motor cars [4]
							Thousands of dollars	
Continental U. S.	**41,151,326**	**33,261,454**	**7,360,810**	**529,062**	**2,372,567**	**492,165**	**717,794**	**570,926**
New England	**2,491,616**	**2,072,798**	**389,888**	**28,930**	**102,399**	**19,626**	**36,257**	**26,682**
Maine	251,870	187,132	[5] 61,585	3,153	[5] 17,974	2,982	5,731	4,688
New Hampshire	160,487	119,611	37,364	3,512	9,535	2,255	3,738	[6] 3,126
Vermont	111,603	[7] 95,407	[7] 15,266	930	5,561	1,108	3,798	3,317
Massachusetts	**1,111,359**	943,329	155,464	12,566	46,420	6,884	9,223	5,686
Rhode Island	224,244	190,452	31,597	2,195	3,771	2,082	4,028	3,270
Connecticut	632,053	536,867	88,612	6,574	19,138	4,315	9,739	6,595
Middle Atlantic	**7,097,780**	**5,965,680**	**1,050,562**	**81,538**	**211,529**	**69,539**	**143,940**	**115,868**
New York	3,195,072	2,721,884	434,007	39,181	106,707	27,207	65,382	58,133
New Jersey	1,331,916	1,112,470	205,249	14,197	23,999	10,925	30,969	20,659
Pennsylvania	2,570,792	2,131,326	411,306	28,160	80,823	31,407	47,589	37,076
East North Central	**8,999,025**	**7,626,088**	**1,278,462**	**94,475**	**623,327**	**102,244**	**147,008**	**123,551**
Ohio	2,423,264	2,096,623	299,925	26,716	192,318	27,867	44,024	35,430
Indiana	1,304,824	1,059,447	236,010	9,367	134,029	15,501	[8] 15,338	11,969
Illinois	2,222,953	1,899,305	305,761	17,887	56,161	30,363	34,292	30,134
Michigan	2,005,949	[9] 1,741,613	[9] 237,716	26,620	227,748	16,977	35,141	29,288
Wisconsin	1,042,035	829,100	199,050	13,885	13,071	11,536	18,213	16,730
West North Central	**4,740,675**	**3,723,067**	**970,284**	**47,324**	**437,792**	**50,406**	**66,340**	**59,496**
Minnesota	977,474	798,144	170,334	8,996	109,890	12,007	17,006	15,068
Iowa	897,755	734,281	152,917	10,557	135,397	11,244	17,926	16,826
Missouri	**1,112,229**	876,882	227,248	8,099	79,426	8,479	14,647	12,905
North Dakota	235,743	162,796	[10] 70,748	2,199	[10] 1,896	1,276	3,516	3,291
South Dakota	249,659	185,953	60,468	3,238	32,789	2,329	2,447	2,221
Nebraska	509,666	394,306	109,509	5,851	61,973	5,641	4,568	3,857
Kansas	758,149	570,705	179,060	8,384	16,421	9,430	6,230	5,328
South Atlantic	**4,840,324**	**3,794,854**	**973,082**	**72,388**	**242,928**	**76,931**	**86,481**	**61,639**
Delaware	88,316	68,240	18,816	1,260	3,555	768	1,641	1,192
Maryland	574,005	469,500	99,582	4,923	15,471	7,815	14,374	7,253
District of Columbia	171,188	146,164	20,846	[11] 4,178	1,654	1,009	3,067	1,454
Virginia	769,010	610,301	147,996	10,713	32,351	12,448	11,004	8,777
West Virginia	406,147	302,356	97,135	6,656	9,972	5,958	12,098	7,780
North Carolina	848,357	659,725	171,981	16,651	74,380	15,123	16,714	13,979
South Carolina	484,579	381,152	95,390	8,037	8,322	8,512	4,116	3,235
Georgia	716,287	540,984	166,833	8,470	27,078	9,455	4,829	3,144
Florida	782,435	616,432	154,503	11,500	70,145	15,843	18,638	14,825
East South Central	**2,228,638**	**1,642,448**	**550,762**	**35,128**	**27,911**	**29,176**	**35,598**	**27,209**
Kentucky	616,400	468,901	139,921	7,578	[12] 19	7,941	11,038	5,267
Tennessee	672,522	518,604	141,736	12,182	[12] 104	9,625	10,002	8,970
Alabama	541,993	391,704	141,370	8,919	9,153	8,720	8,852	7,737
Mississippi	397,723	263,239	127,735	6,749	18,635	2,890	5,706	5,235
West South Central	**3,893,114**	**2,930,006**	**910,226**	**52,882**	**179,625**	**47,611**	**76,337**	**54,123**
Arkansas	389,410	256,527	125,906	6,977	26,561	3,318	6,311	5,177
Louisiana	518,601	390,663	121,926	6,012	29,393	7,025	5,662	4,223
Oklahoma	683,465	508,318	164,922	10,225	12,267	7,477	12,714	9,786
Texas	**2,301,638**	1,774,498	497,472	29,668	111,404	29,791	51,650	34,937
Mountain	**1,695,784**	**1,239,829**	**419,416**	**36,539**	**104,174**	**18,959**	**19,329**	**14,599**
Montana	221,222	145,800	69,993	5,429	6,317	1,372	2,514	1,760
Idaho	221,983	156,979	60,590	4,414	35,381	3,236	2,425	1,903
Wyoming	115,943	82,431	30,389	3,123	13,508	1,109	1,196	905
Colorado	469,545	354,748	107,588	7,209	17,268	4,952	4,379	3,079
New Mexico	178,258	126,458	47,160	4,640	5,544	2,276	3,282	2,668
Arizona	216,702	161,547	49,450	5,705	20,015	3,600	2,782	1,850
Utah	208,908	164,538	40,575	3,795	1,617	1,844	2,211	[6] 2,005
Nevada	63,223	47,328	13,671	2,224	4,494	570	540	429
Pacific	**5,164,370**	**4,266,684**	**818,128**	**79,558**	**442,882**	**77,673**	**106,504**	**87,759**
Washington	791,226	623,913	147,815	19,498	58,497	7,653	14,359	11,618
Oregon	574,331	448,545	116,232	9,554	20,791	7,122	4,569	3,234
California	3,798,813	3,194,226	554,081	50,506	363,594	62,898	87,576	72,907

[1] Excludes vehicles owned by military services, or by Maritime Commission.
[2] As reported. State registration requirements differ widely.
[3] Includes registration fees, certificates of title, transfer or registration fees, permits, fines, etc.; excludes motor-fuel and motor-carrier taxes; for California, includes $40,851,000 vehicle license fees and for Washington, $6,677,000 motor vehicle excise taxes.
[4] Includes fees for registration of automobiles (including taxicabs), busses, and trucks and tractor trucks
[5] Commercial full trailers included with trucks. [6] Includes fees for registration of trailers.
[7] Data for trucks under 1,500 pounds capacity included with automobiles. [8] Estimated.
[9] Data for taxicabs included with trucks.
[10] Trailers shown are house trailers. Commercial trailers and semitrailers registered with truck or tractor as a unit.
[11] Includes 1,319 automobiles of the diplomatic corps.
[12] Represents publicly owned only. Heavy semitrailers registered with tractors (as a unit); full trailers not permitted. Automobile trailers not required to register.

Source: Department of Commerce, Bureau of Public Roads; Highway Statistics, 1948.

No. 586.—Number of Motor-Vehicle Accident Fatalities by Place of Accident, Place of Death, and Place of Residence: Reporting Area and Each Reporting State, 1947

[Based on special transcripts supplied through cooperation of State vital statistics offices and State traffic authorities in a reporting area which covered 47 States and the District of Columbia and represented 95 percent of population of U. S. Reported fatalities represented about 94 percent of total motor-vehicle accident fatalities in U. S. in 1947]

State	Fatalities from accidents occurring in 1947 (by place of accident)			Deaths occurring in 1947 (by place of death)			Fatalities from accidents occurring in 1947 (by place of residence)		
	Total	Traffic	Non-traffic	Total	Traffic	Non-traffic	Total	Traffic	Non-traffic
Reporting area	**30,195**	**29,597**	**598**	**30,204**	**29,608**	**596**	**30,094**	**29,496**	**598**
Alabama	701	683	18	698	681	17	714	695	19
Arizona	274	261	13	269	256	13	233	222	11
Arkansas	290	280	10	284	274	10	283	273	10
California	3,397	3,327	70	3,406	3,335	71	3,398	3,328	70
Colorado	372	359	13	377	364	13	350	339	11
Connecticut	249	242	7	247	240	7	249	243	6
Delaware	69	69		71	71		68	68	
District of Columbia	69	69		81	79	2	112	110	2
Florida	802	784	18	796	778	18	736	718	18
Georgia	695	675	20	688	669	19	687	666	21
Idaho	192	188	4	184	180	4	179	175	4
Illinois	1,942	1,936	6	1,929	1,923	6	2,029	2,023	6
Indiana	1,144	1,121	23	1,152	1,129	23	1,116	1,094	22
Iowa	580	567	13	592	579	13	568	555	13
Kansas	433	414	19	442	423	19	422	404	18
Kentucky	704	693	11	702	692	10	707	696	11
Louisiana	478	465	13	475	463	12	476	464	12
Maine	181	177	4	180	176	4	177	172	5
Maryland	432	417	15	417	403	14	405	392	13
Massachusetts	544	534	10	554	544	10	574	564	10
Michigan	1,486	1,448	38	1,489	1,452	37	1,544	1,504	40
Minnesota	599	577	22	608	586	22	631	609	22
Mississippi	472	472		462	462		471	471	
Missouri	801	781	20	800	781	19	819	800	19
Montana	171	168	3	168	165	3	157	154	3
Nebraska	334	333	1	324	323	1	329	327	2
Nevada[1]	21	21		17	17		21	21	
New Hampshire	99	92	7	102	95	7	94	89	5
New Jersey	651	636	15	664	649	15	655	640	15
New Mexico	263	255	8	260	252	8	190	181	9
New York	1,806	1,784	22	1,806	1,784	22	1,906	1,883	23
North Carolina	911	893	18	910	892	18	910	891	19
North Dakota	130	122	8	126	118	8	138	129	9
Ohio	1,855	1,841	14	1,861	1,848	13	1,832	1,816	16
Oklahoma	521	507	14	510	496	14	517	505	12
Oregon	450	436	14	454	440	14	427	414	13
Pennsylvania	1,777	1,750	27	1,782	1,756	26	1,797	1,771	26
Rhode Island	91	87	4	95	91	4	100	94	6
South Carolina	542	539	3	537	534	3	525	522	3
South Dakota	178	170	8	181	173	8	161	153	8
Tennessee	669	656	13	711	695	16	674	661	13
Utah	190	187	3	193	190	3	175	172	3
Vermont	64	64		62	62		60	60	
Virginia	724	716	8	720	712	8	656	647	9
Washington	561	544	17	552	535	17	568	550	18
West Virginia	379	370	9	374	364	10	387	378	9
Wisconsin	784	772	12	773	761	12	770	759	11
Wyoming	118	115	3	119	116	3	97	94	3

[1] Data incomplete.

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; Motor-Vehicle Accident Fatalities, 1947.

No. 587.—Number of Motor-Vehicle Traffic Accident Fatalities by Age, Race, and Sex, and by Status of Decedent: Reporting Area, 1947

[See headnote, table 586]

Age and race	Male					Female				
	Total	Driver	Passenger	Pedestrian	Other and not stated	Total	Driver	Passenger	Pedestrian	Other and not stated
All ages	**23,001**	**8,624**	**5,269**	**7,218**	**1,890**	**6,596**	**585**	**3,428**	**2,093**	**490**
Under 1 year	85		75	4	6	55		45	2	8
1 to 4 years	615		175	410	30	399		128	249	22
5 to 14 years	1,419	38	305	771	305	651	4	216	371	60
15 to 19 years	2,032	858	801	179	194	707	49	518	80	60
20 to 24 years	3,291	1,831	1,019	186	255	586	57	427	55	47
25 to 34 years	3,679	2,098	905	382	294	746	126	470	86	64
35 to 44 years	2,726	1,332	606	567	221	707	126	377	148	56
45 to 54 years	2,591	1,029	482	915	165	766	98	416	204	48
55 to 64 years	2,648	747	427	1,285	189	810	79	379	302	50
65 to 74 years	2,398	483	317	1,452	146	694	41	278	328	47
75 years and over	1,465	198	144	1,042	81	462	5	165	265	27
Not stated	52	10	13	25	4	13		9	3	1
White	**20,866**	**8,124**	**4,674**	**6,439**	**1,629**	**6,073**	**567**	**3,223**	**1,863**	**420**
Under 1 year	77		68	3	6	51		43	2	6
1 to 4 years	552		167	362	23	363		125	223	15
5 to 14 years	1,271	38	281	680	275	584	4	208	321	51
15 to 19 years	1,884	824	727	162	171	658	48	482	76	52
20 to 24 years	3,025	1,736	904	159	226	526	53	390	43	40
25 to 34 years	3,294	1,946	788	310	250	666	120	432	65	49
35 to 44 years	2,371	1,235	494	462	180	617	124	347	127	49
45 to 54 years	2,283	952	420	780	131	694	95	384	171	44
55 to 64 years	2,434	723	384	1,175	152	762	77	366	273	46
65 to 74 years	2,230	465	295	1,337	133	664	11	272	308	43
75 years and over	1,398	195	137	988	78	446	5	165	252	24
Not stated	44	10	9	21	4	12		9	2	1
Nonwhite	**2,135**	**590**	**595**	**779**	**261**	**523**	**18**	**205**	**230**	**70**
Under 1 year	8		7	1		4		2		2
1 to 4 years	63		8	48	7	36		3	26	7
5 to 14 years	145		24	91	30	67		8	50	9
15 to 19 years	148	34	71	17	23	49	1	36	4	8
20 to 24 years	266	95	115	27	29	60	4	37	12	7
25 to 34 years	385	152	117	72	44	80	6	38	21	15
35 to 44 years	355	97	112	105	41	60	2	30	21	7
45 to 54 years	308	77	62	135	34	72	3	32	33	4
55 to 64 years	214	24	43	110	37	48	2	13	29	4
65 to 74 years	168	18	22	115	13	30		6	20	4
75 years and over	67	3	7	54	3	16			13	3
Not stated	8		4	4		1			1	

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; Motor-Vehicle Accident Fatalities, 1947.

No. 588.—Number of Traffic Accident Fatalities by Hour of Accident and Place of Accident, Urban and Rural: Reporting Area, 1947

[See headnote, table 586]

Hour of accident	Total	Urban	Rural	Hour of accident	Total	Urban	Rural
Total	**29,597**	**9,168**	**20,429**	12 m. to 12:59 p. m.	762	222	540
				1 p. m. to 1:59 p. m.	812	215	597
12 p. m. to 12:59 a. m.	1,261	393	868	2 p. m. to 2:59 p. m.	936	225	711
1 a. m. to 1:59 a. m.	1,182	327	855	3 p. m. to 3:59 p. m.	1,252	317	935
2 a. m. to 2:59 a. m.	835	249	586	4 p. m. to 4:59 p. m.	1,415	366	1,049
3 a. m. to 3:59 a. m.	552	164	389	5 p. m. to 5:59 p. m.	1,864	567	1,297
4 a. m. to 4:59 a. m.	380	85	295	6 p. m. to 6:59 p. m.	1,916	643	1,273
5 a. m. to 5:59 a. m.	311	88	223	7 p. m. to 7:59 p. m.	1,912	646	1,266
6 a. m. to 6:59 a. m.	475	151	324	8 p. m. to 8:59 p. m.	1,536	514	1,022
7 a. m. to 7:59 a. m.	495	154	341	9 p. m. to 9:59 p. m.	1,371	419	952
8 a. m. to 8:59 a. m.	559	145	414	10 p. m. to 10:59 p. m.	1,365	370	995
9 a. m. to 9:59 a. m.	558	136	422	11 p. m. to 11:59 p. m.	1,392	425	967
10 a. m. to 10:59 a. m.	734	181	553	Hour not stated	4,908	1,920	2,988
11 a. m. to 11:59 a. m.	813	246	567				

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; Motor-Vehicle Accident Fatalities, 1947

No. 589.—Number of Motor-Vehicle Traffic Accident Fatalities by Type of Accident, at Intersection, Urban and Rural: Reporting Area, 1947

[See headnote, table 586]

TYPE OF ACCIDENT	Total	URBAN				RURAL			
		Total	At intersection	Not at intersection	Not stated	Total	At intersection	Not at intersection	Not stated
Total	**29,597**	**9,168**	**3,544**	**4,019**	**1,605**	**20,429**	**2,521**	**14,750**	**3,158**
Collision:									
Pedestrian	9,454	5,294	2,153	2,248	893	4,160	517	2,879	764
Other motor vehicle	8,606	1,683	926	533	224	6,923	1,405	4,642	876
Railroad train	1,646	450	13	433	4	1,196	14	1,178	4
Streetcar	121	106	41	48	17	15	5	5	6
Bicycle	508	203	66	101	36	305	46	210	49
Animal-drawn vehicle	54	5	1	2	2	49	2	37	10
Animal	72	2		2		70	4	63	3
Fixed object	2,560	648	178	336	134	1,912	134	1,358	420
Noncollision:									
Overturning on roadway	991	125	34	70	21	866	61	681	124
Running off roadway	3,964	234	56	151	27	3,730	265	3,191	274
Other noncollision	879	208	71	89	48	671	52	468	151
Other and not stated	742	210	5	6	199	532	16	39	477

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; Motor-Vehicle Accident Fatalities, 1947.

No. 590.—Number of Motor-Vehicle Traffic Accident Fatalities by Type and Place of Accident, Urban and Rural, by Month of Accident: Reporting Area, 1947

[See headnote, table 586]

TYPE AND PLACE OF ACCIDENT	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total	**29,597**	**2,226**	**1,964**	**2,131**	**2,111**	**2,351**	**2,211**	**2,510**	**2,832**	**2,663**	**2,838**	**2,840**	**2,920**
Collision	23,021	1,834	1,601	1,699	1,691	1,783	1,667	1,847	2,085	1,995	2,192	2,294	2,333
Pedestrian	9,454	904	665	714	742	658	600	613	731	767	911	1,008	1,141
Other motor-vehicle	8,606	536	516	587	609	730	678	774	911	809	848	842	766
Other collision	4,961	394	420	398	340	395	389	460	443	419	433	444	426
Noncollision	5,834	356	318	387	375	511	478	599	679	582	571	466	512
Other and not stated	742	36	45	45	45	57	66	64	68	86	75	80	75
Urban	**9,168**	**801**	**637**	**736**	**714**	**685**	**618**	**646**	**746**	**772**	**862**	**894**	**1,057**
Collision	8,391	756	593	671	669	619	564	569	655	690	784	835	986
Pedestrian	5,294	526	360	400	437	365	338	307	378	412	517	568	686
Other motor-vehicle	1,683	115	109	146	139	134	110	150	159	160	151	135	175
Other collision	1,414	115	124	125	93	120	116	112	118	118	116	132	125
Noncollision	567	32	29	53	33	52	39	52	74	62	61	34	46
Other and not stated	210	13	15	12	12	14	15	25	17	20	17	25	25
Rural	**20,429**	**1,425**	**1,327**	**1,395**	**1,397**	**1,666**	**1,593**	**1,864**	**2,086**	**1,891**	**1,976**	**1,946**	**1,863**
Collision	14,630	1,078	1,008	1,028	1,022	1,164	1,103	1,278	1,430	1,305	1,408	1,459	1,347
Pedestrian	4,160	378	305	314	305	293	262	306	353	355	394	440	455
Other motor-vehicle	6,923	421	407	441	470	596	568	624	752	649	697	707	591
Other collision	3,547	279	296	273	247	275	273	348	325	301	317	312	301
Noncollision	5,267	324	289	334	342	459	439	547	605	520	510	432	466
Other and not stated	532	23	30	33	33	43	51	39	51	66	58	55	50

Source: Federal Security Agency, Public Health Service, National Office of Vital Statistics; Motor-Vehicle Accident Fatalities, 1947.

21. Transportation, Air and Land—Steam and Electric Railways, Express Companies, Motor Busses, and Civil Aeronautics

Steam railways.—Because of the long period in which it has been subject to close Federal regulation and the degree of its consolidation, there is an extensive coverage of important statistical items relating to the railway industry. The *Statistics of Railways in the United States*, published annually by the Interstate Commerce Commission since 1888, is the most important source for steam railway statistics. Various other periodical reports are also issued by the Interstate Commerce Commission. The Association of American Railroads supplements official railway statistics with various releases.

The term "steam railways" as used in this section includes electrified divisions operated by such carriers. The total steam railroad mileage of the United States comprises: (a) Regular interstate carriers (and their nonoperating subsidiaries) reporting to the Interstate Commerce Commission, (b) switching and terminal railroads, also reporting to the Commission; and (c) private railroads (defined by the Commission as "circular" because they report on brief circulars and as "unofficial"). Except in certain mileage data the circular and unofficial companies are not included in any of the statistics. The switching and terminal roads were formerly included with operating railways, but are now separated, and data for them do not appear in most of the tables.

Nonoperating subsidiaries include proprietary companies, which are covered by the reports of operating carriers, and lessor companies which have no traffic and whose reports appear only in statistics of capitalization, dividends, and investment.

Operating railways are divided into three classes, according to the amount of their annual operating revenues, class I, having more than $1,000,000 of such revenue; class II, from $100,000 to $1,000,000; and class III, less than $100,000. During recent years more detailed reports are required from class I carriers than from smaller companies. The basis of the figures in each table is indicated by notes. Omission of class II and class III railroads affects very little the comparability of statistics with those of earlier years as regards most items, since the bulk of the business is done by class I.

The Interstate Commerce Commission divides railroads geographically into three districts and eight subsidiary regions. Each railroad is treated as a unit and placed wholly in some one district or region. Broadly speaking, the eastern district includes territory east of Chicago and north of the Ohio and Potomac Rivers; southern district, territory east of the Mississippi River and south of the Ohio and Potomac Rivers; and western district, the remainder of the country.

Electric railways.—The Interstate Commerce Commission issues annually an abstract of the annual reports of electric railways, chiefly interurban, which report to it. The American Transit Association publishes street railway statistics in its annual *Transit Fact Book*. The Bureau of the Census has published a quinquennial report on electric railways from 1902 to 1937. In the more recent years the report also covered affiliated trolley-bus and motor bus operations. The last Census of Electrical Industries was for the year 1937.

Motor carriers.—Statistics of class I for-hire carriers (those with $100,000 or more of gross annual operating revenues) are compiled by the Interstate Commerce Commission from annual and quarterly reports submitted to it by these carriers. This series begins with 1939 data.

The annual review and statistical number of *Bus Transportation*, a McGraw-Hill publication, summarizes operations of common carriers and school busses.

Civil aeronautics.—Federal promotion and regulation of civil aviation are carried out by two bodies—the Civil Aeronautics Administration and the Civil Aeronautics Board. The Civil Aeronautics Board is an independent agency concerned primarily with the issuance of certificates of public necessity, economic regulation, the formula-

tion of safety regulations and the investigation of accidents to civil aircraft. The Civil Aeronautics Administration is an operating agency of the Department of Commerce. Its principal activities are the building and operation of air navigation aids, the enforcement of safety regulations and promotion of a national airport system.

The *Statistical Handbook of Civil Aviation* is published by the Civil Aeronautics Administration. This *Handbook* brings together all official statistical data on the development of civil aviation in the United States, including summaries of statistics published by the Civil Aeronautics Board in *Annual Airline Statistics*. The Civil Aeronautics Administration has also published a detailed historical record of America's aircraft production during the recent war. This publication is entitled *U. S. Military Aircraft Acceptances, 1940–45—Aircraft, Engine, and Propeller Production.*

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series K 28–33") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 591.—Steam Railways—Mileage Owned and Mileage Operated: 1925 to 1948

[As of Dec. 31. See also *Historical Statistics*, series K 28-33]

ITEM	1925	1930	1935	1940	1945	1947	1948
Number of operating companies [1]	947	775	661	574	517	502	485
Road owned, first track (miles) [2]	249,398	249,052	241,822	233,670	226,696	225,806	225,149
Miles operated [3]							
All railways, road, first track	261,871	262,215	254,347	246,739	240,156	238,962	238,060
Total, reporting railways	417,954	429,883	419,228	405,975	398,054	397,355	397,203
Road, first track	258,631	260,440	252,930	245,740	239,438	238,209	237,756
Other main tracks	40,962	42,742	41,916	41,373	41,106	40,954	40,845
Yard track and sidings	118,361	126,701	124,382	118,862	117,510	118,192	118,602
Class I railways, road, first track	236,848	242,391	237,491	232,524	227,877	227,038	226,704

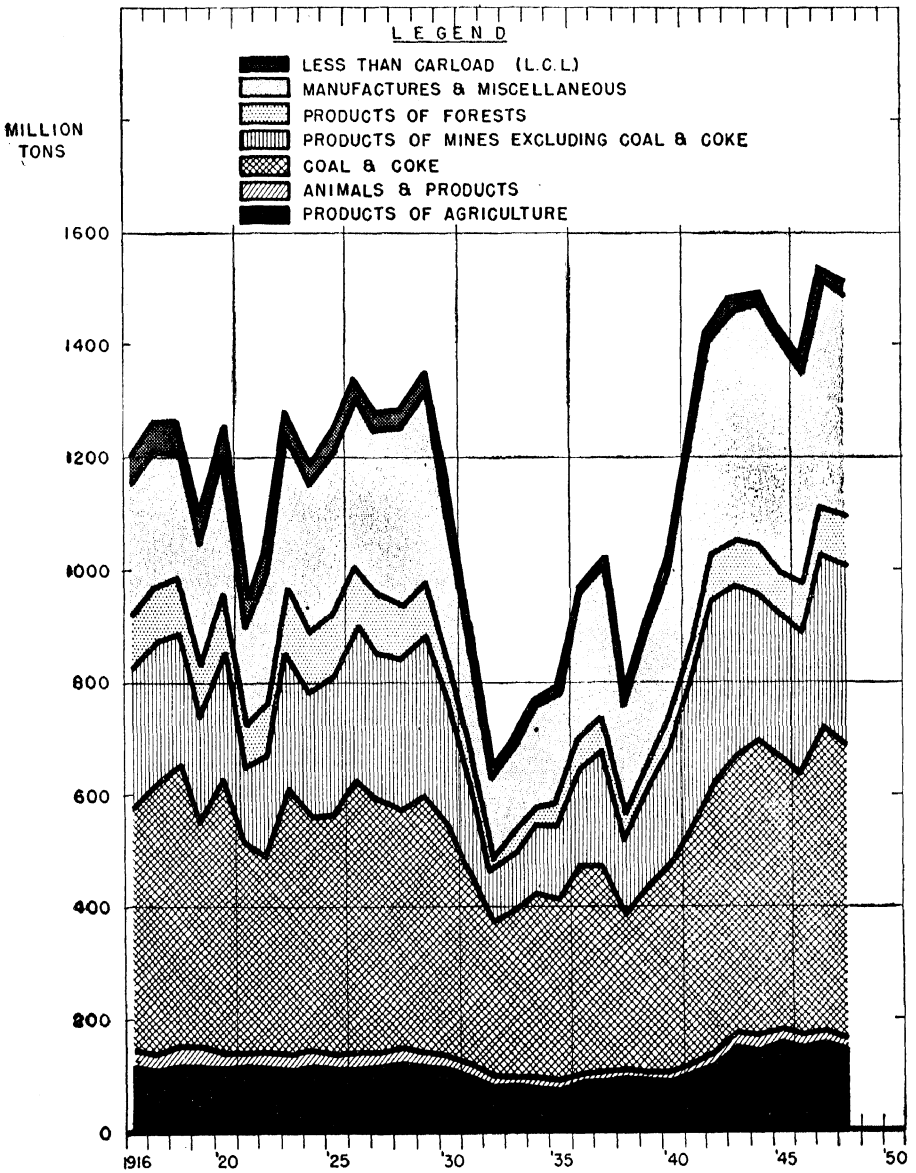
CLASS OF COMPANIES	1947			1948		
	Companies	Miles of road		Companies	Miles of road	
		Owned [2]	Operated [3]		Owned [2]	Operated [3]
Total	**1,114**	**225,806**	**238,962**	**1,083**	**225,149**	**238,060**
Class I line-haul operating	127	177,949	227,038	129	180,525	226,704
Lessors to Class I	201	30,123	----------	192	27,607	--------
Class II line-haul operating	173	7,625	8,608	171	7,575	8,569
Lessors to Class II	6	189	----------	6	189	--------
Class III line-haul operating	175	2,330	2,563	176	2,267	2,483
Lessors to Class III	8	68	----------	8	58	--------
Switching and terminal	[4] 252	([5])	([5])	[4] 252	([5])	([5])
Proprietary [6]	122	6,414	----------	117	6,380	--------
Circular	33	692	513	21	351	136
Unofficial	17	416	240	11	197	168

[1] Classes I, II, III, circular, and unofficial.
[2] First track. Covers continental U. S. only, excluding all duplication.
[3] Includes some duplication under trackage rights and some mileage in Canada operated by U. S. companies.
[4] Includes 212 operating, 13 lessor, 15 proprietary, 10 circular, and 2 unofficial companies in 1947, and 213 operating, 13 lessor, 15 proprietary, 7 circular, and 4 unofficial in 1948.
[5] Figures omitted as "miles of road" of switching and terminal companies is not comparable with that of line-haul companies.
[6] Excludes proprietary companies in systems which file consolidated reports combining mileage, investment, and other items on a net system basis.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

FIGURE 8.—REVENUE FREIGHT ORIGINATED, CLASS I RAILROADS: 1916 TO 1948

[See table 609]



Source: Association of American Railroads. Data are from Interstate Commerce Commission.

No. 592.—Steam Railways—Summary Statistics: 1890 to 1948

[Includes intercorporate duplications. Unless otherwise noted, covers railways of Classes I, II, and III only, except that prior to 1908 returns for switching and terminal companies were included where applicable. See also *Historical Statistics*, series K 1-83]

Year	Number of operating railways [1]	Mileage: Road owned (first track) [2]	Mileage: Track operated (all track) [3]	Equipment [4]: Locomotives: Number in service	Equipment [4]: Locomotives: Average tractive effort [5]	Equipment [4]: Cars in service: Passenger cars	Equipment [4]: Cars in service: Freight-train cars	Equipment [4]: Cars in service: Average capacity of freight cars [5]
June 30:	*Number*	*Miles*	*Miles*	*Number*	*Pounds*	*Number*	*Number*	*Tons*
1890	1,013	163,597	199,875	30,140	.....	26,820	918,491	.....
1895	1,104	180,657	233,275	35,699	.....	33,112	1,196,119	.....
1900	1,224	193,346	258,784	37,663	.....	34,713	1,365,531	.....
1905	1,380	218,101	306,797	48,357	23,666	40,713	1,731,409	30.8
1910	1,306	240,293	351,767	60,019	27,282	47,179	2,148,478	35.9
1915	1,260	253,789	391,141	66,502	31,501	55,810	2,341,567	39.7
Dec. 31:								
1920	1,085	252,845	406,579	68,942	36,365	56,102	2,388,424	42.4
1925	947	249,398	417,954	68,098	40,666	56,814	2,414,083	44.8
1930	775	249,052	429,883	60,189	45,225	53,584	2,322,267	46.9
1935	661	241,822	419,228	49,541	48,367	42,426	1,867,381	48.3
1940	574	233,670	405,975	44,333	50,905	38,308	1,684,171	50.0
1941	559	231,971	403,625	44,375	51,217	38,334	1,732,673	50.3
1942	543	229,174	399,627	44,671	51,811	38,446	1,773,735	50.5
1943	534	227,999	398,730	45,406	52,451	38,331	1,784,472	50 7
1944	524	227,335	398,437	46,305	52,822	38,217	1,797,012	50.8
1945	517	226,696	398,054	46,253	53,217	38,633	1,787,073	51.1
1946	513	226,438	398,037	45,511	53,735	38,697	1,768,400	51 3
1947	502	225,806	397,355	44,344	54,506	39,057	1,759,758	51.5
1948	485	225,149	397,203	44,474	55,170	39,406	1,785,067	51.9

Year	Employment and wages: Number of employees	Employment and wages: Compensation of railroad employees	Capital and property investment (includes lessors): Road and equipment: Investment book value [6 7]	Road and equipment: Depreciation reserve [8]	Railway capital outstanding [9]	Net capitalization	Stock paying dividends
June 30:	*1,000*	*$1,000*	*$1,000*	*$1,000*	*$1,000,000*	*$1,000,000*	*$1,000*
1890	749	.....	8,133,665	.....	8,984	7,577	1,598,132
1895	785	445,508	9,203,491	.....	10,347	8,900	1,485,618
1900	1,018	577,265	10,263,313	.....	11,491	9,548	2,668,970
1905	1,382	839,945	11,951,349	.....	13,805	11,167	4,119,087
1910	1,699	1,143,725	14,557,816	.....	18,417	14,376	5,412,578
1915	1,548	1,277,663	17,441,420	511,452	21,128	16,308	5,219,847
Dec. 31:							
1920	2,076	3,754,281	19,849,320	1,081,342	21,891	16,994	5,075,040
1925	1,786	2,916,193	23,217,209	1,681,291	23,644	18,191	6,278,532
1930	1,517	2,588,598	26,051,000	2,360,767	24,331	19,066	7,702,021
1935	1,014	1,666,229	25,500,465	2,771,404	24,247	18,342	3,412,968
1940	1,046	1,990,631	25,646,014	3,095,237	23,371	17,630	3,741,132
1941	1,159	2,360,369	25,668,984	3,240,145	22,952	17,568	3,861,658
1942	1,291	2,966,062	25,838,351	3,561,570	22,742	17,315	5,355,928
1943	1,375	3,556,189	26,145,458	3,939,562	22,149	16,755	5,466,566
1944	1,434	3,897,755	26,631,654	4,382,604	21,693	16,276	5,523,271
1945	1,439	3,900,928	26,967,756	5,549,720	20,891	15,667	5,383,158
1946	1,378	4,213,530	27,277,974	5,800,975	20,545	15,509	5,221,681
1947	1,371	4,399,296	27,686,103	6,037,033	20,173	15,301	5,184,182
1948	1,345	4,820,747	28,664,759	6,279,892	20,302	15,467	6,446,317

See footnotes at end of table.

No. 592.—Steam Railways—Summary Statistics: 1890 to 1948—Continued

Year or yearly average	Income and expenses					Interest and dividends (includes lessors)	
	Operating revenue	Operating expenses	Railway operating income	Railway tax accruals	Net income (includes lessors)	Dividends declared	Interest accrued on funded debt
June 30:	*$1,000*	*$1,000*	*$1,000*	*$1,000*	*$1,000*	*$1,000*	*$1,000*
1891–1895	1,127,531	759,588	----------	34,915	93,876	94,093	243,013
1896–1900	1,264,048	832,377	----------	41,970	151,550	104,295	249,548
1901–1905	1,854,682	1,226,737	----------	53,106	321,776	199,752	285,755
1906–1910	2,528,171	1,705,542	[10] 740,607	80,931	478,097	339,685	363,470
1911–1915	3,007,262	2,123,282	760,502	123,345	459,489	401,944	436,178
Dec. 31:							
1916–1920	4,870,468	3,971,453	672,380	227,680	562,892	350,789	480,053
1921–1925	6,003,699	4,684,135	988,751	328,822	562,314	400,389	558,375
1926–1930	6,139,269	4,502,029	1,249,408	386,372	807,103	543,007	582,701
1931–1935	3,473,819	2,622,222	585,346	265,137	29,932	225,072	580,677
1936–1940	4,071,163	2,998,447	719,380	353,335	132,951	198,307	532,413
1941–1945	8,122,360	5,507,771	1,349,035	1,265,554	746,475	268,997	512,508
1941	5,413,972	3,709,921	1,148,081	555,970	557,672	239,438	543,954
1942	7,547,826	4,653,705	1,682,347	1,211,775	992,843	254,088	564,174
1943	9,138,419	5,714,804	1,560,675	1,862,940	946,150	263,919	515,617
1944	9,524,628	6,345,035	1,317,941	1,861,652	733,461	292,248	488,877
1945	8,986,954	7,115,391	1,036,130	835,434	502,250	295,294	449,917
1946	7,709,171	6,422,494	780,197	506,480	334,966	283,171	406,147
1947	8,784,214	6,869,806	965,136	949,273	537,405	280,397	374,150
1948	9,784,332	7,552,630	1,188,666	1,043,036	767,949	335,313	361,879

Year or yearly average	Passenger service			Freight service					
	Passenger revenue (rail line)	Passenger miles	Revenue per passenger mile	Freight revenue (rail line)	Revenue tons originated	Tons carried 1 mile	Revenue ton miles per mile of road	Revenue per ton-mile	Haul per ton
June 30:	*$1,000*	*1,000,000*	*Cents*	*$1,000*	*Million tons*	*Million tons*	*Ton-miles*	*Cents*	*Miles*
1891–1895	281,415	13,383	2.10	758,930	--------	85,693	506,809	0.886	--------
1896–1900	279,900	13,863	2.02	879,837	[11] 543	113,962	611,128	.772	--------
1901–1905	416,609	20,737	2.01	1,298,714	691	167,715	820,016	.774	242.67
1906–1910	566,815	28,683	1.98	1,744,525	930	228,936	1,006,849	.762	246.10
1911–1915	672,792	33,768	1.99	2,051,625	1,074	277,073	1,104,718	.740	257.95
Dec. 31:									
1916–1920	1,021,536	42,548	2.40	3,419,260	1,326	390,815	1,510,297	.875	294.78
1921–1925	1,112,634	36,869	3.02	4,377,618	1,231	375,468	1,455,589	1.166	304.96
1926–1930	908,341	31,846	2.85	4,690,122	1,365	430,310	1,657,434	1.090	315.34
1931–1935	392,869	18,375	2.14	2,763,961	798	270,192	1,051,083	1.023	339.12
1936–1940	419,760	23,068	1.82	3,313,398	986	341,321	1,370,519	.971	346.13
1941–1945	1,342,958	71,713	1.87	6,221,235	1,482	654,687	2,711,448	.950	439.36
1941	515,851	29,406	1.75	4,509,760	1,296	477,576	1,950,166	.944	368.54
1942	1,030,486	53,747	1.92	6,026,416	1,498	640,992	2,638,067	.940	427.76
1943	1,655,814	87,925	1.88	6,865,754	1,557	730,132	3,032,199	.940	469.07
1944	1,793,322	95,663	1.88	7,087,033	1,565	740,586	3,084,195	.957	473.28
1945	1,719,316	91,826	1.87	6,617,213	1,493	684,148	2,852,615	.967	458.14
1946	1,261,416	64,754	1.95	5,866,351	1,432	594,943	2,488,499	.986	415.48
1947	965,005	45,972	2.10	7,140,881	1,613	657,878	2,752,915	1 085	407.82
1948	965,630	41,224	2.34	8,090,194	1,580	641,104	2,695,708	1.262	405.64

[1] Includes circular and unofficial companies.
[2] Includes lessors, proprietary, circular, and unofficial companies.
[3] For railways reporting track by class.
[4] Includes switching and terminal companies except as noted.
[5] Since 1916 represents steam locomotives and freight cars of class I railways, excluding switching and terminal companies.
[6] Includes lessor companies since 1921; for 1925 and subsequent years, also includes proprietary companies except those which are part of systems filing consolidated annual reports.
[7] Increase in investment over a period of years cannot be obtained accurately by subtraction of 1 year's investment from that of another owing to reorganization, sale, or abandonment reclassification, etc.
[8] Includes depreciation on "Miscellaneous physical property" for years prior to 1920. Amortization of defense projects included subsequent to 1940.
[9] Includes actually outstanding, nominally issued, and nominally outstanding securities, and equipment obligations.
[10] Average for 1908–1910. [11] Average for 1899 and 1900.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 593.—Steam Railways—Miles of Road Owned, by States: 1860 to 1948

[Data are for actual length of line in each State without duplication. Figures relate to June 30 prior to 1920 and Dec. 31 thereafter; they include reporting circular, and unofficial railways, but beginning with 1910 exclude switching and terminal roads. See also *Historical Statistics*, series K 1, 2, and 29 for annual U. S. totals]

STATE	1860 [1]	1870 [1]	1880 [1]	1890	1900	1910 [2]	1920	1930	1940	1948
United States [3]	30,626	52,922	93,267	163,597	193,346	240,439	252,845	249,052	233,670	225,149
New England	3,660	4,494	5,982	6,718	7,521	7,921	7,942	7,596	6,677	6,397
Maine	472	786	1,005	1,338	1,915	2,248	2,295	2,193	1,882	1,828
New Hampshire	661	736	1,015	1,145	1,239	1,246	1,252	1,165	1,002	938
Vermont	554	614	914	921	1,012	1,100	1,077	1,056	919	888
Massachusetts	1,264	1,480	1,915	2,094	2,119	2,115	2,106	2,022	1,793	1,728
Rhode Island	108	136	210	213	212	212	211	191	194	185
Connecticut	601	742	923	1,007	1,024	1,000	1,001	969	887	830
Middle Atlantic	5,840	9,709	13,832	18,161	20,709	21,980	22,293	21,752	20,175	19,291
New York	2,682	3,928	5,957	7,661	8,121	8,430	8,390	8,312	7,739	7,533
New Jersey	560	1,125	1,684	2,047	2,257	2,260	2,352	2,299	2,108	2,011
Pennsylvania	2,598	4,656	6,191	8,453	10,331	11,290	11,551	11,141	10,328	9,747
South Atlantic	5,976	7,349	9,789	18,270	23,362	29,795	32,380	31,644	29,475	28,205
Delaware	127	197	275	323	347	335	335	325	295	295
Dist. of Columbia	[4]	[4]	[4]	30	32	36	36	36	35	34
Maryland	386	671	1,040	1,231	1,376	1,426	1,436	1,443	1,367	1,318
Virginia	1,379	1,486	1,893	3,160	3,779	4,535	4,703	4,516	4,261	4,092
West Virginia	352	387	691	1,328	2,228	3,601	3,996	4,046	3,831	3,696
North Carolina	937	1,178	1,486	3,001	3,831	4,932	5,522	5,161	4,668	4,519
South Carolina	973	1,139	1,427	2,194	2,818	3,442	3,814	3,780	3,466	3,313
Georgia	1,420	1,845	2,459	4,532	5,652	7,056	7,326	6,671	6,334	6,094
Florida	402	446	518	2,471	3,299	4,432	5,212	5,666	5,218	4,844
East North Central	9,583	14,701	25,109	36,924	41,007	44,928	44,904	43,770	41,281	39,946
Ohio	2,946	3,538	5,792	7,912	8,807	9,134	9,002	8,804	8,501	8,423
Indiana	2,163	3,177	4,373	5,971	6,471	7,420	7,426	7,106	6,889	6,651
Illinois	2,790	4,823	7,851	10,214	11,003	11,878	12,188	12,500	11,949	11,698
Michigan	779	1,638	3,938	7,243	8,195	9,021	8,734	8,072	7,303	6,808
Wisconsin	905	1,525	3,155	5,584	6,531	7,475	7,554	7,288	6,639	6,366
West North Central	1,472	8,046	19,094	38,354	42,988	49,730	52,180	51,400	48,293	47,379
Minnesota	-------	1,092	3,151	5,466	6,943	8,669	9,114	8,779	8,421	8,340
Iowa	655	2,683	5,400	8,356	9,185	9,755	9,808	9,698	8,950	8,732
Missouri	817	2,900	3,965	6,004	6,875	8,083	8,117	7,897	7,042	6,833
North Dakota	-------	[5] 65	[5] 1,225	1,941	2,731	4,201	5,311	5,275	5,266	5,256
South Dakota	-------	[6]	[6]	2,486	2,850	3,948	4,276	4,228	4,006	3,959
Nebraska	-------	705	1,953	5,295	5,685	6,067	6,166	6,174	6,044	5,820
Kansas	-------	1,501	3,400	8,806	8,719	9,007	9,388	9,339	8,564	8,439
East South Central	3,392	4,656	6,343	11,144	13,343	17,074	17,754	17,452	16,179	15,602
Kentucky	534	1,017	1,530	2,746	3,060	3,526	3,929	4,054	3,691	3,607
Tennessee	1,253	1,492	1,843	2,752	3,137	3,816	4,078	3,940	3,573	3,491
Alabama	743	1,157	1,843	3,314	4,226	5,226	5,378	5,249	4,996	4,742
Mississippi	862	990	1,127	2,332	2,920	4,506	4,369	4,209	3,919	3,762
West South Central	680	1,417	5,044	13,782	18,221	31,122	32,972	33,227	31,497	30,084
Louisiana	335	450	652	1,759	2,824	5,554	5,223	4,654	4,357	4,141
Texas	307	711	3,244	8,613	9,886	14,282	16,125	17,069	16,356	15,670
Oklahoma	-------	-------	289	1,214	2,151	5,980	6,572	6,678	6,302	5,985
Arkansas	38	256	859	2,196	3,360	5,306	5,052	4,826	4,482	4,288
Mountain	-------	1,466	5,082	12,676	15,808	22,956	25,170	24,973	23,518	22,286
Montana	-------	-------	106	2,181	3,010	4,207	5,072	5,228	5,149	5,059
Wyoming	-------	459	512	942	1,229	1,645	1,931	2,036	2,008	1,930
Colorado	-------	157	1,570	4,176	4,587	5,533	5,519	4,972	4,552	4,379
New Mexico	-------	-------	758	1,324	1,753	3,032	2,972	2,973	2,812	2,496
Arizona	-------	-------	349	1,097	1,512	2,097	2,478	2,494	2,228	2,205
Utah	-------	257	842	1,090	1,547	1,986	2,161	2,196	2,082	1,800
Nevada	-------	593	739	925	909	2,277	2,160	2,109	1,941	1,704
Idaho	-------	-------	206	941	1,261	2,179	2,877	2,965	2,746	2,713
Pacific	23	1,084	2,992	7,567	10,389	14,932	17,248	17,238	16,575	15,959
Washington	-------	-------	289	1,783	2,914	4,875	5,587	5,542	5,243	5,140
Oregon	-------	159	508	1,428	1,724	2,285	3,305	3,456	3,385	3,252
California	23	925	2,195	4,356	5,751	7,772	8,356	8,240	7,947	7,567
Alaska Territory	-------	-------	-------	-------	-------	22	390	246	790	536	567
Hawaii Territory	-------	-------	-------	-------	-------	-------	175	243	232	192	25

[1] Represents mileage operated.
[2] Revised total 240,293 not distributed by States.
[3] Totals exclude Alaska and Hawaii.
[4] Included in returns for Maryland.
[5] Figures for Dakota.
[6] For total Dakota, see North Dakota.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 594.—Steam Railways (All Reporting Companies)—Equipment in Service 1925 to 1948

["All reporting companies" include switching and terminal but not circular and unofficial lines. Data for tractive effort and capacity of cars exclude switching roads, also smaller roads during recent years; they would not be materially different if all carriers were included. Excludes the large number of cars owned by private car lines. See also *Historical Statistics*, series K 34-38]

YEAR ENDING DEC. 31—	LOCOMOTIVES					DIESEL ELECTRIC LOCOMOTIVE UNITS			FREIGHT-TRAIN CARS [3]			
	Total number [1]	Steam			Electric locomotive units	Number	Tractive effort [2]		Total number (1,000)	Capacity [2]		Passenger-train cars
		Number	Tractive effort [2]				Aggregate (1,000 lb.)	Average (lb.)		Aggregate (1,000 tons)	Average (tons)	
			Aggregate (1,000 lb.)	Average (lb.)								
1925	68,092	67,713	2,586,868	40,666	379	1	(4)	(4)	2,414	105,570	44.8	56,814
1930	60,189	59,406	2,526,940	45,225	663	77	(4)	(4)	2,322	106,180	46.6	53,584
1935	49,541	48,477	2,206,201	48,367	884	130	(4)	(4)	1,867	88,677	48.3	42,426
1937	47,555	46,342	2,155,555	49,412	872	293	(4)	(4)	1,776	85,808	49 2	40,949
1938	46,544	45,210	2,123,464	49,803	882	403	(4)	(4)	1,731	84,032	49.4	39,931
1939	45,172	43,604	2,072,110	50,395	879	639	(4)	(4)	1,681	82,002	49.7	38,977
1940	44,333	42,410	2,038,284	50,905	900	967	43,939	55,130	1,684	82,722	50.0	38,308
1941	44,375	41,911	2,029,425	51,217	895	1,517	69,347	54,733	1,733	85,682	50.3	38,334
1942	44,671	41,755	2,046,064	51,811	892	1,978	91,589	54,942	1,774	88,187	50.5	38,446
1943	45,406	41,983	2,083,618	52,451	907	2,476	117,300	55,200	1,784	88,968	50 7	38,331
1944	46,305	41,921	2,096,046	52,822	902	3,432	171,957	56,398	1,797	89,960	50.8	38,217
1945	46,253	41,018	2,067,639	53,217	885	4,301	213,193	55,868	1,787	89,872	51.1	38,633
1946	45,511	39,592	2,017,807	53,735	867	5,008	248,129	55,872	1,768	89,391	51 3	38,697
1947	44,344	36,942	1,913,593	51,506	864	6,495	326,255	56,524	1,760	89,225	51.5	39,057
1948	44,474	34,581	1,815,860	55,170	867	8,981	455,287	56,285	1,785	91,294	51.9	39,406

[1] Includes locomotives other than classes shown. [2] Class I roads. [3] Excludes caboose cars.
[4] Not available.

No. 595.—Steam Railways—Cars in Service, by Class: 1935 to 1948

["All operating companies" include switching and terminal companies but not circular and unofficial lines. Excludes cars owned by private car lines, roughly equaling one-tenth of those owned by railway companies]

CLASS	ALL OPERATING COMPANIES					CLASS I, 1948			
	1935	1940	1945	1947	1948	Total	Eastern district	Southern district	Western district
Freight-train cars [1]	1,867,381	1,684,171	1,787,073	1,759,758	1,785,067	1,759,561	740,096	420,323	599,142
Box	812,776	708,682	745,901	730,640	738,588	734,872	276,631	142,624	315,617
Flat	83,405	65,752	71,092	68,336	67,232	63,988	10,600	14,737	38,651
Stock	68,455	54,674	54,484	51,928	49,918	49,872	6,993	4,424	38,455
Gondola and hopper (open and closed tops)	793,776	809,538	874,553	868,293	889,908	873,738	443,563	253,015	177,160
Tank	9,266	8,836	9,030	8,914	8,806	8,089	3	29	8,057
Refrigerator	26,703	21,772	21,001	20,833	20,233	20,210	383	1,710	18,117
Other	73,000	14,917	11,012	10,814	10,382	8,792	1,923	3,784	3,085
Steel [2]	809,612	956,004	1,153,145	1,219,787	1,291,373	1,291,373	639,586	326,422	325,365
Steel underframe [3]	908,252	640,428	570,513	488,299	446,662	446,662	99,873	84,971	261,818
Caboose cars	24,994	22,216	25,198	24,758	24,660	23,802	9,275	5,086	9,441
Passenger-train cars	42,426	38,308	38,633	39,057	39,406	39,142	21,181	5,650	12,311
Coaches	(3)	17,470	17,668	17,542	17,150	17,071	10,207	2,225	4,549
Combination coach	(3)	3,207	2,748	2,635	2,592	2,458	1,332	396	730
Parlor and sleeping [4]	(3)	422	731	776	1,491	1,491	1,132	45	314
Dining	(3)	1,535	1,552	1,628	1,730	1,730	673	313	744
Club, lounge, and observation	(3)	370	278	354	386	385	66	62	257
Postal	(3)	1,829	1,701	1,693	1,724	1,724	868	273	583
Baggage, express, and other nonpassenger	(3)	13,087	13,671	14,160	14,063	14,028	6,759	2,307	4,962
Other passenger	(3)	105	26	17	17	15	6	7	2
Other passenger-train	(3)	283	258	252	253	240	48	22	170
Steel [2]	28,951	29,897	31,838	33,146	34,072	34,072	18,866	4,745	10,461
Steel underframe [2]	8,394	6,442	5,576	5,018	4,608	4,608	2,215	802	1,591
Company service equipment	79,584	77,811	90,056	95,202	95,899	93,967	28,910	19,211	45,846
Motor cars and trailers [3]	4,545	4,081	3,820	3,743	3,712	3,712	2,962	362	388

[1] Excludes caboose cars.
[2] Data represent class I roads only.
[3] No comparable data available because of change in classification.
[4] Excludes cars owned by Pullman Co.

Source of tables 594 and 595: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 596.—Steam Railways (Class I)—Equipment Installed and Permanently Withdrawn From Service: 1933 to 1948

[Includes owned and leased equipment]

YEAR	LOCOMOTIVES		FREIGHT-TRAIN CARS		PASSENGER-TRAIN CARS	
	New units installed	Units permanently withdrawn [1]	New units installed	Units permanently withdrawn [1]	New units installed	Units permanently withdrawn [1]
1933	14	2,401	1,936	109,623	7	2,081
1934	90	2,743	23,948	119,740	270	2,318
1935	139	1,966	6,987	109,539	225	2,075
1936	98	1,644	37,554	113,582	159	988
1937	441	973	69,118	81,451	576	842
1938	252	1,129	15,213	60,827	275	1,009
1939	298	1,660	23,236	74,229	209	790
1940	421	1,260	60,455	54,846	154	754
1941	632	718	76,392	26,693	297	587
1942	716	579	58,595	15,257	273	364
1943	891	268	28,000	13,516	8	255
1944	1,245	519	38,970	24,589	104	223
1945	901	1,110	37,132	44,247	111	375
1946	712	1,424	38,823	52,713	481	521
1947	1,398	2,739	55,543	62,594	858	736
1948	2,350	2,377	95,979	69,363	951	803

[1] Permanently withdrawn for sale or demolition.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 597.—Steam Railways (Class I)—Fuel Consumption and Rail and Tie Replacements: 1925 to 1948

[Excludes rails and ties laid in new construction. Short ton is 2,000 pounds; long ton 2,240 pounds]

CLASS	ALL DISTRICTS						
	1925	1930	1935	1940	1945	1947	1948
Consumption of fuel by steam locomotives:							
Anthracite, 1,000 short tons	2,174	1,140	508	286	139	42	99
Bituminous coal, do	117,714	98,400	71,335	79,628	115,154	100,437	88,001
Fuel oil [1], 1,000 gallons	2,457,827	2,366,569	1,998,176	2,502,868	4,413,072	3,788,666	3,358,831
Other fuel equivalent, 1,000 short tons				34	32	34	78
Total, coal equivalent, [2] 1,000 short tons	**135,420**	**114,458**	**84,783**	**96,067**	**143,806**	**124,942**	([3])
Rails laid in replacement and betterment:							
Total tonnage, 1,000 long tons	3,485	2,674	1,159	1,912	2,956	2,532	2,454
Total charges [4], 1,000 dollars	126,487	98,521	36,218	64,516	106,010	114,891	123,863
Ties laid in previously constructed tracks:							
Cross ties, thousands	82,717	63,354	44,326	43,621	43,912	37,289	36,842
Switch and bridge ties, 1,000 board feet	[5] 282,630	235,315	156,536	145,553	130,520	108,159	119,932
Total charges [4], 1,000 dollars	[5] 120,644	94,207	52,370	59,047	97,908	98,319	105,660

CLASS	1947			1948		
	Eastern district	Southern district	Western district	Eastern district	Southern district	Western district
Consumption of fuel by steam locomotives:						
Anthracite, 1,000 short tons	42			99		
Bituminous, do	49,872	24,610	25,955	42,893	22,977	22,131
Fuel oil [1], 1,000 gallons	17,768	42,218	3,728,680	16,780	43,354	3,298,697
Other fuel equivalent, 1,000 short tons	5	1	28	3		75
Total, coal equivalent [2], 1,000 short tons	**50,032**	**24,862**	**50,048**	([3])	([3])	([3])
Rails laid in replacement and betterment:						
Total tonnage, 1,000 long tons	803	594	1,135	757	605	1,092
Total charges [4], 1,000 dollars	34,976	27,300	52,615	37,810	29,679	56,374
Ties laid in previously constructed tracks:						
Cross ties, thousands	8,738	10,424	18,127	9,642	10,088	17,112
Switch and bridge ties, 1,000 board feet	27,668	34,365	46,126	34,437	35,650	49,845
Total charges [4], 1,000 dollars	26,609	28,616	43,094	31,802	29,501	44,357

[1] Ratio of fuel oil to coal based upon experience of various roads.
[2] Totals include equivalent of a small amount of miscellaneous fuel.
[3] Not available.
[4] Excludes labor cost of applying rails or ties.
[5] Excludes 1,435 linear feet of steel ties.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 598.—Steam Railways—Stock Outstanding, Dividends, and Interest: 1891 to 1948

[For years ending June 30 prior to 1916, calendar years thereafter. Includes nonoperating as well as operating roads. Excludes switching and terminal roads beginning with 1908. Dividend figures throughout cover all classes of roads, but interest figure for 1913 excludes unimportant class III roads. Amount of stock shown in first column is exclusive of stock held by issuing company, but includes that held by other railway companies. See also *Historical Statistics*, series K 67, 80, and 81]

YEAR OR YEARLY AVERAGE	STOCK			DIVIDENDS			Interest accrued on funded debt (1,000 dol.)
	Actually outstanding (1,000 dol.)	Paying dividends (1,000 dol.)	Percent paying dividends	Amount declared (1,000 dol.)	Percent on stock paying dividends	Percent on all stock outstanding	
1891-1895	----------	1,737,048	----------	94,093	5.42	----------	243,013
1896-1900	----------	1,977,832	----------	104,295	5.27	----------	249,548
1901-1905	----------	3,505,694	----------	199,752	5.70	----------	285,755
1906-1910	----------	4,930,368	----------	339,685	6.89	----------	363,470
1911-1915	8,561,050	5,595,888	65.36	401,944	7.18	4.70	436,178
1916-1920	8,866,429	5,310,622	59.90	350,789	6.61	3.96	480,053
1921-1925	9,131,529	5,669,613	62.09	400,389	7.06	4.38	558,375
1926-1930	9,697,138	7,108,596	73.31	543,007	7.64	5.60	582,701
1931-1935	9,992,404	4,113,651	41.17	225,072	5.47	2.25	580,677
1936-1940	9,814,851	3,511,140	35.77	198,307	5.65	2.02	532,413
1941-1945	9,460,110	5,118,116	54.10	268,997	5.26	2.84	512,508
1942	9,500,543	5,355,928	56.37	254,088	4.74	2.67	564,174
1943	9,429,323	5,466,566	57.97	263,919	4.83	2.83	515,617
1944	9,448,379	5,523,271	58.46	292,248	5.29	3.09	488,877
1945	9,423,342	5,383,158	57.13	295,294	5.49	3.13	449,917
1946	9,408,536	5,221,681	55.50	283,171	5.42	3.01	406,147
1947	9,225,219	5,184,182	56.20	280,397	5.41	3.04	374,150
1948	9,241,600	6,446,317	69.75	335,313	5.20	3.63	361,879

No. 599.—Steam Railways—Securities Actually Outstanding: 1930 to 1948

[**All figures in thousands of dollars.** Capital actually outstanding represents securities in hands of public or of railway companies other than those issuing same; excludes securities held by or for issuing company. Excludes switching and terminal companies]

SECURITY AND YEAR ENDING DEC. 31—	ALL RAILROADS				Class I	Class II	Class III	Nonoperating subsidiaries
	All districts	Eastern district	Southern district	Western district				
Total:								
1930	22,782,889	9,128,919	3,658,575	9,995,395	19,006,276	349,079	64,814	3,362,720
1935	22,079,551	9,210,379	3,401,012	9,468,160	18,530,040	300,476	53,426	3,195,609
1940	21,047,280	8,910,221	3,344,555	8,792,504	17,761,161	237,786	44,147	3,004,186
1942	20,471,191	8,643,736	3,243,102	8,584,353	17,368,326	225,853	34,902	2,842,110
1943	19,913,582	8,407,292	3,123,713	8,382,577	16,902,111	218,372	33,578	2,759,521
1944	19,402,593	8,239,475	3,025,482	8,137,636	16,480,870	208,611	28,836	2,684,276
1945	18,681,292	8,074,078	2,839,008	7,768,206	16,030,795	207,822	27,088	2,415,587
1946	18,449,437	8,026,132	2,834,629	7,588,676	15,928,644	200,968	25,131	2,294,694
1947	18,050,122	7,855,370	2,953,752	7,241,000	15,583,640	196,580	23,338	2,246,564
1948	18,249,091	7,859,760	3,108,486	7,280,845	15,820,784	190,373	23,029	2,214,905
Stock:								
1930	10,011,538	4,290,108	1,461,628	4,259,802	8,267,129	207,556	45,068	1,491,785
1935	9,925,202	4,325,471	1,431,397	4,168,334	8,218,994	194,922	38,217	1,473,069
1940	9,769,974	4,364,337	1,441,969	3,963,668	8,159,960	162,720	31,765	1,415,529
1945	9,423,342	4,029,886	1,398,890	3,994,566	8,008,565	150,861	21,024	1,242,892
1947	9,225,219	3,844,210	1,430,857	3,950,152	7,891,676	146,588	18,904	1,168,051
1948	9,241,600	3,767,997	1,463,317	4,010,286	7,923,453	143,179	19,331	1,155,637
Funded debt:								
1930	12,771,351	4,838,811	2,196,947	5,735,593	10,739,147	141,523	19,746	1,870,935
1935	12,154,349	4,884,908	1,969,615	5,299,826	10,311,046	105,554	15,209	1,722,540
1940	11,277,306	4,545,884	1,902,586	4,828,836	9,601,201	75,066	12,382	1,588,657
1945	9,257,950	4,044,192	1,440,118	3,773,640	8,022,230	56,961	6,004	1,172,695
1947	8,824,903	4,011,160	1,522,895	3,290,848	7,691,964	49,992	4,434	1,078,513
1948	9,007,491	4,091,763	1,645,169	3,270,559	7,897,331	47,194	3,698	1,059,268
1948								
Common stock	7,249,775	3,235,190	1,225,320	2,789,265	6,050,017	132,645	19,023	1,048,090
Preferred stock	1,991,825	532,807	237,997	1,221,021	1,873,436	10,534	308	107,547
Mortgage bonds	7,269,604	3,242,995	1,321,097	2,705,512	6,196,249	39,370	3,485	1,030,500
Collateral trust bonds	268,767	178,539	21,062	69,166	260,406	1,636	----------	6,725
Unsecured bonds (debentures)	393,166	145,565	43,198	204,403	374,211	1,330	----------	17,625
Miscellaneous obligations	28,413	18,073	9,159	1,181	21,477	2,305	213	4,418
Equipment obligations	1,047,541	506,591	250,653	290,297	1,044,988	2,553	----------	----------

Source of tables 598 and 599: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 600.—Steam Railways (All Reporting Companies)—Capitalization and Capital Expenditures: 1890 to 1948

[In millions of dollars, except as indicated. Excludes switching and terminal companies beginning with 1910; their total capitalization in 1948 was $751,919,000. Includes both operating and nonoperating railways. Gross figures include considerable amounts of securities held by companies issuing them as well as larger amounts held by other railway companies. See also *Historical Statistics*, series K 62–66, 69, and 70]

YEAR	TOTAL CAPITALIZATION				HELD BY RAILROADS		NET CAPITALIZATION		CAPITAL EXPENDITURES FOR ADDITIONS AND BETTERMENTS [1]	
	Total	Common stock	Preferred stock	Funded debt	Stock	Funded debt	Total	Per mile of road	Equipment	Roadway and structures
June 30:								*Dollars*	*$1,000*	*$1,000*
1890	8,984	3,803	606	4,575	964	443	7,577			
1900	11,491	4,522	1,323	5,646	1,470	473	9,548			
1910	18,417	6,710	1,403	10,304	2,555	1,486	14,376	62,819		
Dec. 31:										
1920	21,891	7,215	1,898	12,778	2,407	2,490	16,994	68,787		
1925	23,644	7,602	1,937	14,105	2,654	2,799	18,191	74,460	338,114	410,077
1930	24,331	8,009	2,074	14,248	2,897	2,368	19,066	77,343	328,269	544,339
1935	24,247	7,987	2,036	14,224	3,022	2,883	18,342	76,389	79,335	108,967
1936	24,003	7,993	2,036	13,974	2,933	2,734	18,336	76,910	159,104	139,887
1937	24,123	8,064	2,050	14,009	3,045	2,759	18,319	77,280	322,877	186,916
1938	23,855	8,040	2,049	13,766	3,067	2,800	17,988	76,449	115,408	111,529
1939	23,609	8,025	2,050	13,534	3,084	2,827	17,698	75,701	133,388	128,641
1940	23,371	8,005	2,064	13,302	3,048	2,693	17,630	75,839	271,906	157,241
1941	22,952	7,832	1,980	13,140	2,808	2,576	17,568	76,139	367,568	175,453
1942	22,712	7,882	1,959	12,901	2,880	2,547	17,315	75,974	349,374	185,523
1943	22,149	7,842	1,936	12,371	2,857	2,537	16,755	74,162	255,981	198,301
1944	21,693	7,790	2,023	11,880	2,849	2,568	16,276	72,037	328,231	231,881
1945	20,891	7,743	2,004	11,144	2,739	2,485	15,667	69,654	314,779	248,201
1946	20,545	7,733	1,980	10,832	2,699	2,337	15,509	68,982	319,017	242,940
1947	20,173	7,539	2,003	10,631	2,540	2,332	15,301	68,161	565,901	298,788
1948	20,302	7,543	2,016	10,743	2,644	2,191	15,467	68,930	917,449	356,035

[1] Class I railways.

Source: Capitalization: Interstate Commerce Commission; annual report, Statistics of Railways in United States. Capital expenditures: Association of American Railroads, Bureau of Railway Economics; Railroad Transportation.

No. 601.—Steam Railways—Investment, Income, and Dividends: 1910 to 1948

[All figures, except as indicated, in thousands of dollars. Excludes data for switching and terminal companies. Investment is as reported by carrier and should not be confused with tentative valuation fixed by Interstate Commerce Commission. See also *Historical Statistics*, series K 60, 61, and 77 for earlier data on investment and net operating income]

YEAR ENDING DEC. 31—	Investment book value [1]	Investment per mile of road	Depreciation reserve [2]	Net railway operating income	Return on investment	Other income [3]	Interest, rents, and other deductions [3]	Dividends declared [3]
		Dollars			*Percent*			
1910, June 30	[4] 14,557,816	64,382		805,097	5.53	222,915	511,417	351,202
1920	19,849,320	81,954	1,081,342	12,101	.06	(5)	[6] 640,516	275,348
1925	23,217,209	94,917	1,681,291	1,136,728	4.89	272,102	706,272	349,089
1930	26,051,000	105,661	2,360,767	874,154	3.36	361,196	716,730	511,259
1935	25,500,465	106,339	2,771,404	505,415	1.98	186,228	686,688	131,448
1937	25,636,082	108,235	2,950,848	597,841	2.33	176,322	676,276	172,795
1938	25,595,739	108,871	3,044,972	376,865	1.47	156,841	660,298	85,329
1939	25,538,157	109,331	3,102,779	595,961	2.33	162,599	665,054	129,386
1940	25,646,014	110,449	3,095,237	690,554	2.69	170,794	670,257	166,506
1941	25,668,984	111,352	3,240,145	1,009,592	3.93	178,066	683,002	189,750
1942	25,838,351	113,364	3,561,570	1,499,364	5.80	184,245	737,185	206,118
1943	26,145,458	115,288	3,939,562	1,370,568	5.24	202,969	667,257	220,522
1944	26,631,654	117,771	4,382,604	1,113,153	4.18	213,082	640,423	249,592
1945	26,967,756	119,664	5,549,720	858,864	3.18	206,993	589,073	249,581
1946	27,277,974	121,074	5,800,975	624,868	2.29	211,983	548,819	237,605
1947	27,686,103	123,215	6,037,033	790,534	2.86	230,980	536,442	240,733
1948	28,664,759	127,625	6,279,892	1,014,815	3.54	237,410	544,784	295,191

[1] Includes proprietary companies. Increase in investment over a period of years cannot be obtained accurately by subtraction of 1 year's investment from that of another owing to reorganization, sale or abandonment, reclassification, etc.

[2] Amortization of defense projects included subsequent to 1940.

[3] Excludes returns for lessor companies.

[4] Investment originally published is increased by $170,000,000, estimated reserve for accrued depreciation, to make figures comparable with those of other years.

[5] Figure not comparable on account of Federal control accounting requirements.

[6] Excludes returns for class II and class III companies.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 602.—Steam Railways—Revenues, Expenses, and Income: 1926 to 1948

[Method of calculating net revenue and net operating income is more fully shown in table 604. Excludes switching and terminal companies; operating revenues of switching and terminal companies: 1946, $143,039,000; 1947, $188,560,000; 1948, $217,306,000; operating expenses: 1946, $120,500,000; 1947, $138,057,000; 1948, $154,442,000. See also *Historical Statistics*, series K 71–79]

ITEM	ALL ROADS						
	1926–30, average	1931–35, average	1936–40, average	1941–45, average	1946	1947	1948
Average miles of line (first track) operated	259,646	257,098	249,100	241,723	239,077	238,975	237,824
Income account items ($1,000):							
Operating revenues	6,139,269	3,473,819	4,071,163	8,122,360	7,709,171	8,784,214	9,784,332
Per mile of line (dollars)	23,645	13,512	16,343	33,602	32,246	36,758	41,141
Operating expenses	4,502,029	2,622,222	2,998,447	5,507,771	6,422,494	6,869,806	7,552,630
Percent of revenue	73.33	75.49	73.65	67.81	83 31	78.21	77.19
Net revenue from operations	1,637,240	851,597	1,072,716	2,614,589	1,286,677	1,914,408	2,231,702
Per mile of line (dollars)	6,306	3,312	4,306	10,816	5,382	8,011	9,384
Tax accruals	386,732	265,137	353,335	1,265,554	506,480	949,273	1,043,036
Net railway operating income	1,125,224	460,435	587,364	1,170,308	624,868	790,534	1,014,815

ITEM	CLASS I							
	Total		Eastern district		Southern district		Western district	
	1947	1948	1947	1948	1947	1948	1947	1948
Average miles of line (first track) operated	227,927	226,903	54,570	53,589	45,755	46,123	127,602	127,191
Income account items ($1,000):								
Operating revenues	8,684,918	9,671,722	3,442,436	3,823,663	1,695,494	1,902,010	3,546,988	3,946,049
Per mile of line (dollars)	38,104	42,625	63,083	71,352	37,056	41,238	27,797	31,025
Operating expenses	6,797,265	7,472,035	2,839,429	3,063,407	1,300,484	1,447,817	2,657,352	2,960,811
Percent of revenue	78.27	77.26	82.48	80.12	76.70	76.12	74.92	75.03
Net revenue from operations	1,887,653	2,199,687	603,007	760,256	395,010	454,193	889,636	985,238
Per mile of line (dollars)	8,282	9,694	11,050	14,187	8,633	9,847	6,972	7,746
Tax accruals	936,395	1,028,527	304,980	348,511	210,489	231,351	420,926	448,665
Net railway operating income	780,694	1,002,011	217,543	334,480	189,581	234,052	373,570	433,479

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 603.—Steam Railways—Receiverships and Trusteeships: 1884 to 1948

YEAR (CALENDAR, EXCEPT AS NOTED)	UNDER RECEIVERSHIP END OF YEAR [1]		PLACED UNDER RECEIVERSHIP			YEAR (CALENDAR, EXCEPT AS NOTED)	UNDER RECEIVERSHIP END OF YEAR [1]		PLACED UNDER RECEIVERSHIP		
	Number	Mileage operated	Number	Miles	Stocks and long-term debt (1,000 dollars)		Number	Mileage operated	Number	Miles	Stocks and long-term debt (1,000 dollars) [2]
1884			37	11,038	714,755	1937 [3]	109	70,884	26	1,963	207,975
1885			44	8,836	385,460	1938 [3]	109	76,938	9	6,997	730,287
1890			26	2,963	105,007	1939 [3]	108	77,013	3	734	78,869
1895	169	37,856	31	4,089	369,075	1940 [3]	103	75,270	1	24	33
1900	52	4,178	16	1,165	78,234	1941 [3]	91	69,859	1	[4] 25	250
1905	26	796	10	3,593	176,321	1942 [3]	87	66,904	4	[4] 974	83,329
1910	39	5,257	7	735	51,428	1943 [3]	82	64,758	2	[4] 14	5,522
1915	85	30,223	12	20,143	1,070,809	1944 [3]	76	50,497	3	[4] 22	3,854
1920	61	16,290	10	511	21,620	1945 [3]	72	39,714	1	[4] 96	7,012
1925	53	18,687	6	11,368	680,422	1946 [3]	65	34,389			
1930	30	9,486	4	4,752	277,324	1947 [3]	52	22,750	2	[4] 31	425
1935 [3]	87	68,345	13	27,124	2,168,871	1948 [3]	46	13,283	4	[4] 29	7,078

[1] Data relate to June 30 prior to 1916, Dec. 31 thereafter.
[2] Beginning 1937, includes receivers and trustees certificates and nonnegotiable debt to affiliated companies.
[3] Includes roads under trusteeship.
[4] Owned mileage for recent years as follows: 1941, 25; 1942, 709; 1943, 171; 1944, 98; 1945, 118; 1947, 365; 1948, 163.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States for first 2 columns and all data beginning with 1933; The Railway Age, Chicago, for other data.

No. 604.—Steam Railways (Class I)—Income Account of Operating Roads: 1926 to 1948

[**In thousands of dollars.** Excludes switching and terminal companies. Beginning 1936, rail line and water line transportation combined in the several accounts; water line transportation included in "All other" in prior years]

ITEM	1926–30, average	1931–35, average	1936–40, average	1941–45, average	1946	1947	1948
Revenues	**6,038,339**	**3,426,801**	**4,015,180**	**8,041,257**	**7,627,651**	**8,684,918**	**9,671,722**
Freight	4,600,341	2,719,977	3,266,554	6,141,351	5,786,556	7,041,185	7,976,285
Passenger	903,748	391,826	419,049	1,340,485	1,259,169	963,322	964,303
Mail	111,887	95,530	97,924	120,887	129,001	170,182	199,939
Express	139,570	57,948	55,433	113,958	92,763	115,836	117,631
All other transportation	136,665	81,230	83,902	118,078	122,833	135,815	154,035
All other	146,128	80,291	92,318	206,498	237,329	258,578	259,529
Expenses	**4,421,699**	**2,582,163**	**2,956,063**	**5,451,293**	**6,357,415**	**6,797,264**	**7,472,035**
Maintenance, way, etc.	826,826	392,669	466,882	1,036,465	1,150,241	1,212,096	1,348,000
Maintenance, equipment	1,178,252	670,879	774,225	1,475,776	1,468,758	1,558,010	1,702,944
Traffic	123,608	96,544	104,492	127,962	164,749	176,311	193,821
Transportation	2,054,865	1,235,538	1,439,204	2,538,462	3,212,292	3,476,434	3,821,198
All other	238,148	186,533	171,260	272,628	361,375	374,413	406,072
Net revenue from railway operations	**1,616,640**	**844,638**	**1,059,117**	**2,589,964**	**1,270,236**	**1,887,654**	**2,199,687**
Deduct—							
Tax accruals	379,941	260,971	347,655	1,252,963	498,144	936,395	1,028,527
Uncollectible revenues	1,427	1,099	(1)	(1)	(1)	(1)	(1)
Equipment rents	91,786	88,963	95,338	134,979	113,333	128,664	131,264
Joint facility rents	28,583	35,866	35,847	41,819	38,639	41,901	37,885
Net railway operating income	1,114,903	457,739	580,277	1,160,203	620,120	780,694	1,002,011
Net income or deficit after charges	737,898	[2] *3,931*	84,250	678,516	287,139	478,875	698,057

ITEM	EASTERN DISTRICT			SOUTHERN DISTRICT			WESTERN DISTRICT		
	1946	1947	1948	1946	1947	1948	1946	1947	1948
Revenues	**3,029,150**	**3,442,436**	**3,823,663**	**1,435,553**	**1,695,494**	**1,902,010**	**3,162,948**	**3,546,988**	**3,946,049**
Freight	2,228,798	2,684,992	3,035,317	1,147,734	1,429,810	1,627,800	2,410,024	2,926,383	3,313,168
Passenger	578,938	487,814	494,884	203,990	150,314	150,107	476,241	325,194	319,312
Mail	45,655	61,504	71,103	22,262	30,390	36,211	61,084	78,288	92,625
Express	9,382	33,772	38,277	14,784	20,212	20,027	68,597	61,852	59,327
All other transportation	55,675	58,980	67,829	14,909	18,054	20,140	52,249	58,781	66,066
All other	110,702	115,374	116,253	31,874	46,714	47,725	94,753	96,490	95,551
Expenses	**2,658,284**	**2,839,429**	**3,063,407**	**1,149,020**	**1,300,484**	**1,447,817**	**2,550,111**	**2,657,351**	**2,960,811**
Maintenance, way, etc.	426,541	447,361	500,246	231,297	257,586	278,749	492,403	507,149	569,005
Maintenance, equipment	629,054	671,231	722,624	269,436	306,965	342,834	570,268	579,814	637,486
Traffic	60,074	61,645	66,928	30,962	36,894	42,000	73,713	77,772	84,893
Transportation	1,401,384	1,515,211	1,617,977	554,426	628,440	704,941	1,256,482	1,332,783	1,498,280
All other	141,231	143,981	155,632	62,899	70,599	79,293	157,245	159,833	171,147
Net revenue from railway operations	**370,866**	**603,007**	**760,256**	**286,533**	**395,010**	**454,193**	**612,837**	**889,637**	**985,238**
Deduct—									
Tax accruals	151,704	304,980	348,511	133,936	210,489	231,351	212,504	420,926	448,665
Equipment rents	52,371	60,057	59,228	[2] *7,148*	[2] *11,060*	[2] *16,711*	68,110	79,667	88,747
Joint facility rents	19,781	20,427	18,037	4,695	6,000	5,501	14,163	15,474	14,347
Net railway operating income	147,010	217,543	334,480	155,050	189,581	234,052	318,060	373,570	433,479
Net income or deficit after charges	[2] *477*	81,805	181,054	93,814	134,565	172,694	193,801	262,505	344,309

[1] Account eliminated. [2] Deficit.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 605.—Steam Railways (Class I)—Railway Tax Accruals, by States: 1930 to 1948

[Excludes switching and terminal companies and includes nonoperating subsidiaries. Total railroad taxes, Federal and State in 1948, by classes; were as follows: Class I and subsidiaries, $1,030,790,613 (including $2,267,154 Canadian, $567,537 Mexican, $25 Cuban, and $8 Great Britain taxes); class II and subsidiaries, $12,803,898; class III and subsidiaries, $1,728,490; switching and terminal companies, $40,014,136; grand total, $1,085,337,137]

STATE	AMOUNT (THOUSANDS OF DOLLARS)						PER MILE OF LINE (DOLLARS)			
	1930	1935	1940	1945	1947	1948	1940	1945	1947	1948
Total	349,207	238,372	397,391	822,868	935,815	1,027,952	1,809	3,834	4,367	4,796
U. S. Government taxes	40,986	26,796	183,546	551,004	655,849	723,325	836	2,568	-------	-------
New England:										
Maine	1,908	1,232	1,161	1,795	1,694	1,963	636	1,001	943	1,094
New Hampshire	1,125	718	538	523	560	602	550	565	605	656
Vermont	407	413	258	286	286	286	361	402	403	410
Massachusetts	4,709	3,964	3,832	4,414	4,657	5,043	2,147	2,574	2,725	2,975
Rhode Island	687	664	635	798	775	784	3,567	4,585	4,451	4,480
Connecticut	1,672	711	946	1,416	1,298	1,434	1,071	1,626	1,490	1,737
Middle Atlantic:										
New York	27,378	23,685	24,156	29,878	31,277	31,727	3,276	4,070	4,316	4,380
New Jersey	20,442	17,520	19,793	30,901	14,724	16,949	10,395	16,767	8,006	9,267
Pennsylvania	12,440	9,342	10,754	9,378	11,222	13,541	1,098	986	1,196	1,452
South Atlantic:										
Delaware	166	151	150	154	168	181	509	522	569	613
Dist. of Columbia	144	138	224	253	289	333	6,410	7,429	8,490	9,798
Maryland	2,076	1,748	2,110	3,523	3,765	3,688	1,879	3,179	3,401	3,338
Virginia	7,318	5,192	5,500	7,811	7,380	8,077	1,358	1,999	1,897	2,085
West Virginia	8,109	8,229	8,096	7,870	8,145	8,669	2,288	2,273	2,349	2,498
North Carolina	5,392	3,696	4,110	4,907	3,854	4,589	1,131	1,362	1,069	1,279
South Carolina	3,489	2,396	1,937	2,548	1,776	2,073	629	845	589	687
Georgia	3,966	2,434	2,519	3,146	4,397	4,192	472	593	846	794
Florida	4,964	3,039	2,132	3,046	3,907	4,209	445	731	860	921
East North Central:										
Ohio	19,928	10,452	11,063	12,722	13,898	15,486	1,320	1,534	1,676	1,868
Indiana	13,852	6,520	6,278	7,488	9,862	10,746	946	1,141	1,504	1,638
Illinois	22,084	13,610	12,900	19,040	18,965	21,250	1,103	1,640	1,639	1,836
Michigan	10,816	5,346	5,035	5,538	5,649	5,762	742	853	877	895
Wisconsin	7,201	4,921	4,455	4,581	5,206	5,890	683	728	830	939
West North Central:										
Minnesota	6,778	4,291	6,529	9,871	11,037	12,472	815	1,210	1,349	1,529
Iowa	8,026	3,804	2,986	3,388	4,485	5,120	334	386	511	587
Missouri	4,284	3,336	2,757	2,900	3,918	4,429	399	424	576	651
North Dakota	4,110	2,114	2,559	2,954	3,427	4,179	499	568	660	806
South Dakota	2,696	2,191	1,063	1,115	1,456	1,596	267	282	369	403
Nebraska	4,622	3,060	2,978	3,689	4,846	4,981	493	634	833	856
Kansas	8,871	6,232	5,327	6,322	8,494	8,698	623	750	1,008	1,032
East South Central:										
Kentucky	5,373	3,552	5,048	5,380	6,353	6,974	1,411	1,553	1,833	1,997
Tennessee	3,629	2,558	2,841	5,784	6,666	6,847	844	1,767	2,039	2,094
Alabama	3,681	2,378	2,736	3,592	3,590	4,131	611	819	816	947
Mississippi	5,047	2,937	3,079	3,962	3,698	4,554	840	1,110	1,039	1,291
West South Central:										
Louisiana	5,098	4,087	3,854	4,318	4,384	4,588	1,001	1,169	1,196	1,252
Texas	7,614	5,487	5,250	5,562	6,338	6,269	359	388	443	438
Oklahoma	6,468	3,667	3,723	4,277	4,771	5,319	603	726	810	904
Arkansas	3,025	2,290	2,038	2,880	2,522	2,892	497	722	638	733
Mountain:										
Montana	5,178	4,460	4,068	4,058	5,746	5,999	809	815	1,154	1,204
Wyoming	1,970	1,671	1,715	1,970	2,337	2,573	925	1,110	1,316	1,445
Colorado	4,271	3,363	3,021	4,026	4,867	5,482	748	1,009	1,227	1,382
New Mexico	2,785	1,883	1,758	2,019	2,215	2,166	651	824	915	894
Arizona	3,100	3,055	2,597	3,154	4,199	3,357	1,276	1,554	2,072	1,658
Utah	2,404	2,243	2,309	2,956	3,381	3,315	1,135	1,605	1,862	1,851
Nevada	1,970	1,756	1,813	1,819	2,070	2,225	1,073	1,229	1,397	1,501
Idaho	3,244	2,516	2,524	2,949	3,610	3,761	942	1,111	1,363	1,420
Pacific:										
Washington	7,430	3,882	3,346	4,734	5,631	6,420	684	952	1,133	1,292
Oregon	3,064	2,413	2,297	2,673	3,604	4,142	767	901	1,215	1,397
California	13,210	6,229	7,047	13,496	12,567	14,664	1,018	2,023	1,889	2,128

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 606.—Steam-Railway Freight Service—Summary Statistics: 1926 to 1948

[Excludes switching and terminal roads except as noted. Tons of 2,000 pounds. See also *Historical Statistics*, series K 43-52]

ITEM	ALL ROADS						
	1926–1930, average	1931–1935, average	1936–1940, average	1941–1945, average	1946	1947	1948
Freight revenue, rail line ($1,000)	4,690,122	2,763,961	3,313,398	6,221,235	5,866,351	7,140,881	8,090,194
Per train-mile [1 2]	$7.67	$6.46	$6.95	$9.29	$9.80	$11.43	$13.63
Per loaded car-mile (cents) [1 2]	26.4	23.5	23.6	27.9	28.6	32.9	38.6
Revenue tons originated (1,000)	1,364,607	798,205	986,094	1,481,798	1,431,936	1,613,148	1,580,480
Total revenue tons carried (1,000)	2,481,018	1,437,728	1,778,746	2,925,421	2,734,818	3,039,365	2,997,976
Tons carried 1 mile:							
Revenue freight (millions)	430,310	270,192	341,322	654,687	594,943	657,878	641,104
Revenue ton-miles per mile of road	1,657,434	1,051,083	1,370,519	2,711,448	2,488,499	2,752,915	2,695,708
Revenue per ton-mile (cents) [3]	1.090	1.023	.971	.950	.986	1.085	1.262
Freight-train miles (1,000) [1]	586,389	396,917	478,402	666,694	599,165	625,104	593,448
Freight-train car-miles: [1]							
Loaded (revenue and nonrevenue) (1,000)	17,357,165	11,419,604	13,882,934	21,969,322	20,340,175	21,490,484	20,745,520
Empty (1,000)	10,330,175	7,283,037	8,371,016	11,938,016	10,016,300	10,860,301	10,858,378
Average miles per car per day [4]				46.2	42.4	45.7	44.1
Revenue ton-miles per train-mile	700	625	713	977	993	1,052	1,080
Ton miles per loaded car-mile [5]	24.5	23.2	24.6	29.7	29.2	30.6	30.9
Haul per ton:							
U. S. as a system (miles)	315.34	339.12	346.13	439.36	415.48	407.82	405.64
Individual railway (miles)	173.44	187.93	191.89	222.44	217.54	216.45	213.85
Revenue per ton:							
U. S. as a system	$3.44	$3.46	$3.36	$4.20	$4.10	$4.43	$5.12
Individual railway	$1.89	$1.92	$1.86	$2.13	$2.15	$2.35	$2.70

ITEM	CLASS I							
	Total		Eastern district		Southern district		Western district	
	1947	1948	1947	1948	1947	1948	1947	1948
Freight revenue, rail line ($1,000)	7,041,185	7,976,285	2,684,992	3,035,317	1,429,810	1,627,800	2,926,383	3,313,168
Per train-mile [1 2]	$11.43	$13.64	$13.61	$16.51	$10.51	$12.28	$10.35	$12.35
Per loaded car-mile (cents) [1 2]	32.9	38.6	37.0	44.6	32.6	37.8	30.0	34.7
Revenue tons originated (1,000)	1,537,546	1,506,878	606,026	584,289	399,472	398,548	532,048	524,041
Total revenue tons carried (1,000)	2,888,589	2,847,897	1,359,533	1,329,872	653,868	647,828	875,188	870,197
Tons carried 1 mile:								
Revenue freight (millions)	654,728	637,917	231,361	221,164	151,849	149,527	271,518	267,226
Revenue and nonrevenue (millions)	696,643	678,137	243,328	232,655	160,942	158,950	292,373	286,532
Revenue ton-miles per mile of road	2,869,909	2,808,728	4,232,039	4,121,253	3,315,735	3,236,401	2,127,520	2,100,640
Revenue per ton mile (cents) [3]	1.076	1.251	1.162	1.374	.942	1.089	1.078	1.240
Freight-train miles (1,000) [1]	616,071	584,671	197,261	183,795	136,002	132,583	282,808	268,293
Freight-train car miles: [1]								
Loaded (revenue and nonrevenue) (1,000)	21,395,870	20,651,602	7,256,897	6,806,504	4,392,181	4,310,155	9,746,792	9,534,943
Empty (1,000)	10,805,463	10,803,360	3,622,211	3,520,413	2,390,267	2,409,174	4,792,985	4,873,773
Average miles per car per day [4]	45.7	44.1	34.9	33.2	51.3	48.6	55.6	54.5
Revenue ton-miles per train-mile	1,076	1,104	1,194	1,225	1,128	1,137	970	1,006
Ton miles per loaded car-mile [6]	32.6	32.9	33.5	34.1	36.6	37.0	30.0	30.1
Haul per ton:								
U. S. as a system (miles)	425.8	423.3	381.8	378.5	380.1	375.2	510.3	509.9
Individual railway (miles)	226.7	224.0	170.2	166.3	232.2	230.8	310.2	307.1
Revenue per ton:								
U. S. as a system	$4.58	$5.29	$4.43	$5.19	$3.58	$4.08	$5.50	$6.32
Individual railway	$2.44	$2.80	$1.97	$2.29	$2.19	$2.51	$3.34	$3.81

[1] 1935 and prior years not strictly comparable with subsequent years due to change in train classifications.
[2] Class I roads only.
[3] Based on freight revenue from rail-line operations.
[4] Includes switching and terminal companies.
[5] Based on revenue ton miles; nonrevenue ton miles not available for all roads.
[6] Based on revenue and nonrevenue ton miles.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 607.—Steam Railways—Passengers Carried and Passenger Revenue: 1926 to 1948

[Passenger service revenue per train-mile includes revenue from mail, express, etc., but average revenue per passenger-mile is computed only from revenue from passengers themselves. See also *Historical Statistics*, series K 39–42]

ITEM	ALL ROADS						
	1926–30, average	1931–35, average	1936–40, average	1941–45, average	1946	1947	1948
Passengers carried (thousands)	801,503	483,006	471,362	772,393	794,824	706,551	645,535
Passengers carried 1 mile (millions)	31,846	18,375	23,068	71,713	64,754	45,972	41,224
Average journey per passenger (miles)	39.73	38.04	48.94	92.85	81.47	65.07	63.86
Passenger train-miles (thousands) [1]	569,310	410,509	403,715	453,217	451,135	417,500	409,371
Passenger train car-miles (thousands) [1]	3,818,089	2,745,969	2,992,350	4,167,194	4,324,969	3,818,297	3,790,476
Passenger revenue ($1,000)	908,341	392,869	419,760	1,342,958	1,261,416	965,005	965,630
Passenger service train revenue per train-mile [1 2]	2.15	1.38	1.49	3.58	3.39	3.09	3.23
Revenue per passenger per mile (cents)	2.85	2.14	1.82	1.87	1.95	2.10	2.34
Average passengers per train [1]	56	45	57	158	144	110	101

ITEM	CLASS I							
	Total		Eastern district		Southern district		Western district	
	1947	1948	1947	1948	1947	1948	1947	1948
Passengers carried (thousands)	703,280	642,781	513,292	469,078	86,326	77,115	103,662	96,588
Passengers carried 1 mile (millions)	45,921	41,179	22,888	20,537	7,086	6,433	15,947	14,209
Average journey per passenger (miles)	65.29	64.06	44.59	43.78	82.09	83.41	153.84	147.12
Passenger train-miles (thousands) [1]	414,909	407,133	170,679	165,866	73,021	72,080	171,209	169,187
Passenger train car-miles (thousands) [1]	2,811,674	3,784,452	1,525,876	1,513,304	685,796	688,438	1,600,002	1,582,710
Passenger revenue ($1,000)	963,322	964,089	487,814	494,669	150,314	150,107	325,194	319,313
Passenger service train revenue per train-mile [1]	3.09	3.23	3.51	3.76	2.79	2.90	2.78	2.86
Revenue per passenger per mile (cents)	2.10	2.34	2.13	2.41	2.12	2.33	2.04	2.25
Average passengers per train [1]	111	101	134	124	97	89	93	84

[1] 1935 and prior years not strictly comparable with subsequent years due to change in train classification.
[2] Based on data for class I roads only.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 608.—Steam Railways (Class I)—Operating Revenues, Freight and Passenger Revenue, and Freight Ton-Miles, by Months: 1925 to 1949

[Except at times of general revisions in freight rates, changes in freight revenue closely parallel those of ton-mileage. Excludes class I switching and terminal companies]

YEAR	Average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	TOTAL OPERATING REVENUES (millions of dollars)												
1925	510.2	479.2	450.1	481.1	468.6	483.5	501.7	517.1	549.9	559.9	585.3	527.4	518.7
1930	440.1	446.3	423.2	447.7	445.9	457.6	439.7	451.8	461.0	462.2	478.0	394.3	373.9
1935	287.5	264.2	254.9	280.9	274.7	279.5	281.3	275.3	294.0	306.9	341.0	301.3	296.1
1940	358.2	345.6	313.6	327.1	321.6	343.5	345.0	366.2	381.5	382.7	413.7	375.5	381.9
1942	622.2	480.7	462.5	540.3	572.5	601.1	623.7	665.2	683.8	697.8	745.6	690.1	703.0
1943	754.5	671.3	663.5	756.2	748.7	759.3	747.3	791.1	800.2	776.5	796.2	762.0	781.7
1944	786.4	740.7	735.3	797.0	759.5	804.1	799.5	809.0	836.2	799.2	818.7	780.7	756.9
1945	741.6	750.9	712.8	812.9	778.6	822.6	819.9	795.7	754.9	678.9	697.0	661.2	613.7
1946	635.6	641.0	579.1	646.2	566.6	532.6	612.0	674.1	710.3	660.4	710.0	658.2	637.7
1947	724.0	685.6	636.2	718.7	690.3	725.4	697.8	706.0	746.0	727.1	794.8	755.9	804.3
1948	806.0	750.7	715.9	776.6	729.0	796.4	838.1	842.0	868.1	844.8	878.1	825.3	806.6
1949	714.4	730.7	675.7	739.1	747.3	741.1	735.4	700.6	742.9	695.0	648.9	704.8	710.8
	FREIGHT REVENUE (millions of dollars)												
1930	340.3	338.0	327.0	345.2	345.6	354.1	331.4	347.1	354.5	363.3	385.5	310.9	280.7
1935	233.0	211.5	206.5	229.2	222.6	224.9	225.8	221.1	235.7	250.6	285.4	248.7	234.4
1940	294.8	283.1	257.7	266.7	265.3	284.7	280.7	300.7	310.7	316.1	348.2	315.2	308.4
1945	544.2	558.4	536.8	622.8	593.9	626.0	610.7	589.2	547.3	488.3	492.3	463.7	401.2
1947	586.9	551.1	518.7	592.3	565.0	591.9	557.1	558.2	597.0	593.3	664.9	625.4	627.9
1948	664.7	613.4	590.0	642.3	601.4	667.0	690.8	685.4	711.4	696.8	738.6	691.2	648.0
1949	586.8	594.7	559.2	616.1	620.3	615.9	599.5	562.8	606.2	569.5	534.9	587.1	575.7

No. 608.—Steam Railways (Class I)—Operating Revenues, Freight and Passenger Revenue, and Freight Ton-Miles, by Months—Continued

YEAR	Average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	PASSENGER REVENUE (millions of dollars)												
1930	60.8	70.5	61.3	61.8	59.6	60.4	67.2	65.8	67.4	59.1	52.4	48.7	55.4
1935	29.8	30.5	27.3	27.7	27.2	27.1	31.0	31.6	33.9	30.8	28.6	27.8	34.4
1940	34.8	36.1	31.9	33.3	30.0	29.7	35.9	37.7	41.0	36.1	33.5	31.2	40.8
1945	143 0	139.2	125.9	133.6	129.2	138.9	152.2	150.7	153.3	140 1	146 5	145.6	161.1
1947	80.3	82.5	70.8	71.4	70 4	77.4	84.8	93.6	94.0	80.4	75.0	73.7	89.5
1948	80.4	80.9	72.1	74.4	69.5	71.8	84.3	95.1	92.5	83.6	75.3	74.2	90.7
1949	71.7	81.5	67.4	67.6	68.7	67.9	77.1	82.6	78.6	69.8	61.0	63.8	74.4
	FREIGHT TON-MILES (millions) [1]												
1930	35,179	36,718	34,347	35,301	34,900	36,573	34,417	35,595	37,423	36,232	39,294	32,310	29,034
1935	26,031	24,967	24,124	27,598	23,340	24,672	25,951	23,174	25,938	27,731	31,218	27,482	26,179
1940	33,820	32,518	29,662	31,118	29,909	33,081	32,900	33,716	36,406	37,060	38,614	35,955	34,903
1945	60,504	60,676	58,924	68,224	65,215	68,631	66,558	64,696	60,487	56,078	53,260	53,153	49,844
1947	58,069	56,994	51,848	60,026	53,938	60,014	56,654	54,674	61,663	59,422	64,612	59,656	57,332
1948	56,602	55,125	53,579	52,466	49,902	60,250	58,231	57,995	61,253	58,815	62,900	56,162	52,541
1949	46,595	49,197	45,359	46,716	50,199	51,607	47,964	44,991	47,107	44,219	40,554	46,036	15,190

[1] Revenue and nonrevenue.

Source: Interstate Commerce Commission; monthly reports, Operating Revenues and Operating Expenses of Class I Steam Railways and Operating Statistics of Class I Steam Railways.

No. 609.—Steam Railways (Class I)—Revenue Freight Originated, By Commodity Groups: 1925 to 1948

[**In thousands of tons of 2,000 pounds.** Excludes switching and terminal roads. Excludes nonrevenue freight; this is a large item in the case of a few commodities, notably coal. See also *Historical Statistics*, series K 52-59]

ITEM	1925	1930	1935	1940	1945	1946	1947	1948
Total	**1,247,242**	**1,153,197**	**789,627**	**1,009,421**	**1,424,913**	**1,366,617**	**1,537,546**	**1,506,878**
Products of agriculture	109,313	110,728	76,338	88,821	159,571	149,941	158,168	145,176
Animals and their products	26,324	23,129	15,125	15,456	23,748	21,587	19,716	16,865
Products of mines:								
Coal and coke	424,403	407,937	320,628	372,663	485,109	467,645	543,012	527,162
Other	253,933	234,600	124,508	197,557	247,832	250,161	304,795	318,478
Products of forests	107,391	69,371	42,483	58,221	75,604	84,817	87,027	86,104
Manufactures and misc	285,291	277,765	196,506	262,010	412,216	368,079	402,267	394,827
All less than carload	40,587	29,667	14,039	14,693	20,833	24,387	22,561	18,266

ITEM	EASTERN DISTRICT		SOUTHERN DISTRICT		WESTERN DISTRICT	
	1947	1948	1947	1948	1947	1948
Total	**606,026**	**584,289**	**399,472**	**398,548**	**532,048**	**524,041**
Products of agriculture	26,482	26,665	18,526	17,941	113,160	100,570
Animals and their products	4,446	3,893	2,270	1,952	13,000	11,020
Products of mines:						
Coal and coke	276,074	264,512	213,835	211,564	53,103	51,086
Other	67,468	67,831	61,644	63,928	175,683	186,719
Products of forests	6,096	5,126	32,132	33,771	48,799	47,207
Manufactures and miscellaneous	214,015	207,197	66,391	65,386	121,861	122,244
All less than carload	11,445	9,065	4,674	4,006	6,442	5,195

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 610.—Steam Railways (Class I)—Number of Cars of Revenue Freight Loaded, by Principal Commodities: 1925 to 1949

[In thousands. Figures are 52-week totals]

YEAR	Total	Grain and grain products	Live-stock	Coal	Coke	Forest products	Ore	Miscel-laneous	Mdse., less than carload
1925	51,224	2,306	1,636	8,905	623	3,737	2,012	18,813	13,193
1930	45,878	2,265	1,285	7,927	488	2,369	1,662	17,681	12,201
1931	37,151	2,024	1,162	6,493	325	1,471	875	13,852	10,949
1932	28,180	1,653	949	5,339	224	899	210	9,835	9,070
1933	29,220	1,660	887	5,695	298	1,101	743	10,390	8,446
1934	30,846	1,646	1,074	6,135	333	1,149	793	11,474	8,241
1935	31,504	1,577	714	6,145	340	1,384	1,036	12,227	8,081
1936	36,109	1,805	759	6,937	480	1,683	1,623	14,546	8,276
1937	37,670	1,789	722	6,977	508	1,828	2,208	15,174	8,466
1938	30,457	1,967	703	5,541	275	1,418	846	12,026	7,682
1939	33,911	1,940	694	6,083	414	1,584	1,615	13,751	7,831
1940	36,358	1,835	685	6,820	549	1,800	2,148	14,842	7,679
1941	42,352	2,028	651	7,606	679	2,190	2,683	18,476	8,040
1942	42,771	2,185	745	8,356	732	2,445	3,016	19,755	5,537
1943	42,440	2,648	838	8,507	752	2,229	2,816	19,571	5,080
1944	43,408	2,521	892	8,890	751	2,271	2,649	20,007	5,428
1945	41,918	2,734	894	8,296	695	2,039	2,474	19,258	5,529
1946	41,341	2,497	925	8,004	587	2,263	1,996	18,744	6,325
1947	44,502	2,726	770	9,088	732	2,415	2,651	20,049	6,071
1948	42,719	2,468	630	8,690	739	2,348	2,701	19,686	5,457
1949	35,910	2,584	551	6,218	588	1,952	2,210	17,218	4,589

Source: Association of American Railroads, Car Service Division, Washington, D. C.; annual summary, Cars of Revenue Freight Loaded. Weekly reports are published currently.

No. 611.—Steam Railways—Number and Compensation of Employees: 1920 to 1948

[Excludes switching and terminal companies. See also *Historical Statistics*, series K 82-83]

YEAR	ALL OPERATING CARRIERS		CLASS I CARRIERS					
	Average number of em-ployees	Total yearly compensa-tion (1,000 dollars)	Average number of em-ployees	Total hours (thou-sands)	Total yearly compen-sation (1,000 dollars)	Average hours per em-ployee	Average com-pensation	
							Per hour [1]	Per year
1920	2,075,886	3,754,281	2,022,832	5,446,741	3,681,801	2,692.6	$0.676	$1,820
1925	1,786,411	2,916,193	1,744,311	4,531,361	2,860,600	2,597.8	.631	1,640
1930	1,517,043	2,588,598	1,487,839	3,759,772	2,550,789	2,527.0	.678	1,714
1931	1,282,825	2,124,784	1,258,719	3,039,110	2,094,994	2,414.4	.689	1,664
1932	1,052,285	1,535,066	1,031,703	2,378,206	1,512,816	2,305.1	.636	1,466
1933	990,839	1,424,392	971,196	2,233,045	1,403,841	2,299.3	.629	1,445
1934	1,027,426	1,541,313	1,007,702	2,393,899	1,519,352	2,375.6	.635	1,508
1935	1,013,654	1,666,229	994,371	2,397,353	1,643,879	2,410.9	.686	1,653
1936	1,086,405	1,873,819	1,065,624	2,675,345	1,848,636	2,510.6	.691	1,735
1937	1,136,912	2,013,677	1,114,663	2,799,539	1,985,447	2,511.6	.709	1,781
1938	958,280	1,771,083	939,171	2,329,606	1,746,141	2,480.5	.750	1,859
1939	1,006,711	1,889,130	987,675	2,488,635	1,863,334	2,519.7	.749	1,887
1940	1,045,738	1,990,631	1,026,848	2,615,905	1,964,125	2,547.5	.751	1,913
1941	1,159,025	2,360,369	1,139,925	2,989,788	2,331,650	2,622.8	.780	2,045
1942	1,290,818	2,966,062	1,270,687	3,440,957	2,932,070	2,708.0	.852	2,307
1943	1,374,518	3,556,189	1,355,114	3,816,420	3,520,926	2,816.3	.923	2,598
1944	1,434,167	3,897,755	1,414,776	3,996,873	3,857,957	2,825.1	.965	2,727
1945	1,438,545	3,900,928	1,419,505	3,979,637	3,862,001	2,803.5	.970	2,721
1946	1,377,700	4,213,530	1,359,263	3,632,338	4,170,767	2,672.3	1.148	3,068
1947	1,370,510	4,399,296	1,351,863	3,613,296	4,352,047	2,672.8	1.204	3,219
1948	1,345,076	4,820,747	1,326,597	3,545,081	4,768,828	2,672.3	1.345	3,595

[1] Calculated for all classes of employees, including those not paid on an hourly basis.

Source: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 612.—Steam Railways (Class I)—Number and Compensation of Employees, by Districts and by Class: 1947 and 1948

[For years ending Dec. 31. Includes class I switching and terminal companies]

District or class	Average number of employees		Total compensation (1,000 dollars)		Average per day or hour, straight time		Average per month, total compensation	
	1947	1948	1947	1948	1947	1948	1947	1948
DISTRICT								
All employees, all districts	1,397,407	1,373,031	4,502,182	4,942,114				
Daily basis	98,668	98,734	431,036	471,282	$13.37	$14.56	$364	$398
Hourly basis	1,298,739	1,274,297	4,071,146	4,470,832	1.127	1.263	261	292
Eastern district	583,093	569,370	1,901,825	2,083,709				
Daily basis	42,439	42,368	181,266	198,004	13.17	14.36	356	389
Hourly basis	540,654	527,002	1,720,559	1,885,705	1.159	1.294	265	298
Southern district	274,236	268,799	853,566	932,226				
Daily basis	18,658	18,774	85,264	93,736	13 86	15.11	381	416
Hourly basis	255,578	250,025	768,302	838,490	1.088	1.226	251	279
Western district	540,078	534,862	1,746,791	1,926,179				
Daily basis	37,571	37,592	164,506	179,542	13.35	14.51	365	398
Hourly basis	502,507	497,270	1,582,285	1,746,637	1.114	1.248	262	293
CLASS								
Executives, officials, and staff assistants	15,745	16,077	113,519	123,605				
Daily basis	15,745	16,077	113,519	123,605	22.51	23.89	601	641
Professional, clerical, and general	231,452	227,511	719,018	781,225				
Daily basis	42,465	42,694	161,977	178,029	12 10	13.19	318	347
Hourly basis	188,987	184,817	557,041	603,196	1.133	1.255	246	272
Maintenance of way and structures	269,872	272,335	662,479	754,432				
Daily basis	4,595	4,674	19,964	22,031	13.44	14.49	362	393
Hourly basis	265,277	267,661	642,515	732,401	.956	1.078	202	228
Maintenance of equipment and stores	381,524	376,431	1,198,361	1,306,924				
Daily basis	11,950	11,874	54,449	58,491	13.30	14.39	380	410
Hourly basis	369,574	364,557	1,143,912	1,248,433	1.143	1.268	258	285
Transportation (other than train service, engine, and yard)	178,809	168,704	518,079	548,058				
Daily basis	17,247	16,709	48,523	53,281	7.99	9.00	234	266
Hourly basis	161,562	151,995	469,556	494,777	1.053	1.184	242	271
Transportation (yardmasters, switch tenders, and hostlers)	18,394	18,153	74,435	82,959				
Daily basis	6,666	6,706	32,604	35,845	13.55	14.80	408	445
Hourly basis	11,728	11,447	41,831	47,114	1.140	1.321	297	343
Transportation (train and engine service)	301,611	293,820	1,216,291	1,344,911				
Hourly basis	301,611	293,820	1,216,291	1,344,911	1.307	1.486	336	381

Source: Interstate Commerce Commission; annual report, Wage Statistics of Class I Steam Railways in the United States.

No. 613.—Steam-Railway Accidents—Number of Persons Killed and Injured, by Status: 1891 to 1948

[For various reasons, including fact that returns were required under different acts, statistics are not strictly comparable. Prior to 1921, train accidents were those causing damage to railway property in excess of $150 or any damage and a resulting casualty. Thereafter they were considered as such when damage exceeded $150 with or without a casualty. Where damage is less than $150 and there is a reportable casualty it is classified as a train-service accident. Figures for years 1911–15 include industrial and other nontrain accidents to employees only, and for years 1908–10 exclude switching and terminal roads. Otherwise, data cover all reportable accidents, including those due to suicide, mental derangement, and attempting to escape custody. See also *Historical Statistics*, series K 84–93]

YEARLY AVERAGE OR YEAR ENDING—	TOTAL		PASSENGER [1]		EMPLOYEES [2]		OTHER PERSONS		TRESPASSERS	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
June 30:										
1891–1895	6,821	35,313	292	2,967	2,315	27,051	595	1,283	3,618	4,011
1896–1900	6,946	42,248	222	3,237	2,054	32,793	634	1,547	4,036	4,672
1901–1905	9,326	72,943	392	7,894	3,249	57,209	891	2,793	4,795	5,047
1906–1910	10,210	105,617	385	11,625	3,572	83,502	994	4,830	5,258	5,660
1911–1915	10,174	174,941	273	13,382	3,273	148,640	1,262	6,836	5,366	6,083
Dec. 31:										
1916–1920	8,662	176,693	304	7,419	2,855	157,523	2,074	8,460	3,429	3,291
1921–1925	6,618	141,688	173	5,578	1,654	123,790	2,225	9,420	2,566	2,901
1926–1930	6,623	89,543	101	3,667	1,395	73,522	2,606	9,822	2,521	2,532
1931–1935	5,127	29,834	38	1,995	589	18,222	1,811	6,529	2,688	3,087
1936–1940	4,987	31,292	56	2,533	613	19,765	1,866	6,883	2,452	2,111
1941–1945	5,060	53,813	174	4,274	989	41,223	2,059	7,038	1,838	1,278
1940	4,740	29,606	83	2,597	583	18,350	1,979	6,886	2,095	1,773
1941	5,191	37,829	48	3,009	807	25,866	2,141	7,378	2,195	1,576
1942	5,337	48,123	122	3,501	1,005	36,032	2,197	7,237	2,013	1,353
1943	5,051	60,348	278	5,166	1,072	46,971	1,946	7,076	1,755	1,135
1944	4,908	61,251	267	4,854	1,087	48,613	1,958	6,632	1,596	1,152
1945	4,812	61,515	156	4,840	972	48,632	2,052	6,870	1,632	1,173
1946	4,508	52,026	128	4,714	738	39,472	1,971	6,670	1,671	1,170
1947	4,285	48,819	79	4,246	791	36,880	1,903	6,502	1,512	1,191
1948	3,883	43,107	59	3,607	622	31,961	1,726	6,409	1,476	1,130

[1] Data cover passengers on trains and travelers not on trains. Casualties sustained in nontrain accidents included with "other persons."

[2] Prior to 1921 casualties sustained by employees not on duty in nontrain accidents included with "other persons."

Source: Interstate Commerce Commission, annual report, Accident Bulletin—Steam Railways.

No. 614.—Accidents at Highway Grade Crossings (All Steam Railways)—Automobile and Total Casualties: 1934 to 1948

[Excludes casualties due to suicide, mental derangement, and attempting to escape custody. See also headnote table 613]

YEAR	Number of accidents	ALL PERSONS		ACCIDENTS WHICH INVOLVED AUTOMOBILES		
		Number killed	Number injured	Persons killed	Persons injured	Total casualties per 10,000 automobiles registered
1934	3,728	1,554	4,300	1,320	4,099	2.17
1935	3,933	1,680	4,658	1,442	4,434	2.24
1936	4,277	1,786	4,930	1,519	4,662	2.19
1937	4,489	1,875	5,136	1,607	4,904	2.19
1938	3,494	1,517	4,018	1,307	3,783	1.73
1939	3,476	1,398	3,999	1,190	3,744	1.61
1940	4,104	1,808	4,632	1,576	4,430	1.88
1941	4,320	1,931	4,885	1,679	4,667	1.85
1942	4,150	1,970	4,616	1,621	4,386	1.84
1943	3,781	1,732	4,217	1,378	3,944	1.74
1944	3,811	1,840	4,216	1,512	3,983	1.83
1945	4,100	1,903	4,446	1,577	4,126	1.86
1946	4,001	1,851	4,397	1,558	4,137	1.68
1947	4,015	1,790	4,251	1,521	4,055	1.49
1948	3,964	1,612	4,255	1,355	4,054	1.33

Source: Interstate Commerce Commission, annual report, Statistics of Railways in the United States.

No. 615.—The Alaska Railroad—Summary of Passenger and Freight Services: Years Ending June 30, 1948 and 1949

ITEM	1948	1949	ITEM	1948	1949
Road mileage operated—monthly average	513	536	FREIGHT TRAFFIC		
PASSENGER TRAFFIC			Freight-train miles	677,207	474,619
Passenger-train miles [1]	253,749	263,724	Loaded cars, 1 mile, freight and mixed trains	8,383,000	6,143,000
Passenger-car miles, passenger trains [1]	627,187	654,321	Empty cars, 1 mile, freight and mixed trains	6,597,000	4,378,000
Total revenue passengers carried	79,015	95,772	All cars, 1 mile	14,980,000	10,521,000
Revenue passengers carried 1 mile	9,523,925	10,645,247	Tons of revenue freight carried:		
Total passenger revenue	$505,878	$502,818	Coal	299,935	322,713
Average revenue per passenger per mile	$0.05311	$0.04720	Miscellaneous	600,420	440,554
			Tons of revenue freight carried 1 mile	190,090,000	132,003,000
			Total freight revenue	$13,741,080	$8,642,066
			Average revenue per ton per mile	$0.07229	$0.06547

[1] Including motor miles.

Source: Department of the Interior, Division of Territories and Island Possessions.

No. 616.—Electric Railways—Summary: 1890 to 1937

[The census of street railways, which was first taken in 1890, and which has been taken at quinquennial intervals through 1937 beginning with the inquiry for 1902, covers (1) all street railways, without regard to kind of motive power, and (2) all interurban railways using other than steam as motive power. The nonelectric railroads included are those operated principally by cable and gasoline engines. Operations of electrified divisions of steam-railway companies are not included. Figures in this table do not include data for motorbus and trolley-bus operations of electric street railways. (For motorbus and trolley-bus statistics from census reports, see source)]

ITEM	1890	1902	1912	1922	1927	1932	[1] 1937
Number of companies	789	987	1,260	[2] 1,200	[2] 963	[2] 706	[2] 478
Miles of line operated [3]	5,783	16,645	30,438	31,264	27,948	20,110	14,214
Miles of all track operated [3]	8,123	22,577	41,065	43,932	40,722	31,548	23,770
Value of road and equipment (thousand dollars)	389,357	2,167,634	4,596,563	5,058,762	([4])	4,143,381	4,399,768
Number of employees [5]	70,764	140,769	282,461	300,119	264,575	[6] 182,165	152,476
Number of passenger cars	32,505	60,290	76,162	77,301	70,309	59,692	44,864
Revenue passengers, including paytransfer (thousands)	2,023,010	4,774,212	9,545,555	12,666,558	12,174,592	[7] 7,955,981	7,485,290
Operating revenues (thousand dollars) [8]	90,617	247,554	567,512	1,016,719	927,774	566,290	513,129
Operating expenses (thousand dollars) [8]	62,011	142,313	332,896	727,795	694,460	442,607	406,119
Operating ratio (percent)	68.4	57.5	58.7	71.6	74.9	78.2	79.1

[1] Excludes data for 22 companies, operating on a part-year basis. These companies reported 36,810,221 passengers; 9,108,009 car-miles; 1,042,866 car-hours; $2,388,295, operating revenue; and $2,412,010, operating expense.

[2] Includes certain companies in Pennsylvania which maintained separate organizations, though controlled through stock ownership by other companies. For 1912 these companies were treated as merged and not included in the number reported.

[3] Includes small mileage of track lying outside United States.

[4] Data incomplete. Some of the companies engaged in both light-and-power and electric-railway operations were unable to report separately the values of plant and equipment assignable to their railway activities.

[5] Number reported as of June 30, for 1890, 1922, 1927, and 1932; for 1902, average for the year; for 1912, as of Sept. 16. Figures for 1937 represent an average of numbers reported on June 30 and Dec. 31.

[6] Includes 334 trolley-bus operators.

[7] Includes 29,721,000 trolley-bus passengers.

[8] Includes auxiliary operating revenues of $8,905,000 for 1927 and $91,242,000 for 1922; auxiliary expenses, $7,822,000 for 1927, and $49,232,000 for 1922. Data for operating revenues and operating expenses of auxiliary operations excluded so far as possible for earlier years.

Source: Department of Commerce, Bureau of the Census; Census of Electrical Industries, report on Street Railways and Trolley-Bus and Motorbus Operations. Survey discontinued.

No. 617.—Express Companies—Income Account: 1921 to 1948

[In thousands of dollars. Mileage operated by Railway Express Agency, Inc., 1948: Total, 318,711; steam road, 194,536; electric line, 1,708; steamboat line, 15,828; motor carrier, 16,335; airplane, 90,304]

CALENDAR YEAR	Receipts for transportation	Paid for express privileges	Total operating revenues [1]	Operating expenses	Net operating revenues	Express taxes	Operating income [2]	Other income	Net income [3]
American Railway Express Co.:									
1921	294,664	113,491	184,897	182,265	2,631	2,095	508	2,074	2,309
1925	290,303	143,832	149,715	146,433	3,282	2,059	1,195	1,088	2,184
1929 [4]	41,104	18,554	23,083	22,560	523	327	193	193	381
Railway Express Agency, Inc.:									
1929 [5]	242,216	127,591	117,628	115,535	2,093	1,343	734	687	20
1935	138,751	53,170	88,068	84,899	3,169	1,548	1,603	148	4
1937	160,788	58,009	105,390	100,441	4,955	3,395	1,528	167	22
1938	155,590	50,478	107,640	98,827	8,813	6,401	2,394	173	731
1939	167,179	57,803	111,976	104,158	7,818	6,967	831	192	2
1940	176,521	59,063	119,957	111,478	8,479	7,539	907	178	4
1941	195,696	63,117	135,262	125,638	9,624	8,488	1,106	225	188
1942	260,259	107,708	155,306	144,448	10,858	9,785	1,055	320	191
1943	350,215	146,042	207,545	193,590	13,955	13,074	861	433	66
1944	400,865	150,088	254,734	238,017	16,717	15,518	1,172	349	219
1945	437,139	157,075	284,428	266,960	17,468	16,724	712	372	[6] *228*
1946	427,341	106,814	326,230	305,483	20,747	19,841	876	411	[6] *57*
1947	436,683	129,315	312,981	288,136	24,845	24,187	623	451	[6] *329*
1948	419,973	130,254	294,833	276,557	18,276	17,858	379	1,178	55
Southeastern Express Co.:									
1921 [7]	4,374	1,649	2,781	2,719	61	25	37	10	47
1925	8,041	3,912	4,241	4,086	155	86	67	20	87
1929	8,007	3,900	4,244	4,098	146	110	35	38	73
1935	5,520	2,234	3,406	3,250	156	96	57	3	60
1936	6,270	2,484	3,903	3,705	198	140	57	---	57
1937	6,102	1,997	4,221	3,930	291	242	48	1	49
1938 [8]	3,122	746	2,436	2,270	166	158	6	1	

[1] Includes revenues from sources other than transportation.
[2] Deducting, besides taxes, a small amount of uncollectible revenue.
[3] Sum of 2 preceding columns less deductions.
[4] Result of operations for 2 months ended Feb. 28, 1929, when taken over by Railway Express Agency, Inc.
[5] Result of operations for 10 months ended Dec. 31, 1929.
[6] Deficit.
[7] Result of operations for 8 months ended Dec. 31, 1921.
[8] Result of operations for 7 months ended July 31, 1938, when taken over by Railway Express Agency, Inc.

No. 618.—Pullman Company—Summary of Operations: 1910 to 1948

[All money figures in thousands of dollars]

YEAR ENDING—	Total revenues, car operations	Association and contract revenues, debit [1]	EXPENSES, CAR OPERATIONS		Net revenues, car operation	Operating income	REVENUE PASSENGERS CARRIED	
			Total	Conducting car operations			Thousands	Number per car-day
June 30:								
1910	35,334	959	23,962	(2)	11,372	13,151	20,203	14
1915	38,723	2,421	26,633	11,716	12,090	10,816	24,252	12
Dec. 31:								
1920	72,124	13,155	61,031	30,805	11,093	9,304	39,255	16
1925	80,198	8,873	63,513	32,247	16,685	12,546	35,526	12
1930	76,234	5,534	68,960	35,379	7,274	4,937	29,360	9
1935	48,428	2,683	49,077	19,720	[3] *649*	[3] *1,647*	15,479	9
1939	58,524	3,946	52,895	21,943	5,629	2,176	15,655	8
1940	57,962	2,131	51,942	21,940	6,020	2,266	14,765	8
1941	64,548	3,133	58,561	25,149	5,987	1,855	16,911	9
1942	95,875	13,570	72,531	36,169	23,344	9,151	26,063	11
1943	120,529	26,888	92,766	50,107	27,763	5,553	32,632	13
1944	141,288	19,080	107,998	60,922	33,290	10,721	35,838	13
1945	142,578	13,647	117,885	60,361	24,693	9,045	31,484	12
1946	131,692	2,360	118,694	62,841	12,998	4,780	25,948	11
1947	110,260	3,680	104,946	51,611	5,314	[3] *1,008*	21,012	13
1948	110,272	5,364	99,438	51,669	10,834	3,734	18,650	12

[1] Amounts due other carriers under provisions of definite contracts. [2] Not separated. [3] Deficit.

Source of tables 617 and 618: Interstate Commerce Commission; annual report, Statistics of Railways in the United States.

No. 619.—Transit Industry—Summary: 1930 to 1948

[Represents entire transit industry comprising all organized local passenger transportation agencies except taxicabs and suburban railroads. Based on financial and statistical reports received by American Transit Association from transit companies representing 85 to 95 percent of the industry]

ITEM	1930	1935	1940	1944	1945	1946	1947	1948
Miles of route operated (Dec. 31):								
Electric railway—miles of single track	35,400	26,700	19,600	18,112	17,732	16,742	15,002	12,993
Surface	34,320	25,470	18,360	16,860	16,480	15,490	13,750	11,742
Subway and elevated	1,080	1,230	1,240	1,252	1,252	1,252	1,252	1,251
Trolley coach—miles of negative overhead wire	146	548	1,925	2,302	2,370	2,411	2,809	3,017
Motorbus—miles of route round trip	60,900	58,100	78,000	87,700	90,400	91,150	95,350	96,473
Passenger vehicles owned (Dec. 31), total	86,263	74,844	75,464	89,360	90,283	90,525	92,600	91,615
Electric railway cars	64,790	50,466	37,662	37,399	36,897	34,159	30,977	27,367
Surface	55,150	40,050	26,630	27,180	26,680	24,730	21,607	17,911
Subway and elevated	9,640	10,416	11,032	10,219	10,217	9,429	9,370	9,456
Trolley coaches	173	578	2,802	3,561	3,716	3,916	4,706	5,708
Motorbusses	21,300	23,800	35,000	48,400	49,670	52,450	56,917	58,540
Investment (Dec. 31), total (millions)	(1)	(1)	$4,096	$4,271	$4,262	$4,187	$4,077	$3,900
Electric railway	(1)	(1)	3,588	3,646	3,620	3,508	3,330	3,111
Surface	(1)	(1)	1,574	1,596	1,570	1,457	1,279	1,060
Subway and elevated	(1)	(1)	2,014	2,050	2,050	2,051	2,051	2,051
Trolley coach	(1)	(1)	58	73	76	80	96	118
Motorbus	(1)	(1)	450	552	566	599	651	671
Operating revenues, total (millions)	$963	$681	$737	$1,362	$1,380	$1,397	$1,391	$1,489
Electric railway	803	520	456	709	709	701	667	666
Surface	649	388	327	562	558	540	508	472
Subway and elevated	154	132	129	147	151	161	159	194
Trolley coach	2	5	25	68	68	72	77	91
Motorbus	158	156	256	585	603	624	647	732
Vehicle miles operated, total (millions)	2,707	2,327	2,596	3,284	3,254	3,304	3,342	3,311
Electric railway	1,995	1,544	1,316	1,439	1,398	1,353	1,301	1,157
Surface	1,540	1,097	845	978	940	894	839	699
Subway and elevated	455	447	471	461	458	459	462	458
Trolley coach	6	19	86	132	133	144	155	178
Motorbus	706	764	1,194	1,713	1,723	1,807	1,886	1,976
Passengers carried, total (millions)	15,567	12,226	13,098	23,017	23,254	23,372	22,540	21,368
Electric railway	13,072	9,512	8,325	12,137	12,124	11,862	10,852	9,112
Surface	10,513	7,276	5,943	9,516	9,426	9,027	8,096	6,506
Subway and elevated	2,559	2,236	2,382	2,621	2,698	2,835	2,756	2,606
Trolley coach	16	96	534	1,234	1,244	1,311	1,356	1,528
Motorbus	2,479	2,618	4,239	9,646	9,886	10,199	10,332	10,728
Revenue passengers carried, total (millions)	12,528	9,782	10,504	18,735	18,982	19,119	18,287	17,312
Electric railway	10,346	7,408	6,465	9,652	9,636	9,454	8,589	7,213
Surface	7,782	5,156	4,183	7,169	7,081	6,769	5,980	4,740
Subway and elevated	2,564	2,252	2,282	2,483	2,555	2,685	2,609	2,473
Trolley coach	13	77	419	987	1,001	1,050	1,073	1,206
Motorbus	2,169	2,297	3,620	8,096	8,345	8,615	8,625	8,893
Number of employees (average), total	276,444	209,200	202,400	242,000	242,000	261,000	266,000	261,000
Electric railway	247,244	164,400	122,500	132,300	129,200	125,300	121,000	109,000
Trolley coach	400	1,300	6,400	8,100	8,500	9,800	11,000	14,000
Motorbus	28,800	43,500	73,500	101,600	104,300	125,900	134,000	138,000
Pay roll, total (millions)	$479	$321	$360	$599	$632	$713	$790	$829

[1] Not available.

Source: American Transit Association, New York, N. Y.; annual report, Transit Fact Book.

No. 620.—Class I Intercity Motor Carriers of Property—Summary of Financial and Operating Statistics: 1943 to 1947

[**All money figures, except average revenue and expense per vehicle-mile, in thousands of dollars.** Covers common and contract carriers with average annual operating revenues of $100,000 or more engaged wholly or preponderantly in intercity service subject to general jurisdiction of I. C. C.]

ITEM	1943	1944	1945	1946	1947
Number of carriers reporting	1,165	1,337	1,445	1,516	1,603
Investment in carrier operating property	**198,392**	**231,493**	**258,578**	**314,561**	**398,769**
Less reserve for depreciation and amortization	110,098	126,071	134,905	143,703	168,639
Net investment in carrier operating property	88,294	105,422	123,673	170,858	230,130
Income statement:					
Operating revenue, total	645,673	710,910	746,394	883,806	1,232,546
Common carrier	587,487	643,144	675,678	805,457	1,123,814
Contract carrier	46,747	52,811	53,992	59,489	78,164
Other operating revenue	11,439	14,955	16,724	18,860	30,568
Expenses, total	625,796	695,820	745,002	852,292	1,174,211
Operation and maintenance expenses	493,894	552,315	588,140	666,741	1,032,719
Equipment maintenance and garage	99,173	120,102	130,557	132,337	148,638
Transportation	161,275	182,339	192,345	217,618	437,503
Terminal	118,461	124,932	133,801	168,851	255,095
Sales, tariff, and advertising	17,387	17,654	18,538	21,938	28,075
Insurance and safety	35,711	40,347	43,222	51,057	71,116
Administrative and general	61,887	66,941	69,677	74,940	92,292
Depreciation and amortization [1]	23,174	25,577	28,348	31,873	44,761
Operating taxes and licenses [2]	43,221	46,859	49,901	54,489	64,116
Operating rents, net	65,507	71,069	78,613	99,189	32,615
Operating ratio (percent expenses of operating revenue)	96.9	97.9	99.8	96.4	95.3
Net operating revenue	19,877	15,090	1,392	31,514	58,335
Other income, less income deductions	*1,027*	*80*	499	*1,784*	3,529
Net income before income taxes	18,729	14,895	1,656	30,048	54,429
Net income after income taxes	9,438	7,778	*2,227*	21,020	37,012
Dividend appropriations and withdrawals [3]	9,463	10,300	10,473	9,491	12,590
Number and compensation of employees:					
All employees:					
Number	130,099	130,495	132,904	145,942	157,590
Compensation	290,760	319,042	335,403	391,544	474,403
Equipment maintenance and garage:					
Number	10,612	11,545	11,873	12,423	13,626
Compensation	24,509	30,018	31,765	34,723	41,792
Transportation:					
Drivers and helpers: [4]					
Number	44,719	47,199	48,193	53,316	51,120
Compensation	105,672	119,707	125,525	146,104	161,305
Others:					
Number	3,665	2,968	3,069	3,063	3,406
Compensation	9,685	9,523	10,319	10,802	13,067
Terminal:					
Number	[5] 52,622	[5] 50,353	[5] 51,496	[5] 58,819	[5] 68,914
Compensation	[5] 100,550	[5] 106,484	[5] 112,923	[5] 140,413	[5] 185,238
Sales, tariff, and advertising:					
Number	3,543	3,155	3,087	3,351	3,825
Compensation	9,987	9,628	9,808	11,693	14,537
Administrative and general:					
General officers:					
Number	2,323	2,562	2,723	2,799	3,063
Compensation	19,060	20,310	20,769	22,334	26,792
Others, including insurance and safety:					
Number	12,615	12,713	12,463	12,171	13,636
Compensation	21,207	23,372	24,294	25,475	31,672
Operating statistics and averages:					
Owned revenue vehicles, total	88,773	97,729	100,165	112,300	127,912
Trucks	19,278	19,930	19,610	20,727	22,233
Truck-tractors	29,542	33,124	33,534	36,308	41,582
Semitrailers	37,302	41,901	44,081	52,274	60,804
Full trailers	2,651	2,774	2,940	2,991	3,293
Intercity vehicle-miles (millions)	2,006	2,132	2,165	2,407	3,059
Tons of intercity revenue freight carried [6] (thousands)	95,918	105,134	108,017	112,268	135,426
Miles per owned vehicle	45,079	44,531	43,385	46,147	47,461
Revenue per vehicle-mile (intercity)	$0.316	$0.326	$0.337	$0.359	$0.393
Expense per vehicle-mile (intercity) [7]	$0.312	$0.326	$0.344	$0.354	$0.384

[1] Amortization represents a very small part of this total.
[2] Does not include Federal or State income taxes.
[3] Withdrawals of sole proprietors and partners.
[4] Does not include drivers of equipment engaged by these carriers to perform "purchased transportation."
[5] Includes collection and delivery employees as follows: 1943, 21,180, compensation, $44,402,000; 1944, 21,111, compensation, $48,778,000; 1945, 21,444, compensation, $51,441,000; 1946, 24,630, compensation, $63,353,000; 1947, 29,090, compensation, $83,370,000.
[6] Includes duplications on account of tonnage received from connecting motor carriers.
[7] Basic figures include expenses of operating vehicles in intercity and local services; these expenses are not separable. Comparisons of revenue and expense per intercity vehicle-mile are therefore subject to qualification.

Source: Interstate Commerce Commission; annual report, Statistics of Class I Motor Carriers.

No. 621.—Class I Intercity Motor Carriers of Property—Selected Operating Statistics, by Regions: 1943 to 1947

[See headnote, table 620. Regions: 1, Conn., Maine, Mass., N. H., R. I., Vt.; 2, Del., D. C., Md., N. J., N. Y., Pa., W. Va.; 3, Ill., Ind., Mich. (Lower Pen.), Ohio; 4, Ala., Fla., Ga., Ky., Miss., N. C., S. C., Tenn., Va.; 5, Mich. (Upper Pen.), Minn., N. Dak., S. Dak., Wis.; 6, Iowa, Kans., Mo., Nebr.; 7, Ark., La., Okla., Tex.; 8, Colo., Idaho, Mont., N. Mex., Utah, Wyo.; 9, Ariz., Calif., Nev., Oreg., Wash.]

Region and year	Number of carriers reporting	Operating revenue (thousands)	Total expenses (thousands)	Owned revenue vehicles [1]	
				Trucks	Truck-tractors
Total:					
1943	1,165	$645,673	$625,796	19,278	29,542
1944	1,337	710,910	695,820	19,930	33,124
1945	1,445	746,394	745,002	19,610	33,534
1946	1,516	883,806	852,202	20,727	36,308
1947	1,603	1,232,546	1,174,211	22,233	41,582
1. New England:					
1943	118	46,982	45,845	2,109	2,082
1944	132	50,765	49,841	2,127	2,489
1945	141	54,594	54,110	2,047	2,588
1946	150	65,270	62,057	2,139	2,921
1947	167	81,243	77,688	2,218	3,494
2. Middle Atlantic:					
1943	293	113,206	109,355	3,332	5,430
1944	332	145,477	142,424	3,728	7,304
1945	357	150,177	149,500	3,611	7,539
1946	393	179,472	174,043	4,073	8,478
1947	397	243,466	231,553	4,303	9,807
3. Central:					
1943	286	201,159	196,888	3,472	9,711
1944	324	218,116	212,869	3,388	10,525
1945	348	223,515	222,408	3,387	10,326
1946	346	272,203	259,846	3,265	10,919
1947	392	410,216	393,751	3,532	12,346
4. Southern:					
1943	120	92,469	92,050	2,577	5,089
1944	143	79,465	78,559	2,238	4,152
1945	152	83,473	84,285	1,973	4,086
1946	167	91,554	88,731	2,052	4,186
1947	173	116,698	110,723	2,203	4,629
5. Northwestern:					
1943	52	28,023	26,898	846	1,492
1944	64	33,025	32,495	949	1,775
1945	69	34,893	34,816	955	1,834
1946	67	42,911	41,934	1,080	2,073
1947	68	58,060	56,346	1,166	2,244
6. Midwestern:					
1943	63	34,723	34,116	926	1,562
1944	73	37,476	37,531	1,002	1,734
1945	77	37,600	38,043	1,017	1,782
1946	89	49,052	47,057	1,192	2,167
1947	95	70,058	66,977	1,248	2,565
7. Southwestern:					
1943	91	51,417	47,091	2,291	2,592
1944	109	58,733	56,482	2,495	3,149
1945	124	64,988	64,354	2,387	3,106
1946	122	72,814	70,270	2,537	3,184
1947	112	90,643	84,443	2,590	3,337
8. Rocky Mountain:					
1943	24	12,285	11,539	496	274
1944	29	14,870	14,655	534	336
1945	31	16,890	16,893	554	316
1946	36	22,200	21,609	667	438
1947	44	44,651	40,939	909	929
9. Pacific:					
1943	118	65,409	62,014	3,229	1,313
1944	131	72,983	70,964	3,469	1,660
1945	146	80,264	80,593	3,679	1,950
1946	146	88,330	86,745	3,722	1,942
1947	155	117,511	111,791	4,064	2,231

For footnotes, see p. 517.

No. 621.—Class I Intercity Motor Carriers of Property—Selected Operating Statistics, by Regions: 1943 to 1947—Continued

Region and year	Owned revenue vehicles [1]—con.		Vehicle-miles, total intercity service (thousands)	Freight revenue per intercity vehicle-mile	Employees [2]	
	Semi-trailers	Full trailers			Average number	Compensation (thousands)
Total:						
1943	37,302	2,651	2,006,439	$0.316	130,099	$290,760
1944	41,901	2,774	2,132,121	.326	130,495	319,042
1945	44,081	2,940	2,164,808	.337	132,904	335,403
1946	52,274	2,991	2,406,622	.359	145,942	391,544
1947	60,804	3,293	3,059,474	.393	157,590	474,403
1. New England:						
1943	2,748	2	110,964	.410	9,457	24,257
1944	3,201	4	117,833	.417	9,385	25,577
1945	3,399	7	122,697	.430	9,763	27,539
1946	4,330	28	132,828	.472	11,066	32,201
1947	5,064	33	151,220	.514	12,192	37,996
2. Middle Atlantic:						
1943	6,783	34	308,708	.360	21,798	50,112
1944	9,277	28	369,650	.387	26,572	67,268
1945	9,701	45	377,021	.390	26,935	69,256
1946	11,466	29	419,274	.418	30,711	82,074
1947	13,295	39	513,177	.461	32,740	99,457
3. Central:						
1943	13,536	780	675,629	.293	38,855	89,795
1944	14,522	872	696,778	.307	38,836	98 106
1945	14,787	783	701,878	.312	39,278	101,852
1946	17,348	665	822,264	.326	42,979	118,121
1947	20,288	760	1,142,951	.352	46,052	144,125
4. Southern:						
1943	5,688	58	301,482	.305	21,841	42,674
1944	4,583	17	284,626	.277	15,963	32 087
1945	4,776	17	277,428	.298	15,810	33,588
1946	5,520	37	279,141	.324	15,903	37,048
1947	6,347	36	329,302	.349	16,145	41,304
5. Northwestern:						
1943	1,724	3	86,793	.316	6,193	13,385
1944	2,021	4	105,108	.308	6,778	16,000
1945	2,183	4	104,281	.328	6,990	16,708
1946	2,684	4	118,560	.356	8,008	21,086
1947	2,955	1	133,947	.426	8,917	26,204
6. Midwestern:						
1943	1,785	11	138,524	.247	7,029	15,247
1944	1,975	32	137,704	.268	6,845	16,282
1945	2,078	26	128,284	.289	6,861	16,103
1946	2,804	61	152,630	.316	8,213	20,732
1947	3,322	57	191,731	.359	9,450	26,808
7. Southwestern:						
1943	2,833	16	178,766	.282	11,847	21,123
1944	3,541	18	194,778	.292	12,564	25,042
1945	3,755	82	212,069	.296	13,330	28,280
1946	4,284	80	220,947	.318	13,705	32,237
1947	4,488	78	244,587	.355	13,705	36,079
8. Rocky Mountain:						
1943	321	144	40,699	.298	2,175	4,910
1944	415	162	47,541	.309	2,498	6,042
1945	518	185	49,204	.339	2,564	6,675
1946	664	273	62,736	.349	3,280	8,881
1947	1,377	221	112,635	.390	5,021	15,677
9. Pacific:						
1943	1,884	1,603	164,874	.387	10,904	29,257
1944	2,366	1,637	178,103	.394	11,054	32,638
1945	2,884	1,791	191,946	.404	11,373	35,402
1946	3,174	1,814	198,242	.435	12,077	39,164
1947	3,668	2,068	239,924	.476	13,368	46,753

[1] Excludes equipment used under lease, including operations conducted under "purchased transportation arrangements."

[2] Excludes drivers of equipment engaged by these carriers to perform "purchased transportation" service.

Source: Interstate Commerce Commission; annual report, Statistics of Class I Motor Carriers.

No. 622.—Class I Intercity Motor Carriers of Passengers—Summary of Financial and Operating Statistics: 1943 to 1947

[**All money figures, except average fare and average revenue and expense per vehicle-mile, in thousands of dollars.** Covers carriers with average annual operating revenues of $100,000 or more engaged wholly or preponderantly in intercity service subject to jurisdiction of Interstate Commerce Commission. This table does not include carriers subject to the Commission's jurisdiction engaged wholly or preponderantly in local or suburban service or carriers engaged in transportation of both property and passengers]

ITEM	1943	1944	1945	1946	1947
Number of carriers reporting	157	194	231	254	253
Investment in carrier operating property	**136,618**	**132,078**	**153,477**	**174,455**	**226,368**
Less reserve for depreciation and amortization	79,185	70,918	81,103	91,209	99,643
Net investment in carrier operating property	57,433	61,160	72,374	83,246	126,725
Income statement:					
Operating revenue, total	344,007	374,667	377,933	380,627	367,424
Passenger revenue [1]	332,906	362,297	364,769	365,103	348,707
Special bus revenue	4,439	5,464	5,381	6,641	8,404
Other operating revenue	6,662	6,906	7,783	8,883	10,313
Expenses, total	213,779	245,403	264,934	299,217	312,517
Operation and maintenance expenses	167,677	196,610	214,224	246,992	257,756
Depreciation and amortization [2]	16,150	16,254	17,336	17,720	19,853
Operating taxes and licenses [3]	23,829	26,054	26,846	28,574	29,272
Operating rents, net	6,123	6,485	6,528	5,931	5,636
Operating ratio (percent expenses of operating revenue)	62 1	65 5	70.1	78.6	85.1
Net operating revenue	130,228	129,264	112,999	81,410	54,907
Other income, less income deductions	*1,929*	1,267	*2,076*	1,678	129,521
Net income before income taxes	127,951	129,966	110,364	82,604	54,765
Net income after income taxes	36,651	36,282	32,246	50,414	33,494
Dividend appropriations and withdrawals [4]	16,947	20,222	18,599	31,795	21,250
Number of employees and compensation:					
All employees:					
Number	37,225	40,092	42,394	46,587	45,820
Compensation	84,550	100,933	108,394	129,185	136,123
Equipment maintenance and garage:					
Number	8,851	9,770	10,467	12,028	11,639
Compensation	19,556	23,959	25,752	31,316	31,665
Transportation:					
Drivers of passenger revenue vehicles:					
Number	15,768	16,760	17,560	19,298	19,494
Compensation	39,200	46,811	49,065	59,333	65,065
Others:					
Number	1,360	1,621	1,698	1,829	1,816
Compensation	4,120	4,943	5,503	6,225	6,520
Station:					
Number	6,318	6,703	7,163	7,581	7,079
Compensation	9,799	11,714	12,560	15,005	15,243
Traffic, solicitation, and advertising:					
Number	588	605	642	761	777
Compensation	1,563	1,716	1,934	2,383	2,629
Administrative and general:					
General officers:					
Number	381	455	516	566	574
Compensation	3,797	4,302	5,483	5,654	5,332
Others, including insurance and safety:					
Number	3,959	4,178	4,348	4,524	4,441
Compensation	6,515	7,488	8,097	9,269	9,669
Operating statistics and averages:					
Passenger vehicles owned [5]	11,000	12,019	12,865	13,168	14,149
Vehicle-miles of owned and leased passenger vehicles: [6]					
Regular route intercity service (thousands)	771,729	833,851	860,485	964,227	978,364
Special, charter, and sightseeing service (thousands)	12,793	14,893	15,113	17,620	22,274
Local and suburban service [7] (thousands)	47,342	56,170	54,963	60,798	55,732
Number of revenue passengers carried:					
Regular route intercity service (thousands)	394,129	429,917	434,614	433,730	412,332
Special, charter, and sightseeing service (thousands)	4,370	7,086	7,036	7,216	8,667
Local service (thousands)	102,751	132,628	122,794	121,014	108,454
Miles per vehicle [8]	68,925	71,781	71,429	77,677	76,655
Average fare per passenger, per carrier, intercity service	$0.806	$0.798	$0.793	$0.798	$0.802
Passenger revenue per vehicle-mile:					
Regular route intercity	.412	.411	.401	.359	.338
Special, charter, and sightseeing services	.368	.367	.356	.377	.377
Local service	.317	.343	.366	.315	.323
Expense per vehicle-mile	.257	.271	.285	.287	.296

[1] Regular route intercity and local revenue.
[2] Amortization represents a very small part of this total.
[3] Excludes Federal or State income taxes.
[4] Withdrawals, small in amount, of sole proprietors and partners.
[5] Total vehicles owned at close of year.
[6] Includes bus-miles of vehicles operated under "purchased transportation arrangements."
[7] Includes only service on local and suburban runs of preponderantly intercity carriers.
[8] Averages for owned and leased vehicles.

Source: Interstate Commerce Commission; annual report, Statistics of Class I Motor Carriers.

No. 623.—Class I Intercity Motor Carriers of Passengers—Selected Operating Statistics, by Regions: 1943 to 1947

[See headnote, table 622; for description of regions, see headnote, table 621]

Region and year	Number of carriers reporting	Operating revenue (thousands)	Total expenses (thousands)	Passenger vehicles	
				Intercity [1]	Total [2]
Total:					
1943	157	$344,007	$213,779	11,327	12,019
1944	194	374,667	245,403	11,808	12,895
1945	231	377,933	264,934	12,281	13,393
1946	254	380,627	299,217	12,558	13,636
1947	253	367,424	312,517	12,915	14,040
1. New England:					
1943	10	9,587	7,706	424	462
1944	16	12,768	10,510	587	626
1945	18	11,412	10,255	559	584
1946	18	10,274	9,682	495	513
1947	19	10,542	10,282	512	558
2. Middle Atlantic:					
1943	32	35,430	26,644	1,528	1,607
1944	34	38,428	29,701	1,540	1,663
1945	34	39,985	32,567	1,556	1,772
1946	41	45,322	38,638	1,749	2,001
1947	41	44,596	40,374	1,767	1,964
3. Central:					
1943	33	55,156	37,953	1,770	2,073
1944	35	58,013	41,442	1,769	2,044
1945	46	59,516	44,467	1,876	2,124
1946	46	64,643	52,085	2,007	2,268
1947	47	64,044	55,879	2,122	2,422
4. Southern:					
1943	32	99,982	60,949	3,172	3,361
1944	44	109,852	72,535	3,688	3,906
1945	53	113,114	78,789	3,926	4,133
1946	59	108,029	83,905	3,954	4,122
1947	60	101,529	85,260	3,916	4,162
5. Northwestern:					
1943	2	10,510	6,332	300	300
1944	5	12,594	7,355	336	336
1945	6	13,355	8,299	367	367
1946	9	14,535	10,031	426	430
1947	10	14,802	11,729	476	481
6. Midwestern:					
1943	7	15,556	8,982	457	460
1944	8	16,628	9,788	469	469
1945	12	18,383	11,391	529	529
1946	14	18,910	13,097	548	548
1947	14	23,631	19,187	764	764
7. Southwestern:					
1943	24	60,602	32,689	2,052	2,065
1944	33	63,941	36,937	2,048	2,122
1945	38	61,214	40,506	2,044	2,105
1946	41	59,176	44,543	1,898	1,912
1947	34	49,754	41,155	1,821	1,830
8. Rocky Mountain:					
1943	4	3,422	2,141	105	110
1944	5	4,185	2,567	118	165
1945	9	5,291	3,359	178	225
1946	10	4,831	3,496	172	210
1947	11	4,562	3,641	173	195
9. Pacific:					
1943	13	53,762	30,383	1,519	1,581
1944	14	58,258	34,568	1,253	1,564
1945	15	55,663	35,301	1,246	1,554
1946	16	54,907	43,740	1,309	1,632
1947	17	53,964	45,010	1,364	1,664

[1] Includes vehicles owned, leased, and operated under "purchased transportation arrangements," operated in intercity revenue service.

[2] Includes average number operated in intercity service during year and number owned in local operations at close of year.

No. 623.—Class I Intercity Motor Carriers of Passengers—Selected Operating Statistics, by Regions: 1943 to 1947—Continued

Region and year	Regular-route intercity				Employees	
	Vehicle-miles (thousands)	Revenue passengers carried (thousands)	Average fare per passenger, per carrier	Passenger revenue per vehicle-mile	Average number	Total compensation (thousands)
Total:						
1943	771,729	394,129	$0.806	$0.412	37,225	$84,550
1944	833,851	429,917	.798	.411	40,092	100,933
1945	860,485	434,614	.793	.401	42,394	108,394
1946	964,227	433,730	.798	.359	46,587	129,185
1947	978,364	412,332	.802	.338	45,820	136,123
1. New England:						
1943	21,052	18,617	.476	.421	1,277	3,167
1944	29,039	26,856	.421	.390	1,743	4,449
1945	26,097	23,132	.450	.399	1,601	4,493
1946	26,801	20,647	.445	.343	1,647	4,545
1947	27,779	19,395	.473	.330	1,684	4,973
2. Middle Atlantic:						
1943	81,014	58,676	.570	.413	4,554	10,437
1944	89,899	66,806	.541	.402	4,498	11,413
1945	87,191	64,620	.546	.404	4,874	12,615
1946	102,498	67,469	.581	.382	5,565	15,696
1947	104,648	65,074	.594	.369	5,479	16,621
3. Central:						
1943	119,376	60,888	.802	.409	6,586	16,323
1944	123,670	65,420	.777	.411	6,659	17,884
1945	131,498	69,215	.753	.396	7,129	19,115
1946	157,616	70,182	.809	.360	8,019	23,058
1947	157,683	66,499	.828	.349	7,870	24,639
4. Southern:						
1943	234,221	121,256	.785	.406	10,465	21,868
1944	257,591	137,577	.759	.406	11,875	27,366
1945	274,011	148,586	.724	.392	12,405	30,113
1946	295,673	147,936	.692	.346	13,296	33,851
1947	296,437	140,139	.678	.321	12,941	35,228
5. Northwestern:						
1943	25,551	8,707	1.157	.394	938	2,376
1944	29,340	11,218	1.057	.404	1,129	3,257
1945	32,029	11,657	1.097	.399	1,169	3,233
1946	37,099	12,601	1.105	.375	1,460	4,660
1947	41,252	12,935	1.090	.342	1,604	5,050
6. Midwestern:						
1943	36,086	10,002	1.486	.412	1,533	3,670
1944	39,533	10,794	1.483	.405	1,626	4,507
1945	44,966	12,929	1.374	.395	1,909	5,168
1946	49,793	13,133	1.389	.366	2,109	6,093
1947	65,723	14,543	1.535	.340	2,693	8,632
7. Southwestern:						
1943	144,989	70,657	.807	.394	6,314	13,139
1944	149,035	64,001	.940	.404	6,425	15,639
1945	148,409	61,487	.946	.392	6,954	16,662
1946	158,478	60,151	.936	.355	7,201	19,665
1947	143,010	50,571	.941	.333	6,262	17,590
8. Rocky Mountain:						
1943	8,072	2,457	1.292	.393	374	743
1944	9,166	3,007	1.236	.405	424	1,054
1945	11,938	3,899	1.177	.384	581	1,457
1946	12,532	2,882	1.482	.341	574	1,619
1947	12,495	2,383	1.678	.320	522	1,652
9. Pacific:						
1943	101,368	42,869	1.076	.455	5,184	12,827
1944	106,578	44,238	1.098	.456	5,713	15,364
1945	104,346	39,089	1.178	.441	5,772	15,538
1946	123,737	38,729	1.182	.370	6,716	19,998
1947	129,337	40,793	1.099	.347	6,765	21,738

Source. Interstate Commerce Commission; annual report, Statistics of Class I Motor Carriers.

No. 624.—Motorbus Lines—Summary of Operations of Common Carriers and School Busses: 1943 to 1949

ITEM	1943	1944	1945	1946	1947	1948	1949 [1]
COMMON CARRIER BUS OPERATIONS							
Number of operating companies (Dec. 31)	4,500	4,970	5,120	5,174	4,825	5,275	5,350
City and city suburban	800	1,270	1,435	1,455	1,570	1,700	1,740
Intercity	3,500	2,600	2,785	2,911	2,955	3,100	3,060
Charter hire and sightseeing	200	1,100	900	808	300	475	550
Number of busses (Dec. 31)	76,114	79,825	75,988	79,495	89,000	92,150	91,500
City and city suburban	45,610	48,525	45,955	47,760	54,100	57,175	57,800
Intercity	28,504	28,000	29,000	30,260	31,900	31,775	30,200
Charter hire and sightseeing	2,000	3,300	1,033	1,475	3,000	3,200	3,500
Miles of highway covered (Dec. 31)	434,575	387,875	414,595	422,697	455,450	480,000	470,500
City and city suburban	42,000	38,575	42,943	45,085	46,800	51,875	54,000
Intercity	392,575	349,300	371,652	377,612	408,650	428,125	416,500
Total bus miles (millions) [2]	2,768	3,212	3,131	3,424	3,521	3,569	3,422
City and city suburban	1,425	1,630	1,493	1,586	1,748	1,807	1,821
Intercity	1,320	1,524	1,609	1,805	1,731	1,714	1,550
Charter hire and sightseeing	23	58	29	33	42	48	51
Revenue passengers (millions)	8,355	9,753	8,813	9,445	9,590	10,107	9,729
City and city suburban (line haul service only)	7,377	8,609	7,929	8,456	8,630	9,047	8,819
Intercity (line service only)	953	1,084	874	967	918	1,014	860
Charter hire and sightseeing	25	60	19	22	42	46	50
Operating revenue (1,000 dollars)	1,030,400	1,205,310	1,164,208	1,228,929	1,268,060	1,370,121	1,379,462
City and city suburban	535,400	614,870	567,891	621,611	662,258	750,731	795,891
Intercity	480,000	563,840	586,567	596,034	555,802	561,790	522,321
Charter hire and sightseeing	15,000	26,600	9,750	11,284	50,000	57,600	61,250
Taxes assignable to operations (1,000 dollars) [3]	69,000	96,100	91,081	86,435	97,394	97,631	99,893
City and city suburban	34,450	52,500	48,355	42,697	50,296	52,038	54,619
Intercity	33,550	40,600	42,029	42,931	44,223	42,713	42,150
Charter hire and sightseeing	1,000	3,000	697	807	2,875	2,880	3,124
Investment in plant and equipment (Dec. 31) (1,000 dollars)	[4] 712,600	[4] 758,000	822,130	857,399	1,074,418	[4] 1,266,766	[5]
Number of employees (Dec. 31)	[4] 154,900	[4] 170,362	175,267	192,017	201,262	[4] 196,185	[4] 192,356
Wages and salaries of employees (1,000 dollars)	[4] 332,900	[4] 433,000	404,645	512,364	578,274	[4] 616,295	[5]
SCHOOL BUS OPERATIONS							
Number of schools using busses	44,825	42,200	40,000	40,400	43,000	46,400	45,300
Number of busses [6]	77,850	75,500	80,000	82,500	85,900	90,400	97,600
Miles of route served (thousands)	1,598	1,543	1,725	1,915	1,870	2,013	2,079
Children carried daily (thousands)	4,425	4,490	4,700	4,710	4,952	5,416	5,720
Cost of service annually (1,000 dollars)	81,000	90,540	93,500	103,000	130,700	145,200	177,532

[1] Preliminary. [2] Includes bus miles in line service, charter miles, and deadhead miles.
[3] Excludes income and excess-profit taxes. [4] Excludes charter hire and sightseeing; figures not available.
[5] Not available. [6] Exclusive of common carrier busses furnishing school service.

Source: Bus Transportation, Annual Review and Statistical Number; published by McGraw-Hill Publishing Co., Inc., New York, N. Y.

No. 625.—Aircraft Production and Exports: 1934 to 1948

[See also *Historical Statistics*, series K 239-245]

ITEM	1934	1940	1945	1946	1947	1948
PRODUCTION						
Number of aircraft, total	1,615	12,804	[1] 49,761	36,670	17,717	9,791
For U. S. military	393	[2] 6,019	[2] 47,714	1,669	2,100	2,489
Others	1,222	6,785	2,047	35,001	15,617	7,302
Value of all products [3]	43,891,925	[4] 370,000,000	[4] 8,279,000,000	[5]	[5]	[5]
EXPORTS						
Number of aircraft, total [6]	490	3,522	7,599	2,302	3,125	2,259
Value of aircraft, total [6]	8,195,484	196,260,556	663,128,543	65,257,749	74,476,912	66,354,000
Value of all exports [3]	17,662,938	311,871,473	1,148,851,587	115,320,235	172,189,502	153,629,000

[1] Includes United States-financed aircraft manufactured in Canada.
[2] Includes military aircraft for lend-lease shipments.
[3] Value of aircraft, engines, parts, parachutes, etc.
[4] For military aircraft produced in U. S. only; computed by War Production Board in terms of August 1943 unit costs. 1940 figure for second half of year only; 1945 figure covers only first 8 months.
[5] Not available.
[6] Exclusive of gliders and barrage balloons.

Source: Department of Commerce, Civil Aeronautics Administration and Civil Aeronautics Board; published in CAA Statistical Handbook of Civil Aviation.

No. 626.—Civil Aeronautics—Summary: 1934 to 1949

[See also *Historical Statistics*, series K 246-273]

ITEM	1934	1940	1945	1947	1948	1949 [1]
SCHEDULED AIR CARRIER OPERATIONS						
Number of operators, Dec. 31:						
Domestic	24	19	20	28	31	37
International	2	3	4	12	13	13
Route miles in operation—Dec. average	50,801	95,079	87,401	157,718	174,555	182,945
Domestic	28,609	42,757	48,516	62,215	68,702	73,955
International	22,192	52,322	38,885	95,503	105,853	108,990
Airplanes in service, Dec. 31	522	437	518	964	1,053	1,090
Domestic	423	369	421	810	878	913
International	99	68	97	154	175	177
Total personnel employed, Dec. 31, domestic	4,201	15,984	50,313	58,998	60,416	[2]
Pilots and copilots employed	667	1,939	4,967	5,034	5,307	[2]
Revenue miles flown (all services) (thousands)	49,065	119,753	241,578	411,535	436,270	456,168
Domestic	41,526	110,101	208,969	325,054	338,217	351,640
International	7,539	9,652	32,609	86,481	98,053	104,528
Revenue passengers carried	[3] 572,265	[3] 2,965,398	7,051,810	14,249,920	14,540,951	16,600,771
Domestic	475,461	2,802,781	6,576,252	12,890,208	13,168,095	15,080,704
International	96,804	162,617	475,558	1,359,712	1,372,856	1,520,067
Revenue passenger miles flown, domestic (thousands)	[4] 189,806	1,052,156	3,362,455	6,109,508	5,981,003	6,753,916
Average passenger-mile rate, domestic	$0.059	$0.0507	$0.0495	$0.0506	0.0576	[2]
Express and freight, ton-miles flown	[2]	[2]	30,914,363	97,568,958	146,969,361	179,159,689
Domestic	[5] 597,293	3,476,224	22,196,852	64,678,213	101,376,560	123,001,652
International	[2]	[2]	8,717,511	32,890,745	45,592,801	56,158,037
Mail, ton-miles flown, domestic	[6] 2,237,175	10,117,858	[7] 65,092,921	[7] 33,086,175	[7] 37,925,396	[7] 41,418,156
Accidents, domestic:						
Number of accidents [8]	71	30	40	44	56	55
Revenue miles flown per accident	584,869	3,683,789	5,234,222	7,424,669	6,061,568	6,495,341
Total fatalities	29	45	88	222	98	113
Fatalities per 1,000,000 revenue miles flown	0.70	0.41	0.42	0.68	0.29	0.32
Accidents, international:						
Number of accidents [8]	2	6	5	9	12	18
Revenue miles flown per accident	3,769,553	1,608,622	6,521,741	9,797,378	8,357,483	5,864,641
Total fatalities	9	----------	27	33	60	----------
Fatalities per 1,000,000 revenue miles flown	1.19	----------	0.83	0.37	0.60	----------
MISCELLANEOUS [9]						
Miles of controlled civil airways	19,081	32,100	43,285	45,393	57,368	61,392
Radio range stations, total [10]	112	292	360	465	709	749
Low/medium frequency	112	290	344	365	376	379
Very high frequency	----------	2	16	100	333	370
Nondirectional radio beacons [10]	73	48	88	81	98	120
Airport traffic control towers, federally operated [10]	----------	----------	107	134	150	162
Airway traffic control centers, federally operated [10]	----------	11	29	31	30	30
Interstate airways communications stations	205	365	438	403	437	464
Airports in operation, as recorded by CAA, total	2,297	2,331	4,026	5,759	6,414	6,484
Municipal [11]	980	1,031	1,220	1,818	2,050	2,200
Commercial [12]	872	860	1,509	2,849	2,989	2,585
CAA intermediate [13]	259	289	216	178	161	139
All others [14]	186	151	1,081	914	1,214	1,560
Pilots licensed (active) airplane	13,949	69,829	296,895	[15] 433,241	[16] 491,306	[17] 510,000
Total civil aircraft	8,322	17,928	37,789	[18] 94,821	[18] 95,997	[18] 92,622
Miles flown in civil flying other than scheduled air carrier (thousands)	75,602	264,000	[2]	[19] 1,502,420	[19] 1,469,540	[2]
Total accidents in non-air-carrier flying operations	1,491	3,471	4,652	9,253	7,850	[2]

[1] Preliminary. [2] Not available.
[3] Data for domestic passengers include duplication. Data for 1934 include nonrevenue passengers.
[4] Includes nonrevenue miles. [5] Excludes Colonial Airlines, Inc., and Hawaiian Airlines, Ltd.
[6] Excludes 224,236 ton-miles flown by U. S. Army.
[7] Excludes regular mail carried under special contract, and foreign mail.
[8] Revised in accordance with current definition of accident. Excludes propeller accidents to persons, accidents which occurred in military contract flying, and accidents of a minor nature which were carried in previous figures.
[9] Data as of December 31.
[10] Data include continental United States, and Territories and possessions wherever applicable.
[11] Public use and public services, municipally owned and/or operated.
[12] Public use and public services, privately owned and operated.
[13] Public emergency use, no services, CAA operated.
[14] Includes military (public restricted, military operated); private (public emergency use only, no public services, privately owned for personal use); and miscellaneous government (public emergency use only, no public services, Government-owned Forest Service, etc.).
[15] As of April 1, 1948. [16] As of May 1, 1949. [17] Estimated. [18] Includes gliders.
[19] Estimated. 1947 includes 13,365,000 miles not elsewhere classified; 1948, 18,065,000 miles.

Source: Department of Commerce, Civil Aeronautics Administration; and Civil Aeronautics Board; published in CAA Statistical Handbook of Civil Aviation.

No. 627.—Airports, by Class and by Type, by States: Jan. 1, 1950

[Data cover existing airports as of record with Civil Aeronautics Administration on Jan. 1, 1950. See also *Historical Statistics*, series K 257–258 for total and lighted airports]

State	Total	Class [1]						Type [2]				
		I (incl. Sub I	II	III	IV	V	VI and over	Commercial	Municipal	CAA intermediate	Military	All others
Total	**6,484**	**4,100**	**1,027**	**576**	**447**	**185**	**149**	**2,200**	**2,585**	**139**	**353**	**1,207**
Alabama	91	47	16	13	12	1	2	32	32	2	15	10
Arizona	179	68	50	32	14	13	2	42	31	4	30	72
Arkansas	88	57	11	11	8	1	------	32	38	------	------	18
California	509	278	88	49	37	33	24	152	178	8	44	127
Colorado	109	57	23	20	1	2	6	54	33	3	3	16
Connecticut	34	25	1	3	4	1	------	10	24	------	------	------
Delaware	17	11	3	------	1	------	2	2	12	------	1	2
Dist. of Columbia	3	------	------	------	1	1	1	------	------	------	2	1
Florida	191	54	24	46	40	12	15	90	47	1	48	5
Georgia	134	64	17	24	22	3	4	54	33	4	10	33
Idaho	124	101	11	7	2	0	3	71	14	3	1	35
Illinois	173	113	42	5	9	4	------	32	113	3	6	19
Indiana	160	112	29	8	9	2	------	34	114	1	4	7
Iowa	183	152	19	4	7	0	1	52	77	2	2	50
Kansas	190	127	25	17	4	9	8	97	56	3	9	25
Kentucky	67	54	4	4	4	------	1	14	35	1	2	15
Louisiana	79	40	14	12	8	2	3	28	23	4	4	20
Maine	65	41	6	12	2	2	2	25	30	------	3	7
Maryland	51	24	14	5	6	------	2	5	28	------	7	11
Massachusetts	81	54	8	9	7	------	3	23	52	------	4	2
Michigan	250	173	48	14	11	2	2	118	105	------	5	22
Minnesota	127	83	31	7	4	1	1	79	45	------	1	2
Mississippi	87	48	17	12	9	------	1	33	30	4	6	14
Missouri	121	79	21	12	5	3	1	47	59	5	3	7
Montana	109	72	18	7	6	2	4	69	14	8	1	17
Nebraska	137	102	16	4	2	2	11	67	43	3	1	23
Nevada	66	28	7	11	10	9	1	21	20	6	3	16
New Hampshire	36	26	4	3	2	------	1	12	17	------	1	6
New Jersey	94	64	16	8	4	------	2	13	70	------	5	6
New Mexico	108	65	13	6	9	8	7	31	30	11	8	28
New York	267	206	29	11	14	5	2	48	136	2	6	75
North Carolina	146	96	14	18	12	2	4	36	85	1	12	12
North Dakota	133	107	15	5	6	------	------	60	38	6	------	29
Ohio	252	189	41	10	8	2	2	38	176	4	4	30
Oklahoma	148	89	25	12	13	6	3	80	50	1	4	13
Oregon	117	76	11	11	14	4	1	42	38	2	------	35
Pennsylvania	218	161	35	14	7	1	------	43	161	2	5	7
Rhode Island	11	6	1	2	------	2	------	2	7	------	2	------
South Carolina	65	28	13	4	11	6	3	36	18	2	6	3
South Dakota	69	51	6	5	3	2	2	42	22	1	1	3
Tennessee	74	46	16	5	6	1	------	21	39	6	2	6
Texas	647	392	114	54	52	25	10	169	152	13	51	262
Utah	60	22	15	13	4	5	1	37	7	8	4	4
Vermont	23	19	------	3	1	------	------	9	12	------	1	1
Virginia	125	83	17	10	11	2	2	24	63	2	14	22
Washington	178	116	23	10	17	5	7	67	53	4	12	42
West Virginia	59	46	7	2	3	1	------	14	27	2	------	16
Wisconsin	172	120	36	11	3	1	1	60	86	2	------	24
Wyoming	57	28	13	11	2	2	1	33	12	5	------	7

[1] Class I airports are for private owners of smaller type aircraft (Sub I airports are those below Class I standards); Class II, private owners of largest type aircraft and feeder transport aircraft; Class III, present day transport aircraft; Classes IV and over, largest aircraft now in use and those planned for immediate future.

[2] Airport type definitions: Commercial—Public use and public services, privately owned and operated. Municipal—Public use and public services, municipally owned and/or operated. CAA Intermediate—Public emergency use, no services, CAA operated. Military—Public restricted, military operated. All others—(a) Public emergency use only, no public services, privately owned for personal use; (b) Public emergency use only, no public services, Government-owned Forest Service, etc.

Source: Department of Commerce, Civil Aeronautics Administration; Statistical Handbook of Civil Aviation.

22. Waterways, Water Traffic, and Shipping

Data in this section cover the following areas unless otherwise indicated: From Corps of Engineers, Department of the Army, Bureau of Census, and Bureau of Customs, United States customs area which includes Alaska, Hawaii, and Puerto Rico, and, from Jan. 1, 1935, through Dec. 31, 1939, Virgin Islands; from United States Maritime Commission and War ShippingAdministration, continental United States.

Units of measurement.—"Cargo tonnage" represents weight of cargo in long tons (2,240 pounds) or short tons (2,000 pounds). All other tonnage figures refer to capacity of vessels. The terms gross and net tonnage refer to space measurement, 100 cubic feet being called 1 ton. Gross tonnage is the capacity of the entire space within the frames and the ceiling of the hull, together with those closed-in spaces above deck available for cargo, stores, passengers or crew, with certain minor exemptions. Net or registered tonnage is what remains after deducting from the gross tonnage the spaces occupied by the propelling machinery, fuel, crew quarters, master's cabin, and navigation spaces. It represents substantially space available for cargo and passengers. The net tonnage capacity of a ship recorded as "entered with cargo" may bear little relation to actual weight of cargo. Dead weight tonnage is the weight in long tons required to depress a vessel from light water line (that is, with only the machinery and equipment on board) to load line. It is therefore the weight of the cargo, fuel, etc., which a vessel is designed to carry with safety. Displacement tonnage (naval vessels) has reference to weight of the vessel itself with its normal equipment, fuel, etc.

Types of vessel shipments.—Shipments by dry cargo vessels include shipments on all types of watercraft except tanker vessels, and shipments by tanker vessels include all types of cargo both liquid and dry carried by tanker vessels.

Vessel entrances and clearances.—The tables on vessel entrances and clearances show the number and net registered tonnage of American and foreign dry cargo and tanker vessels with cargo and in ballast entering and clearing the United States customs area in the foreign trade and indicate the customs districts at which these vessels first entered and from which they last cleared. All types of watercraft engaged in the foreign trade which are required to make formal entrance and clearance under United States customs regulations are included in the statistics. Army and Navy vessels entering or clearing without commercial cargo are not included in the figures. The tons shown in tables 650–655 are net tons of 100 cubic feet carrying capacity of the vessels (as defined in Part 16 of Title 46, "Code of Federal Regulations, Measurements of Vessels") and do not represent the actual weight of cargo carried.

A vessel is reported as entered at the first port in the United States at which entry is made, regardless of whether any cargo is unladen at that port. Vessels touching at a United States port in distress, or for other temporary causes without discharging cargo are not included in the figures.

A vessel is reported as cleared from the last port where outward cargo is completed or where the vessel cleared in ballast. Vessels touching at a United States port in distress, or for other temporary causes without discharging cargo are not included in the figures.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series K 132–145") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 628.—Water-Borne Commerce of the United States—Cargo Tonnage, Foreign and Domestic: 1943 to 1948

[In thousands of short tons of 2,000 pounds. See also *Historical Statistics*, series K 132-145]

CLASS	1943	1944	1945	1946	1947 [1]	1948 [1 2]
Foreign commerce, total	**127,284**	**153,736**	**172,094**	**148,877**	**188,256**	**162,971**
Imports, through seaports	33,077	39,441	44,526	47,948	57,366	68,078
Exports, through seaports	63,086	82,613	100,333	76,589	101,996	65,404
Imports, Great Lakes ports	7,120	8,055	6,511	4,163	4,796	4,219
Exports, Great Lakes ports	24,001	23,627	20,724	20,177	24,098	25,270
Domestic commerce, unadjusted total	**676,820**	**706,218**	**698,188**	**729,926**	(1)	(1)
Coastwise, between ports	60,009	70,806	90,705	137,609	153,098	172,484
Great Lakes, between ports	159,458	164,971	157,900	138,617	163,180	172,491
Local traffic of seaports and Great Lakes ports	106,278	106,194	97,822	91,225	[3] 112,668	[3] 113,959
Traffic between ports and river points [4]	93,689	95,821	87,073	81,668	149,614	169,698
Traffic on rivers, canals, and connecting channels [5]	257,386	268,426	264,688	280,807		
Foreign and domestic, unadjusted total	**804,104**	**859,954**	**870,282**	**878,803**	(1)	(1)
Deductions of duplications:						
Traffic between seaports and river points	93,689	95,821	87,073	81,668	(1)	(1)
Other duplications (canals, etc.) [6]	129,834	158,205	164,303	180,103	(1)	(1)
Net total, foreign and domestic	**580,581**	**605,928**	**618,906**	**617,032**	**766,817**	**791,603**
Approximate net total, domestic	[7] **453,297**	[7] **452,192**	[7] **446,812**	[7] **468,155**	**578,561**	**628,632**

[1] Figures are net for each type of traffic; no adjustments required to arrive at net totals.
[2] Preliminary.
[3] Represents traffic local to seaports, Great Lakes ports, and communities on inland waterways.
[4] Represents traffic among ports and communities utilizing inland waterways exclusively.
[5] Excluding St. Marys Falls Canal traffic and additional Detroit River traffic, data for which are already included in figures for Great Lakes traffic; also excluding duplications relating to rivers and canals themselves.
[6] Principally coastwise and lake traffic passing through canals and connecting channels other than the St. Marys Falls Canal and Detroit River.
[7] Estimated from figures in this table on assumption that all deductions represent duplications in domestic traffic; includes some minor duplications in figures for foreign traffic.

Source: Department of the Army, Corps of Engineers, Annual Report of Chief of Engineers, Part II, except for 1948 data, which are preliminary.

No. 629.—Freight Traffic on New York State Canals—Tonnage Moved: 1837 to 1949

[In short tons of 2,000 pounds. Excludes tonnage handled over State terminals but not moved through any portion of canal channel. East-bound tonnage is that moving toward Albany, west-bound is that moving away from Albany. See also *Historical Statistics*, series K 170]

YEARLY AVERAGE	TONS	YEARLY AVERAGE	TONS	YEARLY AVERAGE OR YEAR	TONS
1837-1840	1,339,016	1886-1890	5,281,441	1936-1940	4,838,271
1841-1845	1,613,317	1891-1895	4,112,061	1941-1945	3,266,368
1846-1850	2,781,410	1896-1900	3,544,951	1942	3,539,101
1851-1855	3,976,501	1901-1905	3,335,210	1943	2,824,160
1856-1860	3,911,407	1906-1910	3,238,129	1944	2,506,840
1861-1865	5,049,341	1911-1915	2,448,837	1945	2,968,682
1866-1870	5,987,724	1916-1920	1,348,365	1946	2,820,541
1871-1875	5,974,097	1921-1925	1,905,291	1947	3,790,050
1876-1880	5,219,888	1926-1930	2,904,575	1948	4,513,817
1881-1885	5,210,389	1931-1935	4,014,269	1949	3,949,739

COMMODITY	1935	1940	1945	1947	1948	1949
Freight, east-bound, tons	**1,488,315**	**1,924,834**	**1,812,554**	**972,760**	**1,021,752**	**1,138,047**
Petroleum and its products	33,170	313,654	764,717	21,947	58,247	210,036
Grain	614,855	656,472	604,105	268,077	633,365	644,983
Pulpwood	8,450	33,450	104,705	109,440	158,914	12,180
Other	831,840	921,258	339,027	573,296	171,226	270,848
Freight, west-bound, tons	**3,000,857**	**2,843,326**	**1,156,128**	**2,817,290**	**3,492,065**	**2,811,692**
Petroleum and its products	1,772,627	1,788,346	818,945	2,629,309	3,262,988	2,487,136
Other	1,228,230	1,054,980	337,183	187,981	229,077	324,556

Source: State of New York, Department of Public Works; annual statements on canal tonnages.

No. 630.—Commerce of Principal United States Ocean Ports: 1948

[In thousands of short tons of 2,000 pounds. In addition to commerce here shown, many ports have (1) commerce with ports on internal rivers and canals; (2) purely local port traffic, including, for New York and San Francisco, what is called intraport traffic between ports of a harbor for which separate statistics are maintained. These forms of traffic, although aggregate tonnage is large, are of much less economic importance than foreign and coastwise traffic]

PORT	Imports	Exports	COASTWISE Receipts	COASTWISE Shipments
Total [1]	**68,078**	**65,404**	**172,453**	**172,478**
ATLANTIC PORTS				
Searsport Harbor, Maine	11	8	730	9
Portland Harbor, Maine	3,285	74	3,684	509
Portsmouth Harbor, N. H	123	------	410	6
Beverly Harbor, Mass	------	------	431	11
Salem Harbor, Mass	------	------	374	------
Lynn Harbor, Mass	------	------	310	15
Boston, Mass	2,834	320	12,691	810
New Bedford and Fairhaven Harbor, Mass	17	1	605	28
Fall River Harbor, Mass	105	------	1,442	82
Providence River and Harbor, R. I	872	3	5,709	536
Tiverton Harbor, R. I	------	------	302	27
New London, Conn	3	------	226	12
New Haven Harbor, Conn	395	10	4,252	999
Bridgeport Harbor, Conn	------	------	2,155	199
Norwalk Harbor, Conn	------	------	240	57
Stamford Harbor, Conn	------	------	605	58
New York Harbor, N. Y	19,678	10,260	42,238	8,912
Hempstead Harbor, N. Y	------	------	923	1,982
Port Jefferson Harbor, N. Y	------	------	178	254
Albany, N. Y	64	550	2,607	8
Oyster Bay, N. Y	------	------	45	470
Northport Bay and Harbor, N. Y	------	------	43	2,121
Delaware River and tributaries	12,712	3,864	21,389	3,370
Baltimore Harbor and Channels, Md	10,325	6,270	4,474	917
Hampton Roads, Va	2,144	14,361	4,432	17,068
Morehead City, N. C	52	------	269	------
Wilmington, N. C	122	35	2,379	3
Charleston Harbor, S. C	447	858	2,449	52
Savannah Harbor, Ga	1,160	132	1,184	87
Jacksonville, Fla	397	79	1,917	18
Lake Worth Inlet, Fla	109	165	12	------
Hollywood Harbor (Port Everglades), Fla	194	41	1,223	------
Miami Harbor (Biscayne Bay), Fla	186	51	413	1
San Juan Harbor, P. R	345	30	1,036	327
Mayaguez Harbor, P. R	35	------	114	96
Ponce Harbor, P. R	97	104	161	37
St. Thomas Harbor, V. I	191	144	20	4
GULF PORTS				
Charlotte Harbor, Fla	------	102	------	684
Tampa Harbor, Fla	126	449	2,458	1,181
St. Josephs Bay, Fla	------	7	1,416	------
St. Andrew Bay, Fla	40	24	201	74
GULF PORTS—continued				
Pensacola Harbor, Fla	87	389	------	------
Mobile, Ala	2,274	1,083	378	455
Gulfport Harbor and Ship Island Pass, Miss	140	155	6	------
New Orleans, La	3,511	4,874	720	6,327
Baton Rouge, La	377	630	256	4,104
Lake Charles, La.[2]	64	263	618	5,621
Terrebonne Bay, La	------	------	------	1,116
Beaumont, Tex. (Neches River)	20	705	1,623	17,742
Port Arthur, Tex	457	2,154	2,598	14,856
Galveston, Tex	316	3,871	27	690
Texas City, Tex	263	405	1,249	7,315
Houston, Tex	386	3,836	1,030	20,472
Freeport, Tex	------	69	------	416
Port Aransas, Tex	------	147	19	8,261
Corpus Christi, Tex	29	1,200	96	8,712
Brazos Island Harbor, Tex	231	163	69	1,087
PACIFIC PORTS				
Los Angeles Harbor, Calif	608	1,375	2,913	6,675
Long Beach Harbor, Calif	269	470	1,443	1,497
San Luis Obispo Harbor, Calif	------	190	39	4,563
San Diego, Calif	10	6	1,252	------
El Segundo, Calif	------	375	706	973
Ventura Harbor, Calif	------	17	------	735
Ellwood, Calif	------	------	------	445
Estero Bay, Calif	------	628	------	3,337
Avalon Bay Harbor, Santa Catalina Island, Calif	------	------	17	836
San Francisco Bay, Calif	812	2,074	10,534	8,691
Coos Bay, Oreg	------	253	82	272
Portland, Oreg	47	524	5,659	218
Longview, Wash	12	30	124	95
Grays Harbor and Chehalis River, Wash	2	39	142	148
Tacoma Harbor, Wash	334	429	607	160
Seattle Harbor, Wash	209	651	4,894	549
Bellingham Bay and Harbor, Wash	253	21	47	19
Everett Harbor, Wash	128	12	124	44
Ketchikan Harbor, Alaska	1	------	185	48
Seward Harbor, Alaska	------	------	256	9
Honolulu Harbor, T. H	67	20	1,637	647
Hilo Harbor, T. H	18	10	206	220
Kahului Harbor, Maui, T. H	15	2	142	227
Kaumalapau, Lanai, T. H	------	------	90	152
Pearl Harbor, Oahu, T. H	------	12	287	------

[1] Includes data for ports not shown separately.
[2] Including Calcasieu River and Pass.

Source: Department of the Army, Corps of Engineers. Data are preliminary and are subject to revision in Annual Report of Chief of Engineers, Part II.

No. 631.—Commerce of Principal Great Lakes Ports: 1945 to 1948

[In thousands of short tons of 2,000 pounds. Foreign imports and exports, lakewise receipts and shipments, and coastwise receipts and shipments only are included]

PORT	RECEIPTS				SHIPMENTS			
	1945	1946	1947	1948 [1]	1945	1946	1947	1948 [1]
Total	**164,394**	**142,784**	**167,989**	**176,741**	**178,669**	**158,800**	**187,280**	**197,767**
Agate Bay (Two Harbors), Minn	200	200	212	217	19,535	15,442	18,811	20,787
Alabaster, Mich					327	531	423	539
Alpena Harbor, Mich	200	317	285	364	1,902	1,704	2,064	2,049
Ashland Harbor, Wis	675	825	830	840	4,779	4,115	5,825	5,871
Ashtabula, Ohio	8,147	7,986	10,275	11,622	5,097	4,047	4,719	4,897
Buffalo, N. Y	19,802	13,479	16,760	16,994	1,434	1,572	1,661	1,804
Buffington, Ind	576	784	825	993	56	92	99	108
Calcite, Mich	122	109	136	132	9,590	10,800	12,065	13,099
Chicago, Ill [2]	13,344	11,060	14,513	14,771	1,471	2,035	3,430	3,032
Cleveland, Ohio	17,018	14,381	16,777	17,062	1,268	1,703	2,202	1,611
Conneaut Harbor, Ohio	11,765	9,492	12,311	12,937	2,156	2,384	3,221	3,081
Detour, Mich	579	417	526	501	6	264	597	972
Detroit, Mich	14,705	14,522	16,907	18,040	473	733	727	751
Duluth-Superior, Minn. and Wis	10,767	11,992	10,939	11,319	54,564	42,207	53,452	57,866
Erie Harbor, Ohio	7,033	3,865	5,563	4,705	1,930	1,766	1,673	2,017
Escanaba Harbor, Mich	344	356	364	431	5,191	3,386	4,591	5,270
Fairport, Ohio	2,802	1,819	1,265	1,254	1,598	1,312	1,290	1,767
Frankfort Harbor, Mich	1,197	1,171	1,228	1,207	613	507	623	668
Gary Harbor, Ind	10,538	8,560	8,636	8,297	25	70	143	160
Grand Haven Harbor and Grand River, Mich	137	128	128	125	391	548	771	911
Great Sodus Bay, N. Y					1,465	1,371	2,022	2,111
Green Bay, Wis	2,549	2,945	3,218	3,451	2	3	5	4
Holland Harbor, Mich	153	126	194	205				
Huron Harbor, Ohio	833	976	1,226	1,925	379	729	1,303	1,614
Indiana Harbor, Ind	9,050	6,967	9,092	9,483	3,884	4,166	3,965	4,299
Kewaunee Harbor, Wis	409	295	379	389	618	599	633	624
Lorain Harbor, Ohio	6,452	5,932	8,003	9,137	3,083	2,483	3,037	3,671
Ludington, Mich	1,685	1,576	1,814	1,862	1,312	1,222	1,387	1,551
Manistee Harbor, Mich	257	239	240	224	479	500	689	590
Manistique Harbor, Mich	101	76	95	110	231	243	274	277
Manitowoc Harbor, Wis	1,141	1,054	1,132	1,241	953	953	968	953
Marblehead, Ohio					613	1,024	1,156	1,107
Marquette Harbor, Mich	197	192	218	222	563	377	580	486
Marysville, Mich	429	500	722	793	20	26	18	9
Menominee Harbor and River, Mich. and Wis	640	714	784	848	102	115	102	88
Milwaukee Harbor, Wis	6,242	6,299	6,690	7,021	1,743	1,596	1,803	1,564
Muskegon Harbor, Mich	1,197	1,382	1,446	1,623	824	977	1,046	1,028
Ogdensburg, N. Y	227	274	247	263	152	243	278	270
Oswego, N. Y	1,263	901	1,075	1,457	840	547	984	903
Port Huron, Mich	326	403	505	568				5
Port Inland Harbor, Mich	3	1	2	1	3,490	2,781	3,863	3,993
Port Washington Harbor, Wis	402	412	525	677				
Presque Isle Harbor, Mich					3,747	2,447	4,681	4,029
Racine Harbor, Wis	367	356	383	357				
Rochester, N. Y	224	249	243	270	1,902	1,659	1,615	1,473
Rockport, Mich	14	7	7	8	740	958	1,197	1,033
Saginaw River, Mich., and ports	2,188	2,341	2,903	3,433	63	117	48	37
St. Joseph Harbor, Mich	251	312	327	348				
Sandusky Harbor, Ohio	5	12	7	2	13,132	12,236	11,692	11,820
Sault Ste. Marie, Mich	459	407	445	456	3			9
Sheboygan Harbor, Wis	605	568	526	658				
Toledo Harbor, Ohio	4,478	3,549	4,497	4,608	25,547	25,839	25,001	25,844
Tonawanda, N. Y	415	454	439	403	15	6		3
All other	1,881	1,802	2,125	2,887	361	365	546	1,082

[1] Preliminary.
[2] Includes Chicago Harbor and River, Calumet Harbor and River, Lake Calumet, Calumet-Sag Canal, and Chicago Sanitary and Ship Canal to Sag Junction.

Source: Department of the Army, Corps of Engineers; Annual Report of Chief of Engineers, Part II, export for 1948 data which are preliminary.

No. 632.—Freight and Passenger Traffic on St. Marys Falls Canal (Sault Ste. Marie): 1890 to 1948

[Includes both American and Canadian canals and traffic to and from Canadian as well as American ports. Average distances, ton-miles, freight charges, etc., based on total haul from port of origin to port of destination in process of performance by vessels passing through canals]

SEASON	FREIGHT CARRIED (1,000 SHORT TONS OF 2,000 POUNDS)					Total ton-miles (millions)	FREIGHT CHARGES	
	Total	Eastbound	Westbound	By American vessels	By Canadian and other foreign vessels		Amount (1,000 dollars)	Average per ton per mile (mills)
1890	9,041	6,429	2,612	8,679	362	7,207	9,472	1.30
1895	15,063	12,030	3,033	14,497	566	12,503	14,239	1.14
1900	25,643	20,532	5,111	24,896	747	21,179	24,953	1.18
1905	44,271	36,779	7,492	42,061	2,210	36,893	31,421	.85
1910	62,363	47,134	15,229	58,569	3,794	52,406	38,711	.74
1915	71,290	56,369	14,921	66,877	4,413	59,317	41,984	.71
1920	79,282	63,464	15,818	74,866	4,416	64,702	85,742	1.33
1925	81,875	67,305	14,570	75,764	6,111	65,577	71,093	1.08
1930	72,898	57,067	15,831	67,560	5,338	59,058	61,159	1.04
1935	48,293	37,192	11,101	41,532	6,761	39,141	41,783	1.07
1936	69,529	54,843	14,686	61,185	8,344	56,322	58,963	1.05
1937	87,634	72,131	15,503	85,817	1,817	71,150	76,135	1.07
1938	40,043	29,053	10,990	37,775	2,268	32,922	36,314	1.10
1939	69,850	58,483	11,367	60,045	9,805	56,539	66,054	1.17
1940	89,360	76,635	12,752	79,116	10,244	71,807	74,118	1.03
1941	110,768	95,774	14,994	97,387	13,381	88,946	102,792	1.15
1942	120,119	104,139	15,980	105,255	14,864	95,903	111,470	1.16
1943	115,578	97,380	18,198	102,404	13,174	92,069	110,377	1.20
1944	116,985	98,480	18,505	103,579	13,406	93,424	122,786	1.31
1945	112,983	96,729	16,254	98,858	14,125	90,390	(1)	(1)
1946	91,587	72,614	18,973	89,648	1,939	(1)	(1)	(1)
1947	110,732	91,784	18,948	96,971	13,761	(1)	(1)	(1)
1948	115,414	95,346	20,068	100,536	14,878	(1)	(1)	(1)

COMMODITY		1920	1925	1930	1935	1940	1945	1947	1948
Passengers carried	number	68,451	56,956	45,303	32,937	53,129	46,044	90,500	112,101
Freight, east-bound	**1,000 tons [2]**	**63,464**	**67,305**	**57,067**	**37,192**	**76,635**	**96,729**	**91,784**	**95,346**
Flour	do	748	929	853	684	480	108	54	63
Wheat	do	4,304	8,785	7,318	5,388	6,660	14,436	7,580	6,557
Other grain	do	1,236	3,163	1,204	876	1,087	3,031	2,356	2,351
Lumber	do	358	367	303	72	47	2		
Pulpwood	do				239	692	619	826	736
Iron ore	do	56,643	53,821	46,990	29,277	65,842	77,719	80,456	85,042
All other	do	175	240	399	656	1,827	814	512	597
Freight, west-bound	**1,000 tons [2]**	**15,818**	**14,570**	**15,831**	**11,101**	**12,725**	**16,254**	**18,948**	**20,068**
Coal	do	14,156	12,874	14,059	9,162	10,174	13,837	15,833	16,880
All other	do	1,662	1,696	1,772	1,939	2,551	2,417	3,115	3,188

[1] Not available. [2] Short tons of 2,000 pounds.

No. 633.—Freight and Passenger Traffic on Ohio River: 1938 to 1948

YEAR	Short tons	Ton-miles	Passengers carried [1]	YEAR	Short tons
	Thousands	*Thousands*	*Number*		*Thousands*
1938	20,587	2,578,825	1,588,560	**1947—Total**	**41,397**
1939	25,955	3,360,454	1,533,758	Up [3]	7,140
1940	29,549	3,852,508	1,957,308	Down [3]	9,502
1941	36,557	5,197,440	1,554,319	Inbound	20,571
1942	38,281	5,299,847	1,034,190	Outbound	4,184
1943	36,610	5,996,347	1,191,350		
1944	37,801	7,004,056	1,148,294	**1948—Total**	**42,792**
1945	33,868	6,064,699	1,145,626	Up [3]	8,355
1946	35,851	4,999,560	1,053,511	Down [3]	9,966
1947	41,397	5,746,076	1,534,856	Inbound	19,618
1948	42,792	6,585,854	(2)	Outbound	4,854

[1] No data included for ferry traffic. [2] No data. [3] Includes through traffic.

Source of tables 632 and 633: Department of the Army, Corps of Engineers; Annual Report, Chief of Engineers, Part II, and records.

No. 634.—Commerce on Principal Rivers, Canals, and Connecting Channels of the United States: 1943 to 1948

[In thousands of short tons of 2,000 pounds. Excludes general ferry traffic, non-regulated car ferry traffic, and cargoes in transit]

WATERWAY	1943	1944	1945	1946	1947	1948 [1]
RIVERS						
Connecticut River below Hartford, Conn	874	1,054	1,116	1,400	1,604	1,864
Hudson River, N. Y. (Mouth of Spuyten Duyvil Creek to Waterford, N. Y.)	4,056	3,303	5,747	9,181	10,849	12,716
Delaware River, Philadelphia, Pa., to Trenton, N. J	4,992	4,241	4,261	5,093	5,832	7,218
Potomac River below Washington, D. C	2,086	1,838	1,936	1,971	2,041	2,450
James River, Va	2,749	2,329	1,469	2,214	2,506	3,101
Cape Fear River at and below Wilmington, N. C	650	1,062	1,169	2,103	2,345	3,300
Mobile River, Ala., tributaries	2,532	1,453	2,382	2,576	3,274	3,179
Black Warrior, Warrior, and Tombigbee Rivers, Ala	1,653	1,440	1,492	1,372	1,848	2,059
Mermentau River, Bayou Nezpique, and Bayou Des Cannes, La	843	650	596	813	1,189	1,505
Bayou Lafourche, La	1,090	762	685	849	879	1,381
Bayou Terrebonne, La	670	522	632	486	750	1,046
Petit Anse, Tigre, and Carlin Bayous, La	263	735	1,019	1,104	1,382	1,518
San Joaquin River, Calif	671	996	1,220	1,024	730	1,003
Sacramento River, Calif	833	849	956	1,078	1,380	1,542
Columbia and Lower Willamette Rivers below Vancouver, Wash., and Portland, Oreg	16,345	15,701	16,635	14,232	15,938	15,592
Columbia River from Vancouver, Wash., to The Dalles, Oreg	1,843	1,509	1,417	1,826	2,005	2,684
Willamette River above Portland and Yamhill River, Oreg	4,892	5,236	2,877	3,979	4,942	4,170
Snohomish River, Wash	2,078	2,000	1,778	1,783	1,882	1,637
Illinois Waterway, Ill	6,445	7,804	6,591	6,914	10,165	12,273
Mississippi River, Minneapolis, Minn., to the Passes	37,842	44,671	43,969	41,308	51,427	57,148
Missouri River:						
Kansas City to the mouth	394	322	478	751	621	797
Kansas City to Sioux City	142	71	386	276	377	811
Sioux City to Fort Benton	1		7	26	14	15
Allegheny River, Pa	2,984	2,797	2,416	2,565	2,734	3,270
Monongahela River, Pa. and W. Va	30,816	30,769	26,556	25,429	31,742	30,015
Kanawha River, W. Va	5,045	4,844	4,499	4,524	5,367	5,911
Ohio River, Pittsburgh to mouth [2]	36,610	37,801	33,868	35,851	41,397	42,792
Cumberland River, Tenn., and Ky	712	774	814	1,027	1,206	1,352
Tennessee River, Tenn., Ala., and Ky	2,869	2,348	2,163	2,399	2,792	2,963
FEDERAL CANALS AND CONNECTING CHANNELS						
Cape Cod Canal, Mass	16,513	18,851	14,684	10,656	11,925	13,113
Inland Waterway from Delaware River to Chesapeake Bay, Del. and Md	7,450	5,354	3,690	3,698	5,388	5,597
Lake Charles Deep Water Channel, La	11,418	13,340	10,288	6,854	8,494	10,840
Gulf Intracoastal Waterway, Plaquemine to Morgan City, alternate route	3,284	2,358	1,693	1,533	1,878	2,158
Gulf Intracoastal Waterway, Apalachee Bay, Fla., to the Mexican border	22,045	24,085	23,045	20,457	22,801	27,866
Sabine-Neches Waterway, Tex	14,532	16,545	26,318	43,595	47,644	55,595
Port Aransas (Aransas Pass) Corpus Christi Waterway, Tex	7,375	9,554	13,074	19,885	22,242	22,862
Detroit River, Mich. [3]	128,756	133,247	127,045	110,864	127,440	133,734
St. Marys Falls Canal, Mich. [4]	115,578	116,986	112,983	91,587	110,732	115,414
Grays Reef Passage, Mich	5,384	5,985	4,905	5,217	6,885	6,353
Multnomah Channel, Oreg	2,412	2,750	2,363	1,466	1,589	1,639
Canals and locks at Willamette Falls, Oreg	2,246	2,028	1,619	2,078	1,996	1,977
Lake Washington Ship Canal, Wash	2,360	3,006	2,183	2,167	2,015	2,115
STATE AND PRIVATE CANALS						
New York State Barge Canal [5]	2,824	2,507	2,969	2,821	3,790	4,514
Innerharbor Navigation Canal, La	5,358	2,388	1,430	1,276	2,044	2,123

[1] Preliminary [2] See also table 633. [3] Figures revised to include through traffic.
[4] See also table 632.
[5] See also table 629.

Source: Department of the Army, Corps of Engineers; Annual Report of Chief of Engineers, Part II, except for 1948 data which are preliminary.

No. 635.—American Flag Steam and Motor Merchant Vessels: 1938 to 1949

[**Dead weight tonnage in thousands.** Covers vessels of 1,000 gross tons and over engaged in foreign and domestic trade, and inactive vessels. Excludes special types and vessels employed on Great Lakes]

Date and type of vessel	All vessels		Active vessels												Inactive vessels		Special service	
			Total		Foreign trade		Domestic trade											
							Total		Coastwise		Intercoastal		Noncontiguous					
	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons
1938, June 30	**1,422**	**11,814**	**1,060**	**9,019**	**366**	**3,301**	**694**	**5,718**	**494**	**3,946**	**121**	**1,207**	**79**	**565**	**362**	**2,795**		
Combination	167	1,108	125	764	76	562	49	202	38	145	1	9	10	48	42	344		
Cargo	882	6,557	592	4,436	213	1,808	379	2,629	205	1,073	111	1,082	63	474	290	2,121		
Tankers	373	4,149	343	3,819	77	931	266	2,888	251	2,728	9	116	6	43	30	330		
1939, June 30	**1,398**	**11,699**	**1,091**	**9,303**	**319**	**2,804**	**772**	**6,499**	**543**	**4,359**	**165**	**1,641**	**64**	**500**	**306**	**2,391**	**1**	**5**
Combination	163	1,079	131	856	78	621	53	235	37	139	6	47	10	49	32	224		
Cargo	851	6,364	608	4,540	193	1,619	415	2,921	229	1,197	137	1,331	49	393	242	1,819	1	5
Tankers	384	4,256	352	3,908	48	565	304	3,343	277	3,022	22	263	5	57	32	348		
1940, June 30	**1,300**	**11,019**	**1,118**	**9,643**	**425**	**3,749**	**693**	**5,893**	**500**	**4,172**	**122**	**1,189**	**71**	**532**	**181**	**1,367**	**1**	**10**
Combination	140	873	112	696	66	514	46	182	36	129	1	8	9	45	28	176		
Cargo	790	6,020	641	4,882	291	2,443	350	2,438	188	988	109	1,033	53	417	148	1,129	1	10
Tankers	370	4,126	365	4,065	68	791	297	3,273	276	3,054	12	148	9	70	5	62		
1941, June 30	**1,168**	**10,096**	**1,134**	**9,888**	**471**	**4,052**	**663**	**5,836**	**488**	**4,261**	**94**	**947**	**81**	**628**	**31**	**177**	**3**	**31**
Combination	94	541	87	513	43	348	44	165	34	118			10	47	6	15	1	13
Cargo	716	5,472	691	5,306	358	2,966	333	2,340	179	937	90	890	64	512	23	148	2	18
Tankers	358	4,083	356	4,070	70	739	286	3,331	275	3,205	4	56	7	69	2	13		
1946, Sept. 30	**4,422**	**46,540**	**2,332**	**25,400**	**1,890**	**20,593**	**442**	**4,807**	**297**	**3,483**	**54**	**563**	**91**	**761**	**2,090**	**21,140**		
Combination	86	555	25	166	15	128	10	38					10	38	61	389		
Cargo	3,442	33,380	1,833	18,111	1,607	16,201	226	1,910	101	730	53	561	72	619	1,609	15,269		
Tankers	894	12,605	474	7,123	268	4,264	206	2,859	196	2,753	1	2	9	104	420	5,482		
1947, Dec. 31	**3,696**	**38,882**	**2,114**	**23,651**	**1,603**	**17,238**	**511**	**6,413**	**381**	**5,104**	**68**	**742**	**62**	**567**	**1,582**	**15,231**		
Combination	95	742	38	284	32	259	6	25					6	25	57	458		
Cargo	2,977	29,206	1,628	16,561	1,434	14,779	194	1,782	82	659	65	692	47	431	1,349	12,645		
Tankers	624	8,934	448	6,806	137	2,200	311	4,606	299	4,445	3	50	9	111	176	2,128		
1948, June 30	**3,490**	**36,774**	**1,723**	**19,552**	**1,246**	**13,767**	**477**	**5,785**	**327**	**4,329**	**66**	**721**	**84**	**735**	**1,767**	**17,222**		
Combination	77	601	48	385	41	357	7	28					7	28	29	216		
Cargo	2,887	28,674	1,221	12,424	1,023	10,592	198	1,832	68	569	62	667	68	596	1,666	16,250		
Tankers	526	7,499	454	6,743	182	2,818	272	3,925	259	3,760	4	54	9	111	72	756		
1949, June 30[1]	**3,379**	**36,228**	**1,386**	**16,044**	**1,004**	**11,416**	**382**	**4,628**	**262**	**3,437**	**62**	**700**	**58**	**491**	**1,993**	**20,184**		
Combination	79	609	47	388	43	375	4	13					4	13	32	221		
Cargo	2,799	28,442	969	10,063	813	8,626	156	1,437	53	416	59	657	44	364	1,830	18,379		
Tankers	501	7,177	370	5,593	148	2,415	222	3,178	209	3,021	3	43	10	114	131	1,584		

[1] No vessels delivered under Maritime Commission ship building program during 1949; not comparable previous years.

Source: U. S. Maritime Commission, records.

No. 636.—Merchant and Military-Type Vessels Delivered Under United States Maritime Commission Shipbuilding Program—Number and Dead Weight Tonnage: 1939 to 1948

[Includes vessels built for foreign and private account. No vessels were delivered under this program during 1949]

TYPE	1939–1948, total		1943		1944		1945		1946		1947		1948	
	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons	Number	Dead weight tons
Total [1]	**5,934**	**57,756,613**	**1,950**	**19,211,991**	**1,786**	**16,299,985**	**1,097**	**10,598,154**	**93**	**902,706**	**38**	**312,370**	**22**	**239,263**
Major types, total	**4,487**	**51,638,073**	**1,590**	**17,925,066**	**1,174**	**13,867,561**	**717**	**8,684,927**	**67**	**779,975**	**35**	**305,870**	**17**	**163,663**
Dry cargo, total	3,775	40,141,711	1,376	14,691,366	950	10,135,321	565	6,119,220	65	754,675	34	278,870	13	84,563
Standard cargo [2]	616	6,116,202	138	1,330,245	124	1,209,321	111	1,205,570	56	669,437	27	211,251	12	74,124
Emergency cargo	3,122	33,674,106	1,238	13,361,121	826	8,926,000	454	4,913,650						
Liberty type	2,708	29,182,456	1,238	13,361,121	722	7,797,600	144	1,550,400						
Victory type	414	4,491,650			104	1,128,400	310	3,363,250						
Combination—Passenger and cargo	36	337,003							9	85,238	7	67,619	1	10,439
Passenger	1	14,400												
Tankers, total	712	11,496,362	214	3,233,700	224	3,732,240	152	2,565,707	2	25,300	1	27,000	4	79,100
Standard tankers	650	10,826,762	157	2,618,100	219	3,678,240	152	2,565,707	2	25,300	1	27,000	4	79,100
Emergency tankers	62	669,600	57	615,600	5	54,000								
Minor types, total	**760**	**2,723,915**	**204**	**654,632**	**237**	**650,847**	**263**	**1,190,519**	**21**	**30,961**	**3**	**6,500**	**5**	**75,600**
Barges	123	454,631	58	232,637	62	221,110	3	884						
Concrete	80	367,829	27	170,237	51	196,708	2	884						
Steel	2	[3]			1	[3]	1	[3]						
Wooden	41	86,802	31	62,400	10	24,402								
Car floats	35	29,575			35	29,575								
Coastal cargo [4]	359	1,470,764	31	87,411	72	285,651	228	1,054,945	19	21,161	1	2,000	2	2,400
Coastal tanker	69	225,291	29	73,286	5	7,415	31	134,690			2	4,500		
Concrete cargo	24	116,714	2	9,618	22	107,096								
Tugs	124		68		41		1							
Ore carrier	24	417,140	16	251,680									3	73,200
Cable ships	2	9,800							2	9,800				
Military types	**687**	**3,394,625**	**156**	**632,293**	**375**	**1,781,577**	**117**	**722,708**	**5**	**91,770**				
Passenger and cargo	11	66,120	3	19,521										
Transport	272	1,518,699	22	123,522	182	982,612	66	398,165						
Tender	2	14,731												
Frigates	96	96,000	29	29,000	67	67,000								
Tank carrier	75	171,450	60	137,160										
Aircraft carrier	58	191,131	23	78,320	31	89,807								
Cargo	96	556,471	9	69,410	52	326,552	33	143,271						
Tanker	77	780,023	10	175,360	43	315,606	18	181,272	5	91,770				

[1] Excludes 1,215 small craft for which dead weight tonnage is not available.
[2] Excludes 33 vessels of 250,800 dead weight tons for which contracts were taken over by U. S. Navy before completion.
[3] Not available.
[4] Excludes 14 vessels of 39,200 dead weight tons originally under U. S. M. C. contract and later taken over by U. S. Navy for completion. 4 vessles of 12,180 dead weight tons were completed by Navy and delivered to U. S. M. C.

Source: U. S. Maritime Commission, records.

No. 637.—United States Merchant Marine—Summary: 1789 to 1949

[For definition of "gross ton" see general note, p. 524. See also *Historical Statistics*, series K 94–98]

JUNE 30 (EXCEPT AS INDICATED)	NUMBER			THOUSANDS OF GROSS TONS			
	Total	Steam and motor	All other	Total	Steam and motor	Sailing [1]	Canal boats and barges [1]
1789 (Dec. 31)				202		202	
1800 (Dec. 31)				972		972	
1810 (Dec. 31)				1,425	1	1,424	
1820 (Dec. 31) [2]				1,280	22	1,258	
1830 (Dec. 31) [2]				1,192	64	1,127	
1840 (Sept. 30)				2,181	202	1,978	
1850				3,535	526	3,010	
1860				5,354	868	4,486	
1870	28,998	3,524	25,474	4,247	1,075	2,363	808
1880	24,712	4,717	19,995	4,068	1,212	2,366	490
1890	23,467	5,965	17,502	4,424	1,859	2,109	456
1900	23,333	7,053	16,280	5,165	2,658	1,885	622
1910	25,740	12,452	13,288	7,508	4,900	1,655	952
1915	26,701	15,948	10,753	8,389	5,944	1,384	1,061
1920	28,183	18,814	9,369	16,324	13,823	1,272	1,228
1925	26,367	18,637	7,730	17,406	14,976	1,125	1,304
1930	25,214	18,211	7,003	16,068	13,757	757	1,554
1935	24,919	18,495	6,424	14,654	12,535	441	1,677
1939	27,470	19,606	7,864	14,632	11,952	221	2,459
1940	27,212	19,504	7,708	14,018	11,353	200	2,466
1941 (Jan. 1)	27,075	19,382	7,693	13,722	11,047	182	2,493
1942 (Jan. 1)	27,325	19,471	7,854	13,860	11,072	166	2,621
1943 (Jan. 1)	27,612	19,974	7,638	16,762	14,052	142	2,568
1944 (Jan. 1)	28,690	21,511	7,179	25,795	23,217	129	2,449
1945 (Jan. 1)	29,797	22,772	7,025	32,813	30,247	115	2,452
1946 (Jan. 1)	31,386	24,355	7,031	38,501	35,928	98	2,475
1947 (Jan. 1)	32,760	25,532	7,228	37,832	35,149	95	2,588
1948 (Jan. 1)	33,843	26,633	7,210	33,167	30,469	87	2,611
1949 (Jan. 1)	35,264	27,862	7,402	32,182	29,323	87	2,771

CLASSES	NUMBER					THOUSANDS OF GROSS TONS				
	1941	1946	1947	1948	1949	1941	1946	1947	1948	1949
Total	**27,075**	**31,386**	**32,760**	**33,843**	**35,264**	**13,722**	**38,501**	**37,832**	**33,167**	**32,182**
By location:										
Atlantic and Gulf [3]	16,627	18,646	19,630	20,212	21,071	9,812	21,571	22,173	20,116	20,318
Pacific [4]	6,727	8,809	9,109	9,462	9,801	1,964	14,258	13,064	10,367	9,088
Northern lakes	2,023	1,880	1,904	1,920	1,964	1,641	2,183	2,091	2,079	2,076
Western rivers	1,698	2,051	2,117	2,249	2,428	305	489	503	603	698
By rig:										
Steam	3,796	6,200	5,971	5,279	5,020	9,814	33,779	32,940	28,401	27,225
Motor	15,586	18,155	19,561	21,354	22,842	1,233	2,149	2,208	2,067	2,099
Sailing	517	353	343	319	303	182	97	95	87	87
Unrigged	7,176	6,678	6,885	6,891	7,099	2,493	2,475	2,588	2,611	2,771

[1] Canal boats and barges included with sailing prior to 1868.

[2] Decrease of tonnage arises principally from registered tonnage having been corrected in 1818, 1829, and 1830 by omitting all vessels with registers granted prior to 1815, which were presumed to have been lost at sea, captured, etc.

[3] Including Puerto Rico and Virgin Islands.

[4] Including Hawaii and Alaska.

Source: Prior to 1942, Department of Commerce, Bureau of Marine Inspection and Navigation; thereafter, Treasury Department, Bureau of Customs; annual report, Merchant Marine Statistics.

No. 638.—U. S. Merchant Marine—Number and Gross Tonnage of Vessels on Jan. 1, 1949, by Year of Build

YEAR OF BUILD	Number	Gross tons	YEAR OF BUILD	Number	Gross tons	YEAR OF BUILD	Number	Gross tons
Total	**35,264**	**32,181,863**	1885	35	3,305	1917	615	299,970
			1886	32	2,041	1918	556	257,909
Unknown	1,055	147,623	1887	38	4,852	1919	605	427,947
1849	1	19	1888	50	7,321	1920	567	437,141
1851	1	14	1889	36	5,246	1921	364	390,028
1852	1	14	1890	38	6,405	1922	371	124,290
1853	1	46	1891	73	13,877	1923	481	137,914
1857	3	191	1892	59	9,631	1924	634	156,768
1859	1	24	1893	55	9,375	1925	699	156,740
1862	1	36	1894	36	3,296	1926	750	160,345
1863	2	1,386	1895	40	6,856	1927	832	222,372
1864	1	225	1896	75	46,234	1928	846	194,255
1865	4	121	1897	71	31,463	1929	893	190,944
1866	7	1,221	1898	113	46,433	1930	804	199,659
1867	6	152	1899	122	48,306	1931	541	134,214
1868	6	1,647	1900	180	84,195	1932	387	130,154
1869	5	294	1901	191	66,723	1933	323	55,217
1870	3	3,717	1902	181	94,709	1934	431	47,817
1871	12	617	1903	192	86,307	1935	607	72,657
1872	7	424	1904	186	57,522	1936	811	162,929
1873	8	451	1905	248	194,153	1937	884	229,753
1874	8	891	1906	284	284,181	1938	782	175,319
1875	11	917	1907	294	296,277	1939	756	195,752
1876	9	455	1908	305	195,993	1940	911	395,229
1877	8	3,169	1909	286	160,897	1941	937	548,953
1878	16	4,089	1910	298	165,614	1942	1,384	3,612,203
1879	13	2,444	1911	378	117,905	1943	2,114	7,765,903
1880	11	2,737	1912	443	118,781	1944	2,127	6,277,812
1881	35	4,249	1913	454	170,500	1945	1,861	5,057,561
1882	40	3,253	1914	397	101,795	1946	1,515	597,178
1883	35	2,206	1915	386	76,608	1947	1,430	283,401
1884	39	4,691	1916	402	179,115	1948	1,118	200,290

Source: Treasury Department, Bureau of Customs; annual report, Merchant Marine Statistics.

No. 639.—U. S. Merchant Marine—Number and Gross Tonnage of Vessels on Jan. 1, 1949, by Tonnage Groupings

TONNAGE GROUPINGS	TOTAL		STEAM VESSELS		MOTOR VESSELS		SAILING VESSELS		UNRIGGED VESSELS	
	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)	Number	Gross tons (1,000)
Total	**35,264**	**32,182**	**5,020**	**27,225**	**22,842**	**2,099**	**303**	**87**	**7,099**	**2,771**
5 to 49 tons	19,665	356	97	3	18,600	328	222	3	746	21
50 to 99 tons	2,595	184	260	21	1,985	138	16	1	334	24
100 to 499 tons	6,981	1,906	750	171	1,804	351	19	5	4,408	1,379
500 to 999 tons	1,649	1,082	166	116	141	93	17	14	1,325	858
1,000 to 2,499 tons	556	805	170	272	117	145	23	40	246	348
2,500 to 4,999 tons	386	1,484	220	878	124	463	6	22	36	119
5,000 to 9,999 tons	3,047	22,169	2,986	21,721	57	426	-------	-------	4	22
10,000 to 19,999 tons	379	4,060	365	3,906	14	154	-------	-------	-------	-------
20,000 tons and over	6	135	6	135	-------	-------	-------	-------	-------	-------

Source: Treasury Department, Bureau of Customs; annual report, Merchant Marine Statistics.

No. 640.—Merchant Vessels Launched in the World and in the United States: 1910 to 1949

[**Vessels of 100 gross tons and over.** For definition of "gross ton" see genera note, p. 524. Beginning 1941 sailing ships and nonpropelled craft are included for Great Britain and N. Ireland only. For period of Second World War (1939–45), figures exclude any information from enemy and enemy-occupied countries, as well as from Russia. Returns are still not available from Germany and Russia.

CALENDAR YEAR	WORLD				UNITED STATES	
	Total		Steam and motor			
	Number	Gross tons	Number	Gross tons	Number	Gross tons
1910–1914, average	1,533	2,739,079	1,180	2,631,779	162	252,864
1915–1920, average [1]	1,488	4,046,860	1,296	3,918,746	518	1,877,382
1921–1925, average	942	2,581,653	830	2,531,592	99	315,114
1926–1930, average	873	2,468,515	808	2,427,929	74	158,788
1931–1935, average	484	1,020,444	461	1,010,567	25	83,485
1936–1940, average	931	2,427,144	841	2,376,050	127	310,796
1941–1945, average	1,442	8,520,091	1,390	8,510,700	963	6,718,446
1935	649	1,302,080	617	1,290,660	14	32,607
1936	999	2,117,924	946	2,080,222	69	111,885
1937	1,101	2,690,580	1,011	2,642,748	123	239,445
1938	1,119	3,033,593	1,029	2,975,942	105	201,251
1939	941	2,539,424	821	2,474,312	170	421,989
1940	495	1,754,198	399	1,707,028	167	579,410
1941	564	2,498,061	510	2,491,173	187	1,035,239
1942	1,359	7,828,705	1,300	7,815,369	861	5,670,820
1943	2,122	13,893,978	2,078	13,884,776	1,625	11,579,522
1944	1,822	11,182,310	1,738	11,169,503	1,261	9,339,067
1945	1,344	7,197,402	1,326	7,192,679	880	5,967,581
1946	747	2,127,421	690	2,114,702	96	501,294
1947	837	2,111,886	787	2,102,621	70	164,848
1948	997	2,332,604	872	2,309,743	49	126,418
1949	1,012	3,146,145	926	3,131,805	66	633,306

[1] Figures covering war period are for allied and neutral countries.

Source: Lloyd's Register of Shipping, London; Annual Summary of Mercantile Shipbuilding of the World.

No. 641.—Merchant Marine of the World and of the United States

[**Vessels of 100 tons and over.** Prior to 1919 tonnage figures are gross for steamers and net for sailing vessels, thereafter gross for both. Wooden vessels on Great Lakes and vessels on Caspian Sea excluded. Japanese sailing vessels and most sailing vessels belonging to Greece, Turkey, and southern Russia excluded. Figures for Philippine Islands included with United States, 1910–39. See general note, p. 524. Data not compiled during last war period]

YEAR	World total	United States	YEAR	World total	United States	YEAR	World total	United States
	1,000 tons	*1,000 tons*		*1,000 tons*	*1,000 tons*		*1,000 tons*	*1,000 tons*
1895	25,086	2,165	1920	57,314	16,049	1938	67,847	12,050
1900	28,957	2,750	1925	64,641	15,377	1939	69,440	12,003
1905	35,998	3,996	1930	69,608	14,046	1947	84,356	32,891
1910	41,915	5,059	1935	64,886	12,852	1948	81,074	29,602
1915	49,262	5,893	1937	66,286	12,429	1949	83,346	28,224

ITEM	NUMBER					THOUSANDS OF TONS (SEE HEADNOTE)					
	1910	1920	1930	1939	1949	1910	1914	1920	1930	1939	1949
World total	**30,058**	**31,595**	**32,713**	**31,186**	**31,253**	**41,915**	**49,090**	**57,314**	**69,608**	**69,440**	**83,346**
Steam and motor	22,008	26,513	29,996	29,763	30,248	37,291	45,404	53,905	68,024	68,509	82,571
Steel and iron	20,403	23,382	27,595	27,507	27,194	36,769	44,934	51,661	67,304	68,007	81,954
Wood and composite	1,605	3,131	2,401	2,256	3,054	521	470	2,244	720	503	617
Sailing and nonpropelled	8,050	5,082	2,717	1,423	1,005	4,624	3,686	3,409	1,584	930	775
Steel and iron	2,115	1,314	742	743	699	2,508	2,095	1,524	654	572	594
Wood and composite	5,935	3,768	1,975	680	306	2,116	1,590	1,885	930	358	182
United States	**3,469**	**5,457**	**4,223**	**3,375**	**5,307**	**5,059**	**5,368**	**16,049**	**14,046**	**12,003**	**28,224**
Steam and motor	1,712	4,110	3,517	2,958	5,026	3,827	4,330	14,574	13,202	11,490	27,814
Steel and iron	1,270	3,242	3,001	2,560	4,605	3,602	4,120	13,341	12,914	11,342	27,708
Wood and composite	442	868	516	398	421	226	210	1,234	288	148	106
Sailing and nonpropelled	1,757	1,347	706	417	281	1,232	1,038	1,475	844	513	410
Steel and iron	139	154	147	187	169	245	236	304	288	272	278
Wood and composite	1,618	1,193	559	230	112	987	803	1,171	556	241	132

Source: Lloyd's Register of Shipping, London; Appendix to Lloyd's Register Book.

No. 642.—Commercial Traffic Through the Panama Canal, Total, 1915 to 1948, and by Nationality of Vessel, 1948

[See general note, p. 524. Figures cover ocean-going commercial traffic which includes only tolls-paying vessels of 300 net tons and over, Panama Canal measurement, and vessels paying tolls on displacement tons of 500 displacement tons and over. Foreign naval vessels such as colliers, transports, supply ships, etc., with a measurement of 300 net tons or more and foreign naval vessels such as battleships, cruisers, destroyers, submarines, etc., with a displacement of 500 tons or more, classified as ocean-going commercial vessels]

Year ending June 30	Number of transits	Net tonnage (thousands) [1]	Tolls (thousands of dollars)	Tons of cargo (thousands of long tons)
Total	**135,210**	**608,379**	**574,485**	**651,621**
1915 [2]	1,058	3,507	4,367	4,888
1916 [3]	724	2,212	2,403	3,093
1917	1,738	5,357	5,621	7,055
1918	1,989	6,072	6,429	7,526
1919	1,948	5,658	6,164	6,910
1920	2,393	7,898	8,508	9,372
1921	2,791	10,550	11,269	11,596
1922	2,665	10,556	11,192	10,883
1923	3,908	17,206	17,504	19,566
1924	5,158	24,181	24,285	26,993
1925	4,592	21,134	21,394	23,957
1926	5,087	22,906	22,920	26,030
1927	5,293	24,245	24,212	27,734
1928	6,253	27,229	26,922	29,616
1929	6,289	27,585	27,111	30,648
1930	6,027	27,716	27,060	30,018
1931	5,370	25,690	24,625	25,065
1932	4,362	21,842	20,695	19,799
1933	4,162	21,094	19,601	18,161
1934	5,234	26,410	24,047	24,704
1935	5,180	25,720	23,307	25,310
1936	5,382	25,923	23,479	26,506
1937	5,387	25,430	23,102	28,108
1938	5,524	25,950	23,170	27,386
1939	5,903	27,170	23,661	27,867
1940	5,370	24,144	21,145	27,299
1941	4,727	20,643	18,158	24,951
1942	2,688	11,010	9,752	13,607
1943	1,822	8,234	7,357	10,600
1944	1,562	6,073	5,456	7,003
1945	1,939	8,381	7,244	8,604
1946	3,747	17,517	14,774	14,978
1947	4,260	20,233	17,597	21,671
1948	4,678	22,902	19,957	24,118

Nationality of vessels (year ending June 30, 1948)	Number of transits	Net tonnage (thousands)	Tolls (thousands of dollars)	Tons of cargo (thousands of long tons)
Argentine	16	54	47	19
Belgian	3	17	15	26
Brazilian	5	9	8	11
British	1,041	5,822	5,086	5,790
Chilean	69	342	306	275
Chinese	9	13	11	16
Colombian	80	95	85	92
Costa Rican	3	2	2	2
Cuban	1	3	2	3
Danish	119	546	488	478
Ecuadorean	32	63	57	50
Finnish	4	11	9	13
French	99	496	440	516
Greek	32	173	146	184
Honduran	178	297	250	180
Icelandic	1	3	2	5
Italian	29	173	151	188
Mexican	7	20	18	28
Netherland	141	345	308	287
Nicaraguan	6	13	10	2
Norwegian	324	1,683	1,426	1,510
Palestinian	2	9	8	8
Panamanian	180	565	465	492
Peruvian	16	45	40	50
Philippine	27	129	115	113
Polish	1	5	5	8
Portuguese	15	68	55	51
Soviet	10	30	27	31
Spanish	26	104	83	94
Swedish	147	668	587	720
Swiss	2	9	8	(4)
United States	2,035	11,063	9,672	12,861
Venezuelan	18	27	23	17

[1] Panama Canal net tonnage prior to 1939 are estimates, based on revised measurement rules, effective Mar. 1, 1938.
[2] Canal opened to traffic Aug. 15, 1914.
[3] Canal closed to traffic approximately 7 months of fiscal year due to slides. [4] Less than 500 tons.

No. 643.—Commercial Traffic Through the Panama Canal—Summary, Years Ending June 30: 1940 to 1948

[See general note, p. 524]

Item	1940	1941	1942	1943	1944	1945	1946	1947	1948
Number of transits	5,370	4,727	2,688	1,822	1,562	1,939	3,747	4,260	4,678
Measurement tonnage registered:									
Gross (thousands)	31,086	26,853	14,759	10,874	8,048	11,427	23,926	27,539	31,034
Net (thousands)	18,643	16,019	8,742	6,578	4,862	6,923	14,338	16,456	18,563
Panama Canal, net (thousands)	24,144	20,643	11,010	8,234	6,073	8,381	17,517	20,233	22,902
Tons of cargo, total (thousands of long tons)	27,299	24,951	13,607	10,600	7,003	8,604	14,978	21,671	24,118
Atlantic to Pacific	9,820	9,488	4,685	4,945	3,354	4,235	6,118	8,295	8,679
Pacific to Atlantic	17,479	15,462	8,923	5,655	3,649	4,369	8,860	13,376	15,439

Source of tables 642 and 643: The Panama Canal, Annual Report of the Governor.

No. 644.—Panama Canal—Revenues, Expenses, and Computed Surplus 1914 to 1948

[In thousands of dollars]

YEAR ENDING JUNE 30	Tolls [1]	Civil revenues	Business profits	Total revenues	Net appropriation expenses [2]	Net revenues [3]	Capital interest, 3 percent [4]	Computed surplus [3]
Total	**574,808**	**7,228**	**26,981**	**609,016**	**335,482**	**273,534**	**425,026**	***151,492***
1914 to 1931, total	271,864	4,178	8,748	284,790	138,903	145,886	165,558	*19,672*
1932	20,707	327	557	21,591	10,239	11,352	14,944	*3,592*
1933	19,621	310	1,136	21,067	9,556	11,511	14,908	*3,397*
1934	24,065	97	1,367	25,528	7,931	17,597	15,039	2,558
1935	23,339	82	1,021	24,442	9,481	14,961	15,124	*163*
1936	23,507	120	920	24,547	9,675	14,872	15,160	*288*
1937	23,147	99	917	24,164	10,290	13,874	15,205	*1,331*
1938	23,215	90	825	24,130	9,576	14,555	15,230	*675*
1939	23,699	107	681	24,488	10,145	14,342	15,250	*908*
1940	21,177	118	1,034	22,330	10,042	12,288	15,243	*2,956*
1941	18,190	276	1,009	19,475	9,614	9,861	15,275	*5,414*
1942	9,772	[5] 219	734	10,726	9,407	1,319	15,302	*13,983*
1943	7,369	[6] 55	1,493	8,916	11,269	*2,352*	15,432	*17,785*
1944	5,474	239	1,553	7,267	12,634	*5,368*	15,484	*20,851*
1945	7,223	239	1,469	8,931	13,905	*4,975*	15,476	*20,450*
1946	14,792	268	[7] 208	[7] 15,267	15,214	[7] 53	15,427	[7] *15,374*
1947	17,642	110	1,726	19,478	18,074	1,404	15,478	*14,073*
1948	20,004	294	[8] 1,582	21,881	[9] 19,527	2,354	15,490	*13,136*

[1] Adjusted for overcharges and undercollections.
[2] After deduction of canal earnings repaid to appropriations.
[3] Italics denote deficit.
[4] No interest charge against the Canal is actually made by the Treasury. In order to present the net results of operation of the Canal, interest on capital invested is computed at a rate considered reasonable for Government borrowings over an indefinite period. Computed interest prior to July 12, 1920, is included in capital investment account.
[5] Includes adjustment of $15,000 in postal surplus.
[6] Includes adjustment of $44,000 in postal surplus.
[7] Actual business profits of $877,000 adjusted by $669,000 for write-off of reimbursable capital expenditures, public works, Republic of Panama.
[8] Includes $23,000 for prior fiscal years.
[9] Includes $292,000 for judgments rendered by Court of Claims for overtime compensation in prior years.

Source: The Panama Canal, Annual Report of the Governor.

No. 645.—Estimated Average Monthly Employment on American Flag Merchant Vessels: 1929 to 1947

[Represents personnel employed on active steam and motor merchant vessels of 1,000 gross tons and over, engaged in deep-sea trades (overseas foreign, nearby foreign, intercoastal, and coastwise). Includes only combination passenger and freight, freight, and tanker vessels]

YEAR	Average monthly employment [1]	YEAR	Average monthly employment [1]	YEAR	Average monthly employment [1]
1929	63,825	1936	53,025	1943	76,800
1930	62,360	1937	57,170	1944	125,755
1931	57,180	1938	50,905	1945	158,755
1932	52,600	1939	52,445	1946	127,175
1933	54,620	1940	50,975	1947 (Oct.)	100,000
1934	56,295	1941	50,225		
1935	56,575	1942	47,650		

[1] Includes masters of vessels; excludes personnel employed on vessels under bareboat charter, or owned by Army or Navy.

Source: U. S. Maritime Commission, records

No. 646.—Water-Borne Imports and Exports—Cargo Tonnage, by Flag of Carrier Vessel, 1921 to 1949, and by Coastal Districts, 1943 to 1949

[**In cargo tons of 2,240 pounds.** Excludes cargoes (small in aggregate) carried by ships of less than 100 tons gross capacity]

Year and district	Imports by flags of carrier vessels			Exports by flags of carrier vessels		
	Total	American	Foreign	Total	American	Foreign
Total:						
1921	33,184,790	23,454,831	9,729,959	48,640,044	18,557,464	30,082,580
1925	43,135,154	21,214,626	21,920,528	49,666,499	15,716,692	33,949,807
1928	47,395,432	24,186,971	23,208,461	58,829,394	19,287,784	39,541,610
1929	50,985,224	25,231,728	25,753,496	57,475,357	17,920,748	39,554,609
1930	47,562,416	24,822,560	22,739,856	49,730,870	14,913,598	34,817,272
1931	35,864,286	17,114,174	18,750,112	40,049,246	11,068,284	28,980,962
1932	28,710,280	13,324,302	15,385,978	31,844,566	8,147,086	23,697,480
1933	26,566,967	11,017,462	15,549,505	32,385,550	8,354,909	24,030,641
1934	29,813,903	12,767,083	17,046,820	37,821,061	9,435,147	28,385,914
1935	33,965,678	14,125,363	19,840,315	38,145,865	8,740,017	29,405,848
1936	38,395,748	13,196,753	25,198,995	39,714,046	8,615,976	31,098,070
1937	42,062,821	13,363,422	28,699,399	54,557,725	10,882,780	43,674,945
1938	32,818,162	12,077,522	20,740,640	55,612,107	10,358,773	45,253,334
1939	37,548,452	11,124,084	26,424,368	55,086,843	9,425,952	45,660,891
1940	39,881,161	15,465,891	24,415,270	54,401,306	11,553,124	42,848,182
1942 [1]	24,458,000	15,535,000	8,923,000	37,205,000	14,488,000	22,717,000
1943 [1]	27,668,000	22,089,000	5,579,000	42,647,000	22,591,000	20,056,000
1944 [1]	29,750,000	23,401,000	6,349,000	49,299,000	30,359,000	18,940,000
1945 [1]	35,202,000	28,049,000	7,153,000	55,003,000	33,687,000	21,316,000
1946 [2]	43,914,094	28,874,571	15,039,523	77,716,542	44,463,070	33,253,472
1947 [2]	52,860,000	33,645,000	19,215,000	110,997,000	54,520,000	56,477,000
1948 [2]	60,192,997	36,185,590	24,007,407	78,849,620	30,804,647	48,044,973
1949 [2]	69,077,771	[3]	[3]	64,104,195	[3]	[3]
Dry cargoes:						
1943	19,730,000	15,443,000	4,287,000	27,641,000	16,221,000	11,420,000
1944	18,566,000	14,551,000	4,015,000	28,199,000	16,467,000	11,732,000
1945	19,389,000	15,226,000	4,163,000	36,935,000	24,707,000	12,228,000
1946 [2]	22,606,662	12,730,414	9,876,248	64,160,404	39,050,784	25,109,620
1947 [2]	28,634,000	15,492,000	13,142,000	97,635,000	49,772,000	47,863,000
1948 [2]	32,732,094	15,359,212	17,372,882	67,702,862	27,283,247	40,419,615
1949 [2]	35,042,978	[3]	[3]	54,952,944	[3]	[3]
Tanker cargoes:						
1943	7,938,000	6,646,000	1,292,000	15,006,000	6,370,000	8,636,000
1944	11,184,000	8,850,000	2,334,000	21,100,000	13,892,000	7,208,000
1945	15,813,000	12,823,000	2,990,000	18,068,000	8,980,000	9,088,000
1946 [2]	21,307,432	16,144,157	5,163,275	13,556,138	5,412,286	8,143,852
1947 [2]	24,226,000	18,153,000	6,073,000	13,362,000	4,748,000	8,614,000
1948 [2]	27,460,903	20,826,378	6,634,525	11,146,758	3,521,399	7,625,359
1949 [2]	34,034,793	[3]	[3]	9,151,251	[3]	[3]
Atlantic ports:						
1943	17,730,000	14,518,000	3,212,000	28,607,000	13,897,000	14,710,000
1944	21,422,000	17,237,000	4,185,000	35,360,000	21,119,000	14,241,000
1945	27,454,000	21,887,000	5,567,000	35,365,000	20,661,000	14,704,000
1946 [2]	34,353,241	23,792,915	10,560,326	33,574,089	22,412,865	11,161,224
1947 [2]	40,704,000	[3]	[3]	57,031,000	[3]	[3]
1948 [2]	46,743,960	[3]	[3]	32,225,600	[3]	[3]
1949 [2]	52,051,780	[3]	[3]	25,368,370	[3]	[3]
Gulf ports:						
1943	6,552,000	5,011,000	1,541,000	5,199,000	3,585,000	1,614,000
1944	4,872,000	3,648,000	1,224,000	5,334,000	5,108,000	226,000
1945	5,067,000	4,124,000	943,000	13,158,000	9,137,000	4,021,000
1946 [2]	3,915,955	2,763,80	1,152,149	20,073,599	12,552,943	7,520,656
1947 [2]	6,239,000	[3]	[3]	23,922,000	[3]	[3]
1948 [2]	7,319,684	[3]	[3]	18,061,724	[3]	[3]
1949 [2]	9,463,434	[3]	[3]	16,995,107	[3]	[3]
Pacific ports:						
1943	3,386,000	2,560,000	826,000	8,841,000	5,109,000	3,732,000
1944	3,456,000	2,516,000	940,000	8,605,000	4,132,000	4,473,000
1945	2,681,000	2,038,000	643,000	6,480,000	3,889,000	2,591,000
1946 [2]	2,140,427	1,489,510	650,917	6,460,909	4,223,500	2,237,409
1947 [2]	2,189,000	[3]	[3]	9,297,000	[3]	[3]
1948 [2]	2,628,805	[3]	[3]	6,222,034	[3]	[3]
1949 [2]	3,251,264	[3]	[3]	6,070,749	[3]	[3]
Great Lakes ports:						
1946 [2]	3,504,471	828,340	2,676,131	17,607,945	5,273,762	12,334,183
1947 [2]	3,728,000	[3]	[3]	20,747,000	[3]	[3]
1948 [2]	3,500,547	[3]	[3]	22,340,262	[3]	[3]
1949 [2]	4,311,293	[3]	[3]	15,669,969	[3]	[3]

[1] Excludes U. S. Army, Navy Cargo, and Great Lakes.
[2] Excludes U. S. Army and Navy Cargo. Includes Alaska, Hawaii, and Puerto Rico. 1947-49 data subject to revision.
[3] Not available.

Source: Prior to 1936, Department of Commerce, U. S. Shipping Board Bureau; 1936-40, U. S. Maritime Commission; 1940 figures published in Report No. 2610. 1942-45, War Shipping Administration. 1946-49, Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 647.—Water-Borne Exports—Shipping Weight on Dry Cargo and Tanker Vessels, by Trade Area: 1946, 1947, and 1948

[**In millions of pounds.** Covers domestic and foreign merchandise. Totals represent sum of unrounded figures; may vary from sum of rounded amounts]

Trade area	1946			1947 [1]			1948 [1]		
	Total	American	Percent American	Total	American	Percent American	Total	American	Percent American
DRY CARGO									
Trade area, total	143,719.3	87,473.8	60.9	218,702.7	111,489.4	51.0	151,654.4	61,114.5	40.3
Foreign except Canadian	107,244.8	75,996.0	70.9	173,052.5	98,478.7	56.9	102,838.0	47,736.0	46.4
Caribbean	6,935.0	5,012.4	72.3	10,692.1	7,411.3	69 3	9,069.6	5,530.7	61.0
East Coast South America	8,061.8	5,116.3	63.5	13,003.4	6,435.9	49.5	8,316.5	2,549.0	30.6
West Coast South America	1,749.8	1,303.0	74.5	2,433.8	1,709.4	70.2	1,811.0	1,061.6	58.6
West Coast Central America and Mexico	319.0	276.1	86.6	484.9	375.2	77.4	276.0	157.4	57.0
Gulf Coast Mexico	815.1	235.6	28.9	954.4	340.3	35.7	620.2	197 4	31.8
United Kingdom and Eire	6,320.6	2,556.9	40.5	12,429.8	4,658.7	37.5	4,102.6	1,192.4	29.1
Baltic, Scandinavia, Iceland, and Greenland	11,210.0	4,884.7	43.6	18,360.7	8,420.2	45.9	3,658.7	747.9	20.4
Bayonne-Hamburg Range	29,098.9	23,042.4	79.2	56,976.1	36,781.0	64.6	35,370.4	17,548.6	49.6
Portugal and Spanish Atlantic Azores, Mediterranean, and Black Sea	1,821.2	954.8	52.4	3,044.0	1,402.0	46.1	1,440.0	83.5	5.8
West Coast Africa	25,825.9	23,210.3	89.9	35,873.7	20,752.9	57.8	21,790.3	11,049.8	50.7
South and East Africa	1,116 5	681.2	61.0	1,959.1	544.3	27.8	1,277.7	379.8	29.7
Australasia	1,476.4	905.6	61.3	2,395.4	1,575.2	65.8	2,732.4	1,578.1	57.8
India, Persian Gulf, and Red Sea	1,455.6	277.9	19.1	2,226.2	678.1	30.5	1,314.6	319.3	24.3
Straits Settlements, and Netherlands East Indies	2,800.6	1,646.1	58.8	4,927.4	2,890.9	58.7	4,475.5	1,861.4	41.6
South China, Formosa, and Philippines	503.4	163.2	32.4	1,322.6	491.8	37.2	920.1	344.2	37.0
North China, incl. Shanghai and Japan	2,703.6	2,066.5	76.4	3,221.3	2,091.7	64.9	2,902.1	1,655.7	57.1
Canadian	5,031.4	3,663.0	72.8	2,747.7	1,920.1	69.9	2,751 2	1,479.2	53.8
	36,474.6	11,477.8	31.5	45,650.8	13,010.2	28.5	48,816.5	13,378.5	27.4
Pacific Canada	187.6	38.6	20.6	361.9	101.8	28.1	363.2	137.2	37.8
Great Lakes Canada	30,553.4	11,161.9	36.5	37,735.4	12,388.8	32.8	45,245.2	13,109.0	29.0
Atlantic Canada and Newfoundland	5,733.6	277.3	4.8	7,553.2	519.5	6.9	3,208.1	132.2	4.1
TANKER CARGO									
Trade area, total	30,365.7	12,123.5	39.9	29,930.1	10,634.9	35.5	24,968.8	7,887.9	31.6
Foreign except Canadian	22,454.7	8,598.4	38.3	20,766.9	6,064.4	29.2	14,848.7	3,710.6	25.0
Caribbean	1,204.2	506 4	42.1	1,685 0	566.0	33 6	2,619.6	1,154.2	44.1
East Coast South America	593.6	214.5	36.1	675 6	376.9	55.8	831.1	445.0	53.5
West Coast South America	33.6	(2)	------	120.6	------	------	118.0	58.5	49.6
West Coast Central America and Mexico	322.6	170.8	52.9	870.7	296.7	34.1	932.4	454.8	48.8
Gulf Coast Mexico	3.0	(2)	------	4.0	------	------	6.4	2.6	40.6
United Kingdom and Eire	9,434.5	4,427.7	46.9	7,830.1	2,339.8	29.9	4,567.5	570.6	12.5
Baltic, Scandinavia, Iceland, and Greenland	2,259.7	243.4	10.8	2,301.5	93.0	4.0	1,404.5	116.5	8.3
Bayonne-Hamburg Range	4,446.1	1,587.3	35.7	3,053.4	844.4	27.7	2,242.9	448.8	20.0
Portugal and Spanish Atlantic Azores, Mediterranean, and Black Sea	306.9	------	------	255.8	------	------	156.8	26.2	16.7
West Coast Africa	1,159.7	473 1	40.8	1,060.5	378.6	35.7	483.8	157.3	32.5
South and East Africa	399.1	159.7	40.0	213.5	126.1	59.1	213.5	67.8	31.8
Australasia	337.4	203.2	60.2	------	------	------	(2)	------	------
India, Persian Gulf, and Red Sea	959.0	453.1	47.2	1,421.8	591.2	41.6	486.1	67.8	13.9
Straits Settlements, Netherlands East Indies	4	.4	100.0	32.7	.1	.3	.7	(2)	(2)
South China, Formosa, and Philippines	1.9	.9	47.4	5.2	------	------	------	------	------
North China, incl. Shanghai and Japan	43.3	19.2	44.3	488.0	201.6	41.3	395.7	90.7	22.9
Canadian	949.7	138.7	14.6	748.5	249.8	33.4	389.7	49.9	12.8
	7,911.0	3,525.1	44.6	9,162.8	4,570.9	49.9	10,120.1	4,177.4	41.3
Pacific Canada	2,945.6	2,280.9	77.4	3,697.0	2,279.9	61.7	3,879.8	1,700 6	43.8
Great Lakes Canada	4,197.8	636.5	15.2	3,392.4	565.1	16.7	5,223.7	1,842.0	35.3
Atlantic Canada and Newfoundland	767.6	607.7	79.2	2,073.3	1,725.9	83.2	1,016.6	634.8	62.4

[1] Preliminary. [2] Less than 50,000 pounds.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation, and current summary reports, FT 973.

No. 648.—Water-Borne Imports—Shipping Weight on Dry Cargo and Tanker Vessels, by Trade Area: 1946, 1947, and 1948

[**In millions of pounds.** Represents general imports. Totals represent sums of unrounded figures; may vary from sums of rounded amounts]

TRADE AREA	1946			1947 [1]			1948 [1]		
	Total	American	Percent American	Total	American	Percent American	Total	American	Percent American
DRY CARGO									
Trade area, total	50,638.9	28,516.1	56.3	64,141.9	34,703.8	54.1	73,319.6	34,404.6	46.9
Foreign except Canadian	37,353.8	24,433.7	65.4	48,771.7	31,212.4	64.0	56,081.5	30,852.3	55.0
Caribbean	11,713.5	7,865.5	67.1	17,058.1	11,666 3	68.4	15,659.4	7,827.9	50.0
East Coast South America	4,438.6	2,687.2	60.5	3,632.0	2,234.4	61.5	4,523.6	2,450.3	54.2
West Coast South America	5,780.3	5,201.7	90.0	6,976.4	6,072.3	87.0	9,603.6	8,150.8	84.9
West Coast Central America and Mexico	780.7	395.0	50.6	1,114.4	919.9	82.5	1,416.1	1,057.7	74.7
Gulf Coast Mexico	631.3	82.9	13.1	705.9	209.2	29.6	559.5	140.9	25.2
United Kingdom and Eire	705.1	370.1	52.5	1,088.7	349.7	32.1	1,035.2	369.6	35.7
Baltic, Scandinavia, Iceland and Greenland	2,160.2	572.5	26.5	5,139.6	2,186.1	42.5	5,325.1	1,486.0	27.9
Bayonne-Hamburg Range	279.2	163.0	58.4	464.4	199.9	43.0	1,920.6	771.3	40.2
Portugal and Spanish Atlantic Azores, Mediterranean, and Black Sea	558.8	206.1	36.9	500 3	108.3	21.6	523.4	194.6	37.2
West Coast Africa	1,607.3	1,177.7	73.3	2,012.5	1,001.9	49.8	4,392 5	1,785.7	40.7
South and East Africa	1,596 6	795 2	49.8	1,263.7	330 2	26.1	1,144.9	354.8	31.0
Australasia	1,677.5	1,516.5	90.4	1,589.5	1,507.2	94.8	1,719.9	1,551.6	90.2
India, Persian Gulf, and Red Sea	782.8	457.3	58.4	501.2	273.4	54.5	645.2	413.3	64.1
Straits Settlements and Netherlands East Indies	2,799.0	1,541.0	55.1	2,805.2	1,778.4	63.4	2,279.6	1,195.3	52.4
South China, Formosa, and Philippines	574.1	323.5	56.3	1,413.8	877.4	62.1	2,021.8	1,373.5	67.9
North China including Shanghai and Japan	1,109.7	938.4	84.6	2,275.8	1,346.2	59.2	2,866.4	1,455.9	50.8
Canadian	159.1	140.2	88.1	229.5	151.3	65.9	444.8	273.1	61.4
	13,285.1	4,082.4	30.7	15,371.2	3,491.3	22.7	17,238.0	3,552.3	20.6
Pacific Canada	1,256.9	504.3	40.1	1,588.5	564.5	35.5	2,492.6	1,142.0	45.8
Great Lakes Canada	7,251.3	1,999.0	27.6	7,403.1	1,045.5	14.1	6,817.1	1,120.8	16.4
Atlantic Canada and Newfoundland	4,776.9	1,579.1	33.1	6,379.6	1,881.5	29.5	7,928.4	1,289.6	16.3
TANKER CARGO									
Trade area, total	47,728.6	36,162.9	75.8	54,265.5	40,662.1	74.9	61,512.3	46,651.1	75.8
Foreign except Canadian	47,671.9	36,128.5	75.8	54,185.6	40,584.8	74.9	61,431.6	46,586.8	75.8
Caribbean	44,581 5	34,006 7	76.3	49,892 0	37,868.2	75.9	52,030.2	39,979.5	76.8
East Coast South America	55.7	22 0	39.5	59.4	22.5	37.9	.8	----------	-------
West Coast South America	15.0	15.0	100.0	34.1	----------	-------	25 0	----------	-------
West Coast Central America and Mexico	9.7	----------	-------	15.6	----------	-------	17.0	----------	-------
Gulf Coast Mexico	2,283.8	1,376.3	60.3	3,553.6	2,394.9	67.4	2,152.7	1,606.4	74.6
United Kingdom and Eire	17.3	(2)	-------	276.9	20.9	7.5	307.4	79.5	25.8
Baltic, Scandinavia, Iceland, and Greenland	(2)	----------	-------	6.1	----------	-------	28.0	----------	-------
Bayonne-Hamburg Range	.2	(2)	-------	(2)	----------	-------	87.1	4.8	5.5
Portugal and Spanish Atlantic Azores, Mediterranean, and Black Sea	(2)	(2)	100.0	.2	----------	-------	179.1	86.5	48.3
West Coast Africa	----------	----------	-------	----------	----------	-------	----------	----------	-------
South and East Africa	----------	----------	-------	----------	----------	-------	----------	----------	-------
Australasia	(2)	(2)	100.0	----------	----------	-------	4.0	4.0	100.0
India, Persian Gulf, and Red Sea	674.9	674.9	100.0	280.6	212.1	75.6	6,600.2	4,826.2	73.1
Straits Settlements, Netherlands East Indies	33.4	33.4	100.0	66.2	66.2	100.0	----------	----------	-------
South China, Formosa, and Philippines	----------	----------	-------	(2)	----------	-------	(2)	----------	-------
North China including Shanghai and Japan	.3	(2)	-------	1.2	----------	-------	----------	----------	-------
Canadian	56.7	34.4	60.7	80.1	77.5	96.8	80.8	64.3	79.6
Pacific Canada	(2)	(2)	100.0	(2)	(2)	100.0	(2)	----------	-------
Great Lakes Canada	23.9	23.9	100.0	33.6	33.6	100.0	73.9	64.3	87.0
Atlantic Canada and Newfoundland	32.8	10.5	32.0	46.5	43.9	94.4	6.9	----------	-------

[1] Preliminary.

[2] Less than 50,000 pounds.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation, and current summary reports, FT 973.

No. 649.—Water-Borne Imports and Exports—Shipping Weight on Dry Cargo and Tanker Vessels, by Trade Areas and Countries: 1946

[In millions of pounds. Imports represent general imports; exports cover foreign and domestic merchandise. For definitions of dry cargo and tanker vessels, see p. 524]

COUNTRY OF LADING OR UNLADING	IMPORTS			EXPORTS		
	Total	Dry cargo	Tanker	Total	Dry cargo	Tanker
Grand total	**98,367.6**	**50,638.9**	**47,728.6**	**174,085.1**	**143,719.3**	**30,365.7**
Caribbean	**56,295.0**	**11,713.5**	**44,581.5**	**8,139.2**	**6,935.0**	**1,204.2**
Guatemala, east coast	628.6	628.6	(1)	178.4	162.4	16.0
British Honduras	90.5	90.5	(1)	36.6	36.6	----
Honduras, east coast	654.3	654.3	----	156.1	156.1	----
Nicaragua, east coast	35.2	35.2	----	22.3	19.3	3.0
Costa Rica, east coast	56.7	56.7	(1)	74.1	61.7	12.4
Republic of Panama, east coast	14.6	14.6	----	14.6	14.6	----
Canal Zone	96.3	66.9	29.4	568.4	487.6	80.8
Bermuda	2.1	2.1	----	50.4	50.4	----
Bahamas	7.0	7.0	----	51.1	51.1	----
Cuba	7,808.7	6,896.6	912.1	3,521.7	2,528.8	992.9
Jamaica	40.2	40.2	----	212.3	212.3	----
Haiti	322.5	294.1	28.4	97.7	97.7	----
Dominican Republic	490.3	277.5	212.8	347.9	322.5	25.4
Windward Islands	11.8	11.8	----	7.1	7.1	----
Leeward Islands	1.3	1.3	----	7.9	7.9	----
Barbados	8.1	8.1	----	18.0	18.0	----
Trinidad and Tobago	609.7	593.4	16.3	220.5	220.5	(1)
Curacao (N. W. I.)	17,179.1	141.4	17,037.7	274.5	208.0	66.5
French West Indies	8.0	7.0	1.0	131.6	125.6	6.0
Colombia, north coast	3,356.9	342.7	3,014.2	476.4	476.4	(1)
Venezuela	23,499.6	170.1	23,329.5	1,628.7	1,627.6	1.1
British Guiana	103.2	103.2	----	16.0	16.0	----
Surinam (Netherlands Guiana)	1,270.1	1,270.1	----	23.4	23.4	----
French Guiana	----	----	----	3.3	3.3	----
East Coast South America	**4,494.3**	**4,438.6**	**55.7**	**8,655.4**	**8,061.8**	**593.6**
Brazil	2,947.7	2,947.7	(1)	5,422.2	5,127.6	294.6
Paraguay	2.6	2.6	----	.2	.2	----
Uruguay	280.5	280.5	----	724.0	690.1	33.9
Argentina	1,263.6	1,207.9	55.7	2,509.0	2,243.9	265.1
West Coast South America	**5,795.3**	**5,780.3**	**15.0**	**1,783.4**	**1,749.8**	**33.6**
Colombia, west coast	456.6	456.6	----	310.3	310.3	----
Ecuador	74.6	74.6	----	120.7	120.7	(1)
Peru	533.9	518.9	15.0	585.6	585.6	(1)
Chile	4,730.1	4,730.1	----	766.8	733.2	33.6
West Coast Central America and Mexico	**790.4**	**780.7**	**9.7**	**641.5**	**318.9**	**322.6**
Mexico, west coast	88.1	78.4	9.7	338.9	50.4	288.5
Guatemala, west coast	36.4	36.4	----	56.0	30.0	26.0
El Salvador	73.1	73.1	----	61.7	53.7	8.0
Honduras, west coast	4.0	4.0	----	12.0	11.9	.1
Nicaragua, west coast	35.8	35.8	----	38.1	38.1	----
Costa Rica, west coast	300.2	300.2	----	68.0	68.0	----
Republic of Panama, west coast	252.7	252.7	----	66.8	66.8	----
Gulf Coast Mexico	**2,915.1**	**631.3**	**2,283.8**	**818.1**	**815.1**	**3.0**
Mexico, east coast	2,915.1	631.3	2,283.8	818.1	815.1	3.0
United Kingdom and Eire	**722.4**	**705.1**	**17.3**	**15,755.1**	**6,320.6**	**9,434.5**
England	597.1	580.0	17.1	15,155.8	5,754.8	9,401.0
Wales	1.6	1.6	----	89.2	55.7	33.5
Scotland	103.7	103.5	.2	364.1	364.1	----
Northern Ireland	16.1	16.0	.1	28.9	28.9	----
Eire	4.0	4.0	----	117.2	117.2	----
Baltic, Scandinavia, Iceland, and Greenland	**2,160.2**	**2,160.2**	(1)	**13,469.7**	**11,210.0**	**2,259.7**
Greenland	18.3	18.3	----	10.8	10.8	----
Iceland	33.1	33.1	----	80.3	80.3	----
Sweden	1,041.2	1,041.2	(1)	4,892.7	3,818.0	1,074.7
Norway	530.1	530.1	----	2,452.1	2,255.5	196.6
Denmark	32.3	32.3	(1)	2,785.7	2,278.0	507.7
Finland	296.8	296.8	----	994.4	842.9	151.5
Estonia	(1)	(1)	----	----	----	----
Latvia	11.7	11.7	----	30.4	30.4	----
Poland and Danzig	2.7	2.7	----	1,905.6	1,576.3	329.3
U. S. S. R. (Russia), west	193.7	193.7	----	317.8	317.8	(1)
Bayonne-Hamburg Range	**279.4**	**279.2**	**.2**	**33,545.0**	**29,098.9**	**4,446.1**
Netherlands	69.6	69.6	----	6,694.0	5,872.1	821.9
Belgium and Luxembourg	75.0	75.0	----	7,396.8	6,655.0	741.8
France, Atlantic	130.7	130.5	.2	17,683.2	14,928.4	2,754.8
Germany, North Sea	4.0	4.0	----	1,771.0	1,643.4	127.6

1 Less than 50,000 pounds.

No. 649.—Water-Borne Imports and Exports—Shipping Weight on Dry Cargo and Tanker Vessels, by Trade Areas and Countries: 1946—Continued

[In millions of pounds]

Country of lading or unlading	Imports			Exports		
	Total	Dry cargo	Tanker	Total	Dry cargo	Tanker
Portugal and Spanish Atlantic	558.8	558.8		2,128.1	1,821.2	306.9
Spain, Atlantic	308.7	308.7		505.8	241.6	264.2
Portugal	250.1	250.1		1,622.2	1,579.6	42.6
Azores, Mediterranean and Black Sea	1,607.3	1,607.3	(1)	26,985.6	25,825 9	1,159.7
France, Mediterranean	12.9	12.9		3,551.6	3,047.4	504.2
U. S. S. R. (Russia), Black Sea	548.1	548.1		906.0	880.6	25.4
Azores	1.6	1.6		5.2	5.2	
Spain, Mediterranean	46.0	46.0	(1)	347.0	208.6	138.4
Gibraltar	3.9	3.9	(1)	18.7	18.7	
Malta				6.6	6.6	
Cyprus	7.9	7.9		.8	.8	
Italy	358.2	358.2	(1)	16,204.8	15,993.8	211.0
Aegean Islands	2.2	2.2		17.8	17.8	
Yugoslavia	.8	.8		682.2	682.2	
Greece	38.4	38.4		1,751.3	1,751.3	
Crete				(1)	(1)	
Rumania	.9	.9		3.4	3.4	
Bulgaria	3.6	3.6		14.4	14.4	
Turkey	200.6	200.6		279.2	230.5	48.7
Syria	21.6	21.6		71.5	71.5	
Palestine and Trans-Jordan	2.7	2.7		108.6	108.6	
Tangier	7.7	7.7		33.3	33.3	
Algeria	200.6	200.6		2,125.5	1,944.9	180.6
Tunisia	70.7	70.7		369.3	337.4	31.9
Libya	1.6	1.6				
Egypt, Mediterranean	77.0	77.0		479.3	459.8	19.5
Spanish Africa, n. e. s	(1)	(1)		9.1	9.1	
West Coast Africa	1,596.6	1,596.6		1,515.6	1,116.5	399.1
French Morocco	61.3	61.3		903.5	504.4	399.1
Canary Islands	(1)	(1)		17.9	17.9	
Cameroon	20.6	20.6		19.2	19.2	
French Equatorial Africa	(1)	(1)		14.5	14.5	
Dahomey				.1	.1	
Ivory Coast	17.9	17.9		1.4	1.4	
Senegal	1.4	1.4		211.4	211.4	
Togo	2.0	2 0				
Gold Coast	1,060.0	1,060.0		23.9	23.9	
Nigeria	124.7	124.7		28.3	28.3	(1)
Gambia	(1)	(1)				
Sierre Leone	70.9	70.9		6.5	6.5	
Madeira Islands	3.0	3.0		66.7	66.7	
Cape Verde Islands	(1)	(1)		52.3	52.3	
Portuguese Guiana and Angola	77.8	77.8		21.7	21.7	
Liberia	79.5	79.5		33.3	33.3	
Belgian Congo	77.6	77.6		114.8	114.8	
South and East Africa	1,677.5	1,677.5		1,813.8	1,476.4	337.4
St. Helena and dependencies	(1)	(1)				
Mauritius and dependencies	(1)	(1)		.5	.5	
Kenya	39.7	39.7		39.6	39.6	
Tanganyika	56.9	56.9		7.7	7.7	
Mozambique	744.0	744.0		279.3	191.0	88.3
Madagascar	16.0	16.0		30.1	30.1	
Reunion Island	(1)	(1)				
Union of South Africa	819.7	819.7		1,456.7	1,207.5	249.2
Southwest Africa	1.2	1.2				
Australasia	782.8	782.8	(1)	2,414.6	1,455.6	959.0
Australia	533.9	533.9	(1)	1,407.5	884.1	523.4
Tasmania	23.6	23.6				
New Guinea	3.8	3.8				
New Zealand	118.7	118.7		910.9	527.2	383.7
Samoa Island	8.4	8.4		.1	.1	
British Oceania	23.4	23.4		47.8	4.9	42.9
French Oceania	63.5	63.5		47.3	38.4	8.9
Japanese Mandated Islands	7.7	7.7		.8	.8	
India, Persian Gulf, and Red Sea	3,473.9	2,799.0	674.9	2,801.0	2,800.6	.4
Iraq (Mesopotamia)	73.1	73.1		20.8	20.8	
Iran (Persia)	57.0	22.8	34.2	60.8	60.8	(1)
Kuwait	35.1	.5	34.6	8.4	8.4	
Saudi Arabia	397.6	.3	397.3	159.2	159.2	
Arabia Peninsula States	.1	.1				
Aden	12.6	12.6		21.6	21.6	
State of Bahrein	210.1	1.3	208.8	16.8	16.8	(1)

[1] Less than 50,000 pounds.

No. 649.—Water-Borne Imports and Exports—Shipping Weight on Dry Cargo and Tanker Vessels, by Trade Areas and Countries: 1946—Continued

[In millions of pounds]

Country of lading or unlading	Imports			Exports		
	Total	Dry cargo	Tanker	Total	Dry cargo	Tanker
India, Persian Gulf, etc.—Con.						
India and dependencies	2,540.2	2,540.2	(1)	2,386.3	2,385.9	0.4
Ceylon	121.9	121.9		85.8	85.8	
Burma	1.4	1.4		29.8	29.8	
Egypt, Red Sea	.1	.1		2.6	2.6	
Anglo-Egyptian Sudan	21.4	21.4		4.9	4.9	
Eastern Italian Africa	1.6	1.6		.9	.9	
French Somaliland	1.6	1.6		3.1	3.1	
Straits Settlements and Netherlands East Indies	**607.4**	**574.1**	**33.4**	**505.3**	**503.4**	**1.9**
British Malaya	560.3	526.9	33.4	209.9	208.0	1.9
Netherlands Indies	47.2	47.2		295.4	295.4	
South China, Formosa, and Philippines	**1,109.7**	**1,109.7**		**2,746.9**	**2,703.6**	**43.3**
Thailand (Siam)	3.3	3.3		39.9	39.6	.3
French Indo-China	152.9	152.9		139.6	139.6	
Republic of the Philippines	908.4	908.4		1,943.4	1,900.4	43.0
China	(1)	(1)		32.8	32.8	
Hong Kong	45.0	45.0		579.7	579.7	
Formosa (Taiwan)				11.6	11.6	
North China, including Shanghai, and Japan	**159.4**	**159.1**	**.3**	**5,981.1**	**5,031.4**	**949.7**
U. S. S. R (Russia)	4.5	4.2	.3	971.4	285.0	686.4
China	56.4	56.4	(1)	4,592.9	4,329.6	263.3
Manchuria (Manchukuo)				.4	.4	
Korea (Chosen)	(1)	(1)		4.0	4.0	
Japan	98.5	98.5		412.3	412.3	
Pacific Canada	**1,256.9**	**1,256.9**	(1)	**3,133.2**	**187.6**	**2,945.6**
Canada, west	1,256.9	1,256.9	(1)	3,133.2	187.6	2,945.6
Great Lakes, Canada	**7,275.2**	**7,251.3**	**23.9**	**34,751.2**	**30,553.4**	**4,197.8**
Canada, central	7,275.2	7,251.3	23.9	34,751.2	30,553.4	4,197.8
Atlantic Canada and Newfoundland	**4,809.7**	**4,776.9**	**32.7**	**6,501.2**	**5,733.6**	**767.6**
Canada, east	4,216.4	4,183.7	32.7	6,013.3	5,282.4	730.9
Newfoundland	593.2	593.2		487.8	451.2	36.6
Miquelon and St. Pierre				(1)	(1)	

[1] Less than 50,000 pounds.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States.

No. 650.—Vessels Entered and Cleared in Foreign Trade—Net Registered Tonnage: 1840 to 1949

[**In thousands of net tons.** Excludes domestic trade. For definition of net registered tonnage and vessel entrances and clearances, see general note, p. 524. Figures cover years ending June 30 to and including 1918, calendar years thereafter. Seaports include all ports except northern border ports; see table 651. See also *Historical Statistics*, series K 146-157]

Yearly average or year	Entered		Cleared		Yearly average or year	Entered		Cleared	
	Seaports	Other ports	Seaports	Other ports		Seaports	Other ports	Seaports	Other ports
1840 [1]	1,788	501	1,861	492	1931-1935	54,928	10,462	55,214	10,351
1850	3,169	1,179	3,167	1,194	1936-1940	55,521	11,595	56,967	11,575
1860	5,000	3,275	5,257	3,533	1941-1945	52,620	15,374	56,304	15,489
1870	6,270	2,886	6,362	2,807	1937	59,980	11,580	61,177	11,704
1871-1875	8,462	2,997	8,514	2,994	1938	59,223	11,293	60,064	11,222
1876-1880	12,134	2,792	12,197	2,807	1939	57,973	11,019	59,218	11,088
1881-1885	13,604	2,931	13,781	2,917	1940	45,393	13,151	48,996	13,176
1886-1890	13,479	2,602	13,655	2,593	1941	42,616	16,445	46,142	16,454
1891-1895	16,801	2,816	16,965	2,876	1942	28,258	15,684	31,976	15,730
1896-1900	20,931	3,989	21,077	4,007	1943	44,739	16,345	50,232	16,484
1901-1905	24,551	5,939	24,633	5,918	1944	66,305	15,555	71,717	15,668
1906-1910	29,651	8,072	29,156	8,036	1945	81,182	12,839	81,452	13,107
1911-1915	36,035	11,879	35,954	12,061	1946	69,520	10,738	66,376	10,849
1915-1920 [2]	38,071	13,440	40,137	13,511	1947 [3]	80,856	12,907	84,489	12,617
1921-1925	52,959	13,334	53,578	13,075	1948 [3]	76,910	14,023	75,714	13,735
1926-1930	63,768	15,293	64,441	15,319	1949 [3]	74,701	10,999	73,063	11,223

[1] Year ending Sept. 30. [2] Average for period July 1, 1915, to Dec. 31, 1920.
[3] Preliminary data, subject to revision.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 651.—Vessels Entered and Cleared in Foreign Trade—Net Registered Tonnage by Regions, 1911 to 1949, and by Customs Districts, 1946 to 1949

[In thousands of net tons. See headnote, table 650]

CUSTOMS DISTRICT	1946		1947 [1]		1948 [1]		1949 [1]	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
Grand total	80,258	77,225	93,763	97,107	90,927	89,449	85,700	84,286
Seaports, total	69,520	66,376	80,856	84,489	76,910	75,714	74,701	73,063
North Atlantic coast, total	31,787	27,838	32,115	32,245	33,454	32,425	34,669	33,711
Maine, New Hampshire	1,673	1,275	1,365	1,172	1,786	1,547	1,851	1,518
Massachusetts	2,734	1,352	3,050	1,354	3,043	1,695	3,391	2,195
Rhode Island	259	202	276	360	389	458	301	420
Connecticut	141	117	227	217	147	213	153	374
New York	21,298	19,194	20,103	22,807	21,795	24,184	21,454	23,657
Philadelphia	5,681	5,698	7,094	6,333	6,296	4,320	7,519	5,547
South Atlantic coast, total	12,259	13,444	20,750	21,956	16,059	16,072	12,977	13,195
Maryland	5,424	6,075	8,588	8,162	6,147	5,197	5,879	4,738
Virginia	4,378	4,614	9,119	10,760	6,691	7,969	4,495	5,859
North Carolina	45	126	77	56	106	119	96	84
South Carolina	1,043	1,154	1,442	1,174	1,170	734	703	497
Georgia	800	662	699	574	755	544	567	516
Puerto Rico	432	616	505	889	717	1,104	894	1,120
Virgin Islands [2]	136	197	329	343	473	397	343	381
Gulf coast, total	14,684	15,080	16,686	18,117	16,501	16,516	15,719	14,860
Florida	1,935	2,124	2,551	2,993	2,228	2,229	2,224	2,328
Mobile	2,600	1,500	2,496	1,931	2,611	1,505	2,243	1,019
New Orleans	4,426	3,947	5,393	5,722	5,367	5,926	4,709	5,560
Sabine	1,353	1,875	1,528	2,048	1,505	1,736	1,890	1,301
Galveston	4,370	5,635	4,719	5,428	4,793	5,115	4,653	4,652
Mexican border, Laredo	254	233	414	356	388	312	343	340
Pacific coast, total	10,536	9,779	10,877	11,810	10,493	10,380	10,993	10,957
Washington	2,088	1,745	2,414	2,319	2,578	2,348	2,739	2,453
Oregon	1,088	915	1,315	1,580	935	785	1,499	1,237
San Francisco	3,104	3,464	2,649	3,551	2,487	2,905	1,921	2,814
Los Angeles	2,281	2,331	3,100	3,197	3,122	2,976	3,360	3,101
Alaska	216	251	290	321	375	332	343	400
Hawaii	1,527	1,041	844	810	817	999	928	915
San Diego	232	32	259	34	181	28	203	37
Northern border, total	10,738	10,849	12,907	12,617	14,023	13,735	10,999	11,223
St. Lawrence	92	40	117	45	150	33	80	48
Rochester	1,250	1,287	1,740	1,728	1,648	1,580	951	933
Buffalo	469	245	596	201	640	265	688	444
Ohio	5,198	6,466	5,580	6,888	5,849	7,629	4,367	6,005
Michigan	1,518	1,114	1,974	1,701	1,987	1,817	1,943	1,677
Chicago	264	749	438	919	313	954	507	827
Wisconsin	247	288	256	319	262	237	266	192
Duluth and Superior	1,700	658	2,205	721	3,178	1,211	2,197	1,097

YEARLY AVERAGE OR YEAR	ATLANTIC COAST		GULF COAST		PACIFIC COAST		Mexican border, total	NORTHERN BORDER	
	Total	With cargo	Total	With cargo	Total	With cargo		Total	With cargo
Entrances:									
1911–1915	24,293	20,708	6,635	3,377	5,055	3,649	52	11,879	4,564
1915–1920 [3]	24,581	16,094	7,939	4,646	5,487	4,329	64	13,440	5,646
1921–1925	30,979	27,133	12,390	8,243	9,562	6,070	28	13,334	6,475
1926–1930	36,884	33,003	11,634	7,415	15,100	8,247	150	15,293	7,700
1931–1935	31,721	28,668	8,058	4,858	14,968	9,239	180	10,462	4,997
1936–1940	30,634	26,925	10,115	5,593	14,108	9,368	663	11,595	5,187
1941–1945	34,914	18,397	6,454	4,463	11,211	6,153	40	15,374	5,060
1944	47,885	19,807	4,869	4,239	13,478	8,186	72	15,555	5,049
1945	50,828	25,025	9,939	4,786	20,291	8,063	123	12,839	3,780
1946	44,046	25,362	14,684	5,494	10,536	5,317	254	10,738	2,325
1947 [1]	52,875	30,834	16,686	7,269	10,877	5,423	414	12,907	2,581
1948 [1]	49,513	36,198	16,501	8,273	10,493	6,227	388	14,023	2,900
1949 [1]	47,646	39,408	15,719	9,193	10,993	7,495	343	10,999	2,957
Clearances:									
1911–1915	23,608	21,765	7,193	6,414	5,104	4,643	50	12,061	8,567
1915–1920 [3]	25,921	23,168	8,528	6,915	5,626	4,762	62	13,511	9,637
1921–1925	30,837	24,284	12,833	9,589	9,880	8,360	28	13,075	9,236
1926–1930	36,361	28,696	12,326	10,641	15,658	13,148	95	15,319	10,504
1931–1935	30,658	23,563	9,018	8,079	15,411	13,220	127	10,351	7,309
1936–1940	30,472	22,459	11,064	9,601	14,752	13,394	677	11,575	9,412
1941–1945	35,545	27,351	7,636	6,494	13,082	11,288	40	15,489	12,657
1944	49,450	40,812	6,274	5,271	15,928	13,995	65	15,668	12,016
1945	47,725	35,439	12,606	11,238	21,002	17,274	120	13,107	10,027
1946	41,282	27,048	15,080	13,066	9,779	7,629	233	10,849	9,548
1947 [1]	54,201	40,517	18,117	16,147	11,810	10,635	356	12,617	11,249
1948 [1]	48,497	32,595	16,516	14,169	10,380	9,169	312	13,735	12,339
1949 [1]	46,906	30,230	14,860	12,536	10,957	9,846	340	11,223	9,382

[1] Preliminary data, subject to revision.
[2] Reported as a foreign country prior to Jan. 1, 1935.
[3] July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 652.—Vessels Entered in Foreign Trade—Net Registered Tonnage, by Classes: 1881 to 1949

[**All figures except number of vessels and percentages in thousands of net tons.** See headnote, table 650. Totals represent sums of unrounded figures; may vary from sum of rounded amounts. See also *Historical Statistics*, series K 146–151]

YEARLY AVERAGE OR YEAR	Number of vessels, all ports	ALL PORTS				SEAPORTS				
		Total	American	Foreign	Percent American	All vessels	Sailing vessels	Steam vessels	With cargo	In ballast
1881–1890	32,038	16,308	3,395	12,913	20.8	13,542	5,251	8,291	11,560	1,982
1891–1900	31,781	22,269	4,978	17,291	22.4	18,866	3,816	15,050	14,184	4,682
1901–1905	34,040	30,490	6,802	23,688	22.3	24,551	2,606	21,945	19,205	5,346
1906–1910	34,375	37,722	8,372	29,350	22.2	29,651	1,816	27,834	23,621	6,029
1911–1915	38,951	47,914	12,205	35,709	25.5	36,035	1,574	34,461	27,778	8,257
1915–1920 [1]	42,713	51,511	21,999	29,512	42.7	38,071	1,899	36,173	25,128	12,943
1921–1925	41,546	66,293	29,645	36,648	44.7	52,959	1,004	51,955	41,471	11,488
1926–1930	45,846	79,062	30,314	48,748	38.3	63,768	472	63,296	48,710	15,058
1931–1935	31,338	65,390	23,847	41,543	36.5	54,928	227	54,701	42,835	12,093
1936–1940	33,954	67,117	19,243	47,873	28.7	55,521	102	55,419	41,951	13,570
1941–1945	38,997	67,994	34,658	33,336	51.0	52,620	37	52,583	28,995	23,625
1937	34,309	71,560	19,527	52,033	27.3	59,980	54	59,926	46,328	13,652
1938	33,079	70,516	19,020	51,496	27.0	59,223	51	59,172	42,806	16,417
1939	35,310	68,992	17,769	51,223	25.8	57,973	34	57,939	41,940	16,033
1940	33,636	58,544	19,220	39,324	32.8	45,393	60	45,333	34,008	11,385
1941	37,835	59,061	20,940	38,121	35.5	42,616	40	42,576	32,819	9,797
1942	31,358	43,942	13,611	30,331	31.0	28,257	32	28,225	18,077	10,181
1943	36,640	61,084	29,292	31,792	48.0	44,739	37	44,702	23,792	20,947
1944	40,834	81,860	48,071	33,789	58.7	66,305	30	66,275	32,297	34,008
1945	48,318	94,021	61,375	32,646	65.3	81,182	44	81,138	37,992	43,190
1946	48,082	80,258	53,045	27,213	66.1	69,520	24	69,496	36,348	33,172
1947 [2]	50,446	93,763	53,602	40,169	57.2	80,856	(3)	(3)	43,843	37,005
1948 [2]	50,238	90,927	47,726	43,199	52.5	76,910	(3)	(3)	51,044	25,866
1949 [2]	48,368	85,700	41,251	44,451	48.1	74,701	(3)	(3)	56,403	18,299

YEARLY AVERAGE OR YEAR	SEAPORTS—continued					NORTHERN BORDER PORTS			
	American vessels		Foreign vessels		Percent American	Total	American	Foreign	With cargo
	Total	With cargo	Total	With cargo					
1881–1890	2,933	2,559	10,609	9,001	21.7	2,766	462	2,304	1,976
1891–1900	3,619	2,956	15,247	11,228	19.2	3,403	1,359	2,044	1,589
1901–1905	3,962	3,246	20,589	15,960	16.1	5,939	2,840	3,099	2,602
1906–1910	4,175	3,471	25,475	20,150	14.1	8,072	4,197	3,875	3,207
1911–1915	5,276	4,200	30,759	23,578	14.6	11,879	6,929	4,950	4,564
1915–1920 [1]	14,508	11,375	23,563	13,753	38.1	13,440	7,490	5,950	5,646
1921–1925	22,526	18,404	30,433	23,068	42.5	13,334	7,119	6,215	6,475
1926–1930	23,182	18,809	40,586	29,901	36.4	15,293	7,132	8,162	7,700
1931–1935	19,854	16,870	35,074	25,965	36.1	10,462	3,993	6,469	4,997
1936–1940	16,090	13,865	39,432	28,086	29.0	11,595	3,154	8,441	5,187
1941–1945	30,059	16,877	22,560	12,118	57.1	15,374	4,599	10,775	5,060
1937	16,747	14,661	43,233	31,667	27.9	11,580	2,780	8,800	5,288
1938	15,899	13,080	43,324	29,726	26.8	11,293	3,121	8,172	5,085
1939	14,553	12,258	43,421	29,681	25.1	11,019	3,217	7,802	5,311
1940	15,740	13,965	29,652	20,043	34.7	13,151	3,480	9,671	4,953
1941	16,767	15,658	25,849	17,161	39.3	16,445	4,174	12,271	5,533
1942	10,326	8,004	17,931	10,073	36.5	15,684	3,285	12,400	5,105
1943	24,508	14,135	20,231	9,657	54.8	16,345	4,784	11,561	5,834
1944	42,196	20,509	24,109	11,788	63.6	15,555	5,875	9,680	5,049
1945	56,499	26,080	24,682	11,912	69.6	12,839	4,876	7,963	3,781
1946	49,143	23,437	20,378	12,911	70.7	10,738	3,902	6,835	2,324
1947 [2]	49,007	26,001	31,841	17,842	60.6	12,907	4,582	8,325	2,581
1948 [2]	43,270	28,107	33,640	22,937	56.3	14,023	4,457	9,568	2,900
1949 [2]	37,626	27,479	37,076	28,924	50.4	10,999	3,625	7,375	2,957

[1] Average for period July 1, 1915, to Dec. 31, 1920.
[2] Preliminary data, subject to revision.
[3] Not available.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 653.—Vessels Cleared in Foreign Trade—Net Registered Tonnage, by Classes: 1881 to 1949

[All figures except number of vessels and percentages in thousands of net tons. See headnote, table 650. Totals represent sums of unrounded figures; may vary from sum of rounded amounts. See also *Historical Statistics*, series K 152-157]

YEARLY AVERAGE OR YEAR	Number of vessels, all ports	ALL PORTS				SEAPORTS				
		Total	American	Foreign	Percent American	All vessels	Sailing vessels	Steam vessels	With cargo	In ballast
1881–1890	32,159	16,473	3,450	13,023	20.9	13,719	5,363	8,356	12,795	924
1891–1900	31,902	22,463	5,038	17,425	22.4	19,021	3,818	15,203	17,514	1,507
1901–1905	33,863	30,551	6,812	23,739	22.3	24,633	2,621	22,012	22,460	2,173
1906–1910	33,897	37,192	8,282	28,910	22.3	29,156	1,850	27,306	26,768	2,388
1911–1915	38,790	48,015	12,512	35,503	26.1	35,954	1,654	34,301	32,827	3,128
1915–1920 [1]	42,687	53,647	23,005	30,643	42.9	40,137	2,057	38,080	34,851	5,285
1921–1925	40,120	66,653	29,554	37,099	44.3	53,578	984	52,594	42,233	11,345
1926–1930	44,082	79,760	30,709	49,051	38.5	64,441	467	63,973	52,581	11,860
1931–1935	30,520	65,565	23,616	41,949	36.0	55,214	221	54,993	44,990	10,224
1936–1940	32,706	68,541	19,448	49,093	28.4	56,967	102	56,864	46,126	10,841
1941–1945	38,195	71,792	37,283	34,509	51.9	56,304	41	56,262	45,147	11,157
1937	32,850	72,880	19,938	52,942	27.4	61,177	53	61,123	49,853	11,324
1938	31,710	71,286	18,829	52,456	26.4	60,064	58	60,006	49,780	10,284
1939	34,192	70,306	18,156	52,150	25.8	59,218	33	59,185	48,170	11,048
1940	33,417	62,171	20,248	41,923	32.6	48,996	52	48,943	38,154	10,842
1941	38,024	62,596	21,869	40,726	34.9	46,142	44	46,098	32,714	13,428
1942	30,506	47,705	16,354	31,352	34.3	31,975	32	31,943	26,464	5,511
1943	35,915	66,716	33,682	33,034	50.5	50,232	37	50,195	42,470	7,762
1944	40,321	87,385	53,050	34,335	60.7	71,717	52	71,665	60,095	11,622
1945	46,210	94,559	61,460	33,099	65.0	81,452	42	81,410	63,992	17,461
1946	44,464	77,225	49,124	28,101	63.6	66,376	33	66,343	47,828	18,547
1947 [2]	48,345	97,107	54,066	43,042	55.7	84,489	[3]	[3]	67,490	16,999
1948 [2]	46,067	89,449	45,775	43,667	51.2	75,714	[3]	[3]	56,154	19,552
1949 [2]	43,503	84,286	39,681	44,604	47.1	73,063	[3]	[3]	52,759	20,304

YEARLY AVERAGE OR YEAR	SEAPORTS—continued					NORTHERN BORDER PORTS			
	American vessels		Foreign vessels		Percent American	Total	American	Foreign	With cargo
	Total	With cargo	Total	With cargo					
1881–1890	2,978	2,541	10,741	10,254	21.7	2,754	472	2,282	1,778
1891–1900	3,644	2,914	15,377	14,600	19.2	3,442	1,394	2,048	2,129
1901–1905	4,000	3,284	20,633	19,176	16.2	5,918	2,812	3,106	3,825
1906–1910	4,084	3,498	25,072	23,270	14.0	8,036	4,198	3,838	5,673
1911–1915	5,361	4,522	30,594	28,305	14.9	12,061	7,151	4,909	8,567
1915–1920 [1]	15,455	11,505	24,681	23,346	38.5	13,511	7,550	5,962	9,637
1921–1925	22,556	14,974	31,022	27,259	42.1	13,075	6,998	6,077	9,236
1926–1930	23,338	17,071	41,102	35,510	36.2	15,319	7,371	7,948	10,504
1931–1935	19,653	15,729	35,561	29,261	35.6	10,351	3,962	6,388	7,309
1936–1940	16,302	13,116	40,665	33,009	28.6	11,575	3,146	8,429	9,412
1941–1945	32,585	26,377	23,718	18,770	57.9	15,489	4,698	10,789	12,657
1937	17,134	14,038	44,043	35,815	28.0	11,704	2,804	8,900	9,890
1938	15,742	12,893	44,322	36,887	26.2	11,222	3,087	8,135	9,348
1939	14,903	12,130	44,316	36,040	25.2	11,088	3,253	7,835	8,880
1940	16,766	12,904	32,230	25,249	34.2	13,176	3,483	9,693	11,401
1941	17,701	12,251	28,441	20,462	38.4	16,454	4,169	12,285	13,824
1942	13,149	10,827	18,826	15,637	41.1	15,730	3,205	12,525	13,782
1943	28,826	24,140	21,406	18,330	57.0	16,484	4,856	11,628	13,638
1944	46,919	39,960	24,798	20,134	65.4	15,668	6,131	9,538	12,016
1945	56,332	44,705	25,120	19,286	69.2	13,107	5,129	7,979	10,027
1946	45,113	31,963	21,263	15,865	68.0	10,849	4,012	6,837	9,548
1947 [2]	49,534	38,786	34,955	28,704	58.6	12,617	4,531	8,085	11,249
1948 [2]	41,348	29,840	34,358	26,314	54.6	13,735	4,428	9,309	12,339
1949 [2]	36,136	25,446	36,927	27,313	49.5	11,223	3,545	7,677	9,382

[1] Average for period July 1, 1915, to Dec. 31, 1920.
[2] Preliminary data, subject to revision.
[3] Not available.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 654.—Vessels Entered and Cleared at Seaports in Foreign Trade—Net Registered Tonnage, by Countries of Origin and Destination: 1921 to 1946

[**In thousands of net tons.** Only traffic by sea is included. For definition of net tonnage, see general note, p. 524]

COUNTRY	1921–1925, average	1926–1930, average	1931–1935, average	1936–1940, average	1941–1945, average	1944	1945	1946
Total by sea:								
Entered	52,959	63,768	54,928	55,521	52,620	66,305	81,182	69,520
Cleared	53,578	64,441	55,214	56,967	56,304	71,717	81,452	66,376
Belgium:								
Entered	1,231	1,560	1,068	940	929	9	4,630	2,918
Cleared	1,190	1,280	1,013	892	348	---	1,739	2,318
Denmark:								
Entered	372	532	451	251	23	---	114	809
Cleared	450	686	402	167	21	---	107	681
France:								
Entered	1,953	2,321	2,027	2,093	1,721	1,050	7,531	6,209
Cleared	2,250	2,475	2,582	2,395	1,016	25	5,008	6,500
Germany:								
Entered	2,998	3,813	3,806	2,530	48	---	241	2,826
Cleared	3,165	3,714	3,235	2,119	50	---	251	2,132
Italy:								
Entered	1,707	2,101	1,909	1,638	1,706	3,949	4,139	4,593
Cleared	1,986	2,023	1,869	1,727	603	766	2,085	5,080
Netherlands:								
Entered	1,654	2,081	1,389	1,804	100	---	493	1,762
Cleared	1,464	1,499	1,050	1,358	107	---	529	1,597
Norway:								
Entered	384	360	379	554	52	---	261	631
Cleared	412	361	269	365	54	---	270	705
Spain:								
Entered	608	850	674	361	210	190	306	454
Cleared	463	612	597	250	139	86	157	283
Sweden:								
Entered	504	681	695	834	132	53	537	1,007
Cleared	353	498	412	604	93	38	297	1,050
United Kingdom:								
Entered	9,378	10,614	6,087	6,422	13,274	22,804	15,611	8,026
Cleared	8,647	10,577	6,147	5,871	11,912	18,362	11,715	5,400
Canada:								
Atlantic coast—[1]								
Entered	1,201	1,607	2,265	2,033	1,110	635	891	1,504
Cleared	1,331	1,709	2,267	2,408	4,775	8,274	5,602	1,325
British Columbia, Yukon—								
Entered	4,571	6,619	6,682	6,551	2,670	3,086	2,026	2,039
Cleared	4,573	6,556	6,878	7,272	3,092	2,832	2,228	2,539
Central America: [2]								
Entered	1,734	2,391	2,368	3,307	2,191	1,399	3,990	3,516
Cleared	1,640	2,692	2,801	4,211	2,535	2,644	3,721	2,837
Mexico:								
Entered	8,160	2,840	1,548	1,932	705	502	704	1,199
Cleared	8,391	2,892	1,755	2,028	780	593	744	1,173
British West Indies, Bermuda, and British Honduras:								
Entered	1,351	1,975	3,210	2,684	897	942	651	649
Cleared	1,435	2,216	3,400	3,172	1,334	1,638	1,140	1,119
Cuba:								
Entered	4,769	5,875	5,435	4,988	3,133	3,388	2,630	2,506
Cleared	4,659	5,832	5,292	4,832	3,012	3,207	2,517	2,895
Dominican Republic:								
Entered	380	713	688	499	283	377	154	212
Cleared	449	920	903	589	342	461	272	398
Haiti:								
Entered	105	220	176	251	128	103	108	169
Cleared	230	204	188	262	135	74	102	204
Argentina:								
Entered	1,006	966	499	828	534	546	434	657
Cleared	707	997	358	494	244	175	205	685
Brazil:								
Entered	552	918	803	637	707	677	792	721
Cleared	913	1,252	924	1,241	882	663	859	1,565
Chile:								
Entered	975	1,387	545	1,039	747	699	841	898
Cleared	793	1,058	507	734	511	372	610	604
Colombia:								
Entered	144	958	1,056	599	633	882	935	871
Cleared	226	966	1,015	1,030	592	705	571	1,167
British India, British Malaya, and Ceylon:								
Entered	576	833	704	691	877	788	997	1,231
Cleared	330	428	289	279	1,245	2,009	1,829	569

[1] Beginning 1939 includes maritime provinces only.
[2] Not including British Honduras.

No. 654.—Vessels Entered and Cleared at Seaports in Foreign Trade—Net Registered Tonnage, by Countries, Etc.—Continued

COUNTRY	1921–1925, average	1926–1930, average	1931–1935, average	1936–1940, average	1941–1945, average	1944	1945	1946
China, Hong Kong, and Kwantung:								
Entered	959	1,044	827	805	96	---	106	1,224
Cleared	963	894	562	359	96	---	194	1,556
Japan:								
Entered	1,607	2,320	2,169	2,853	733	---	2,294	2,691
Cleared	2,106	3,284	3,815	4,631	623	---	1,308	2,122
Philippine Islands:								
Entered	408	611	1,012	986	1,110	9	4,534	1,970
Cleared	359	503	466	663	454	---	1,472	1,168
Oceania:								
Entered	509	931	778	693	4,651	7,558	8,242	1,318
Cleared	946	1,396	831	714	2,677	3,399	5,071	1,022
All other countries:								
Entered	3,165	6,649	5,677	6,717	13,220	16,659	16,990	16,910
Cleared	3,149	6,913	5,388	6,299	18,631	25,394	30,849	17,682

No. 655.—Vessels Entered and Cleared at Seaports in Foreign Trade—Net Registered Tonnage, by Nationality of Vessel: 1921 to 1946

[**In thousands of net tons.** Includes only traffic by sea and to and from foreign countries. The large trade with Canada on the Great Lakes and the St. Lawrence is handled primarily by vessels of the United States and of the British (Canadian) flag. British (Canadian) flag vessels predominate in this trade. See tables 652 and 653 in which the columns for northern border represent trade with Quebec and Ontario]

NATIONALITY	1921–1925, average	1926–1930, average	1931–1935, average	1936–1940, average	1941–1945, average	1944	1945	1946
Total by sea:								
Entered	**52,959**	**63,768**	**54,928**	**55,521**	**52,620**	**66,305**	**81,182**	**69,520**
Cleared	**53,578**	**64,441**	**55,214**	**56,967**	**56,304**	**71,717**	**81,452**	**66,376**
American:								
Entered	22,526	23,182	19,855	16,090	30,059	42,196	56,499	49,143
Cleared	22,556	23,338	19,653	16,302	32,585	46,919	56,332	45,113
Total foreign:								
Entered	30,433	40,586	35,074	39,432	22,561	24,109	24,682	20,378
Cleared	31,022	41,102	35,561	40,665	23,718	24,798	25,120	21,263
Belgian:								
Entered	332	374	274	332	143	107	173	280
Cleared	343	370	269	329	158	122	180	263
British:								
Entered	16,807	20,189	15,270	14,506	10,012	11,838	11,016	7,585
Cleared	17,064	20,291	15,373	14,889	10,749	12,319	11,149	7,346
Danish:								
Entered	929	1,136	917	1,040	40	2	199	544
Cleared	928	1,168	902	1,054	41	3	190	575
Dutch:								
Entered	1,300	1,798	1,634	2,322	1,212	1,325	1,326	880
Cleared	1,292	1,809	1,627	2,352	1,235	1,402	1,298	1,057
French:								
Entered	1,492	1,870	1,652	1,852	222	314	438	631
Cleared	1,518	1,905	1,694	1,859	227	323	502	699
German:								
Entered	847	2,654	3,260	2,488	---	---	---	3
Cleared	870	2,736	3,280	2,414	---	---	---	---
Italian:								
Entered	1,490	2,175	1,798	1,690	30	104	29	198
Cleared	1,569	2,150	1,800	1,704	33	104	62	210
Japanese:								
Entered	2,059	2,618	2,473	3,014	357	---	---	---
Cleared	2,235	2,741	2,682	3,428	400	---	---	---
Norwegian:								
Entered	2,817	4,026	4,072	6,672	3,932	4,061	4,562	3,489
Cleared	2,784	4,136	4,178	6,839	3,989	4,089	4,680	3,530
Spanish:								
Entered	480	571	459	185	198	183	251	383
Cleared	487	586	457	188	197	188	235	406
Swedish:								
Entered	564	985	1,013	1,206	542	291	818	1,192
Cleared	566	1,005	1,017	1,233	541	280	766	1,245
All other foreign:								
Entered	1,317	2,190	2,252	4,125	5,872	5,884	5,870	5,193
Cleared	1,366	2,206	2,281	4,377	6,148	5,968	6,058	5,932

Source of tables 654 and 655: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States.

23. Irrigation, Drainage, and Soil Conservation

Historical statistics.—Tabular headnotes (as "See also *Historicol Statistics*, series F 56–59") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible.

No. 656.—Irrigation Enterprises—Summary: 1910 to 1940

[Data are for the 17 Western States and Arkansas and Louisiana. Tables 656, 658, and 659 relate to irrigation enterprises of all types, including those operated by individual farmers. They are based on reports of management of enterprises. An enterprise is defined as "an independent irrigation establishment owning or operating works for supplying water to agricultural land." See also *Historical Statistics*, series F 56–59]

ITEM	CENSUS OF—			
	1910	1920	1930	1940
Approximate land area ..... 1,000 acres	1,224,063	1,223,989	1,223,989	[1] 1,225,057
Farms (irrigated and nonirrigated) [2] ..... number	1,776,046	1,916,391	2,062,813	1,897,845
Land in all farms [2] ..... 1,000 acres	416,463	505,441	568,694	629,050
Irrigation enterprises:				
Enterprises ..... number	56,858	63,298	75,517	91,637
Units irrigated ..... do	[3]	[3]	[3]	430,022
Area irrigated ..... 1,000 acres	14,433	19,192	19,548	21,004
Area existing works were capable of supplying with water ..... 1,000 acres	20,285	26,020	26,102	28,055
Area irrigable ..... 1,000 acres	[4] 32,245	[4] 35,891	30,599	31,306
Additional area existing works were capable of supplying with water ..... 1,000 acres	5,852	6,829	6,554	7,052
Additional irrigable area in enterprises, not supplied with water ..... 1,000 acres	[4] 17,812	[4] 16,699	11,052	10,302
Investment in irrigation enterprises ..... 1,000 dollars	321,454	697,657	892,756	1,052,049
Increase over preceding census ..... percent	359.2	117.0	28.0	17.8
Average per acre based on area works were capable of supplying with water ..... dollars	15.85	26.81	34.20	37.50
Increase over preceding census ..... percent	----------	69.1	27.6	9.6
Estimated completed cost of existing enterprises ..... 1,000 dollars	437,949	819,778	1,015,108	1,126,546
Average per acre based on irrigable area in enterprises ..... dollars	[4] 13.58	[4] 22.84	33.17	35.99
Average annual cost per acre irrigated for maintenance and operation of irrigation works ..... dollars	[5] 1.07	2.43	2.77	2.28

[1] Represents redeterminations and therefore differs from figures shown for earlier years.
[2] From Census of Agriculture. [3] Not available.
[4] Relates to total area in enterprises; irrigable areas not reported.
[5] Excludes cost of operation and maintenance for rice-growing districts in Gulf States; consequently figure is not comparable with those for later years.

Source: Department of Commerce, Bur. of Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

No. 657.—Irrigated and Nonirrigated Farms—Number, Acreage, and Value, by Tenure of Operator: 1940

[Data are for the 17 Western States and Arkansas and Louisiana from Census of Agriculture returns]

ITEM	Number of farms	Land in farms	CROPLAND HARVESTED, 1939		Irrigated pasture, 1939	VALUE OF—		
			Total	Irrigated [1]		Farms (land and buildings)	Buildings	Implements and machinery
		Thousands of acres				*Thousands of dollars*		
All farms	**1,897,845**	**629,050**	**143,844**	**15,067**	**2,749**	**12,803,166**	**2,555,506**	**1,095,720**
Owners and managers	1,076,457	459,429	84,360	11,006	2,318	8,783,602	1,850,916	737,899
Tenants	821,388	169,621	59,484	4,062	432	4,019,564	704,590	357,821
Irrigated farms, total	**291,655**	**112,601**	**19,711**	**15,067**	**2,749**	**3,467,117**	**629,915**	**283,024**
Owners and managers	221,639	97,503	14,493	11,006	2,318	2,784,525	529,180	217,718
Tenants	70,016	15,099	5,218	4,062	432	682,592	100,735	65,307
Wholly irrigated, total	219,614	65,985	11,995	11,995	2,071	2,366,971	448,860	191,640
Owners and managers	168,131	57,316	8,744	8,744	1,746	1,897,180	377,501	146,132
Tenants	51,483	8,669	3,251	3,251	326	469,791	71,358	45,509
Partly irrigated, total	72,041	46,617	7,716	3,072	678	1,100,145	181,056	91,384
Owners and managers	53,508	40,187	5,749	2,261	572	887,345	151,679	71,586
Tenants	18,533	6,430	1,967	811	106	212,801	29,377	19,798
Nonirrigated farms	1,606,190	516,449	124,132	----------	----------	9,336,050	1,925,590	812,696

[1] Excludes irrigated fallow land or land in irrigated crops that failed.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

No. 658.—Irrigation Enterprises—Area Irrigated, 1929 and 1939, and Capital Invested, 1930 and 1940, by States and by Principal Drainage Basins

[Data are for 17 Western States and Arkansas and Louisiana. Minus sign (−) denotes decrease]

State or drainage basin	Area irrigated			Increase 1929–39	Capital invested			Increase 1930–40
	1929	1939			1930	1940		
		Total	Proportion of total			Total	Proportion of total	
STATE	*Acres*	*Acres*	*Percent*	*Percent*	*Dollars*	*Dollars*	*Percent*	*Percent*
Total for 19 States	**19,547,544**	**21,003,739**	**100.0**	**7.4**	**892,755,790**	**1,052,049,201**	**100.0**	**17.8**
Arizona	575,590	653,263	3.1	13.5	73,328,197	83,526,608	7.9	13.9
Arkansas	151,787	161,601	.8	6.5	6,836,648	5,766,895	.5	−15.6
California	4,746,632	5,069,568	24.3	6.8	310,967,979	318,889,218	30.3	2.5
Colorado	3,393,619	3,220,685	15.3	−5.1	87,603,240	106,849,343	10.2	22.0
Idaho	2,181,250	2,277,857	10.8	4.4	84,500,354	102,585,798	9.8	21.4
Kansas	71,290	99,980	.5	40.2	1,685,652	2,153,886	.2	27.8
Louisiana	450,901	447,095	2.1	−.8	15,744,743	11,565,513	1.1	−26.5
Montana	1,594,912	1,711,409	8.1	7.3	50,319,204	67,352,505	6.4	33.9
Nebraska	532,617	610,379	2.9	14.6	21,386,319	39,056,207	3.7	82.6
Nevada	486,648	739,863	3.5	52.0	15,457,931	16,906,790	1.6	9.4
New Mexico	527,033	554,039	2.6	5.1	19,834,380	32,735,997	3.1	65.0
North Dakota	9,392	21,615	.1	130.1	1,267,314	1,755,489	.2	38.5
Oklahoma	1,573	4,160	(1)	164.5	160,099	272,186	(1)	70.0
Oregon	898,713	1,049,176	5.0	16.7	38,754,548	50,961,251	4.8	31.5
South Dakota	67,107	60,198	.3	−10.3	4,502,117	5,395,610	.5	19.8
Texas	798,917	1,045,224	5.0	30.8	49,022,164	66,441,376	6.3	35.5
Utah	1,324,125	1,176,116	5.6	−11.2	35,669,819	41,896,532	4.0	17.5
Washington	499,283	615,013	2.9	23.2	40,561,895	56,415,196	5.4	39.1
Wyoming	1,236,155	1,486,498	7.1	20.3	35,153,187	41,522,801	4.0	18.1
PRINCIPAL DRAINAGE BASIN								
Red River (of the North)	2,099	4,493	(1)	114.1	20,925	130,566	(1)	524.0
Missouri River	4,185,180	4,410,385	21.0	5.4	136,506,721	179,750,238	17.1	31.7
Mississippi River, exclusive of Missouri River	902,560	927,594	4.4	2.8	31,831,673	37,101,932	3.5	16.6
Gulf of Mexico streams other than Mississippi River and Rio Grande	662,958	902,392	4.3	36.1	28,578,193	30,498,361	2.9	6.7
Rio Grande	1,564,725	1,521,578	7.2	−2.8	53,748,608	80,563,998	7.7	49.9
Colorado River	2,537,124	2,638,120	12.6	4.0	132,350,247	155,800,882	14.8	17.7
Whitewater Draw and Vamori Wash [2]	3,301	8,498	(1)	157.4	230,606	226,627	(1)	−1.7
Great Basin Drainage	2,036,033	2,073,727	9.9	1.9	67,579,074	59,698,865	5.7	−11.7
Columbia River	3,393,640	3,819,738	18.2	12.6	157,355,114	206,523,302	19.6	31.2
Klamath River	187,991	271,038	1.3	44.2	9,430,566	10,430,941	1.0	10.6
Sacramento-San Joaquin Delta and tributary streams	3,157,132	3,393,882	16.2	7.5	164,628,093	171,004,939	16.3	3.9
Pacific Ocean streams, other than Colorado, Columbia, and Klamath Rivers and Sacramento-San Joaquin Delta and triburary streams	914,801	1,032,294	4.9	12.8	110,495,970	120,318,550	11.4	8.9

[1] Less than 1/10 of 1 percent.

[2] Data for censuses of 1920 and 1930 are for Whitewater Draw and unidentified tributaries, and exclude the independent basin, Vamori Wash.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

No. 659.—Irrigation Enterprises—Dams, Reservoirs, Canals, Pipe Lines, and Flowing Wells, by States and by Principal Drainage Basins: 1940

[Data are for the 17 Western States and Arkansas and Louisiana]

State or drainage basin	Dams		Reservoirs		Canals		Pipe lines	Wells flowing	
	Diversion	Storage	Total	Capacity	Length	Capacity at main heading		Total	Yield
STATE	*Number*	*Number*	*Number*	*Acre-feet*	*Miles*	*Sec.-feet*	*Miles*	*Number*	*Gals. per min.*
Total for 19 States	34,544	4,607	7,709	33,787,382	127,533.7	612,021	28,584.9	4,641	555,073
Arizona	602	199	333	4,860,898	4,178.2	13,258	344.3	268	22,878
Arkansas	6	27	24	31,992	77.9	270	13.0	-------	-------
California	2,714	709	2,652	3,581,621	19,799.1	91,776	22,690.2	436	34,767
Colorado	4,792	1,015	1,071	2,071,522	19,864.0	139,780	245.1	886	54,859
Idaho	3,209	260	290	3,795,272	13,602.1	71,510	299.9	375	40,165
Kansas	102	40	80	32,584	292.5	3,347	24.1	24	1,453
Louisiana	105	114	75	34,199	2,421.0	10,335	63.6	502	12,695
Montana	6,136	468	517	1,301,422	15,702.5	66,745	148.1	44	9,834
Nebraska	351	156	164	2,306,159	3,331.3	14,256	126.1	19	370
Nevada	1,896	122	200	696,005	2,897.2	22,930	104.7	322	39,835
New Mexico	1,072	141	502	3,280,550	4,647.9	16,821	36.5	268	181,076
North Dakota	19	14	14	3,946	159.2	616	3.8	-------	-------
Oklahoma	8	21	20	900	42.2	277	24.4	-------	-------
Oregon	5,097	247	257	2,212,315	8,518.0	37,290	665.2	76	3,396
South Dakota	258	74	82	209,785	1,049.3	1,948	17.3	19	5,377
Texas	244	194	542	1,405,024	5,936.1	24,813	923.1	100	39,508
Utah	1,973	362	438	3,417,704	9,004.5	34,579	172.5	1,216	83,838
Washington	1,755	125	114	1,165,527	4,248.6	15,104	2,612.7	50	21,192
Wyoming	4,205	319	334	3,379,957	11,762.1	46,366	70.3	36	3,830
PRINCIPAL DRAINAGE BASIN									
Red River (of the North)	5	2	2	720	23.9	365	1.9	-------	-------
Missouri River	8,897	1,237	1,332	6,715,271	31,131.1	148,255	400.6	79	9,915
Mississippi River, exclusive of Missouri River	959	360	425	1,608,164	4,838.6	49,858	174.5	47	4,263
Gulf of Mexico streams other than Mississippi River and Rio Grande	196	204	436	334,176	4,569.8	18,860	221.0	576	43,504
Rio Grande	1,450	162	567	3,864,857	8,702.9	43,851	774.3	1,136	240,308
Colorado River	4,391	840	1,030	5,717,080	20,894.1	81,033	919.0	463	48,584
Whitewater Draw and Vamori Wash	158	6	18	74	26.0	484	4.9	6	765
Great Basin Drainage	4,263	462	766	3,781,538	10,757.6	57,949	984.7	1,698	118,499
Columbia River	11,208	590	614	7,517,123	27,535.0	121,457	3,181.4	374	65,579
Klamath River	670	52	60	1,165,143	1,904.3	9,179	52.8	3	42
Sacramento-San Joaquin Delta and tributary streams	1,497	358	1,310	2,681,435	15,202.8	72,735	7,437.1	47	3,403
Pacific Ocean streams, other than the Colorado, Columbia, and Klamath Rivers and Sacramento-San Joaquin Delta and tributary streams	850	334	1,149	401,801	1,947.6	7,995	14,432.7	212	20,211

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Irrigation of Agricultural Lands.

No. 660.—Irrigated Land in Farms, by States: 1939 and 1944

[In 1940, the schedule called for land from which irrigated crops were harvested in 1939, and for land irrigated in 1939 and used for grazing or pasture; in 1945, for total land in farms irrigated in 1944]

Division and State	Farms reporting		Acres irrigated	
	1939	1944	1939	1944
United States	**299,604**	**288,195**	**17,982,830**	**20,539,470**
The North	13,656	12,448	667,820	861,979
The South	32,639	29,008	1,601,384	2,372,296
The West	253,309	246,739	15,713,626	17,305,195
New England	**338**	**922**	**2,846**	**12,153**
Maine	33	3	143	100
New Hampshire	7	10	25	63
Vermont		2		6
Massachusetts	231	874	2,049	11,355
Rhode Island	10	9	109	133
Connecticut	57	24	520	496
Middle Atlantic	**1,446**	**1,415**	**17,260**	**30,792**
New York	567	646	5,948	10,316
New Jersey	580	675	7,956	11,712
Pennsylvania	299	94	3,356	8,764
East North Central	**1,491**	**1,206**	**10,833**	**12,795**
Ohio	658	463	4,536	4,178
Indiana	136	123	685	830
Illinois	72	47	307	368
Michigan	462	347	2,960	2,850
Wisconsin	163	226	2,345	4,569
West North Central	**10,381**	**8,905**	**636,881**	**806,239**
Minnesota	216	27	2,968	210
Iowa	88	54	2,258	1,197
Missouri	140	118	960	1,113
North Dakota	479	206	19,975	22,814
South Dakota	967	708	54,073	52,895
Nebraska	6,913	7,156	473,775	631,762
Kansas	1,578	636	82,872	96,248
South Atlantic	**4,119**	**4,199**	**128,037**	**224,446**
Delaware	2	3	7	22
Maryland	17	8	67	287
District of Columbia		16		45
Virginia	53	31	687	1,419
West Virginia	23	11	270	42
North Carolina	37	19	246	229
South Carolina	14	5	411	62
Georgia	26	14	158	423
Florida	3,947	4,092	126,191	221,917
East South Central	**111**	**211**	**891**	**1,113**
Kentucky	46	34	205	230
Tennessee	21	21	311	393
Alabama	37	153	281	487
Mississippi	7	3	94	3
West South Central	**28,409**	**24,598**	**1,472,456**	**2,146,737**
Arkansas	1,529	2,229	159,412	288,665
Louisiana	7,037	7,185	413,969	535,619
Oklahoma	275	74	4,437	2,237
Texas	19,568	15,110	894,638	1,320,216
Mountain	**135,414**	**127,963**	**9,912,862**	**10,703,164**
Montana	15,087	12,997	1,587,602	1,555,480
Idaho	29,898	28,571	1,895,048	2,026,280
Wyoming	8,637	7,793	1,284,027	1,353,873
Colorado	29,766	28,054	2,467,548	2,698,579
New Mexico	15,811	14,299	436,402	534,640
Arizona	10,339	9,634	575,464	736,027
Utah	22,612	23,543	911,135	1,124,081
Nevada	3,264	3,072	755,636	674,204
Pacific	**117,895**	**118,776**	**5,800,764**	**6,602,031**
Washington	17,426	15,974	493,982	520,153
Oregon	16,159	15,597	1,030,228	1,129,059
California	84,310	87,205	4,276,554	4,952,819

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, special release on irrigated land in farms.

No. 661.—Specified Crops Grown on Irrigated and Nonirrigated Lands—Farms Reporting, Acreage, and Average Yield: 1939

[Data are for the 17 Western States and Arkansas and Louisiana. Yields for irrigated crops based on farms reporting entire crop irrigated; yields for nonirrigated crops based on farms reporting no irrigation for such crops]

CROP	Total farms reporting [1]	IRRIGATED			Unit of production	NONIRRIGATED		
		Farms reporting [1]	Acres	Average yield per acre		Farms reporting [1]	Acres	Average yield per acre
Total for listed crops	([2])	([2])	**14,723,214**			([2])	**130,382,851**	
Corn for all purposes	1,064,658	57,314	643,984			1,009,906	23,970,768	
Harvested for grain	937,943	42,711	455,838	29.7	Bushel	896,717	19,724,466	15.3
Cut for silage	48,198	7,614	99,845	7.7	Ton	40,800	934,234	2.7
Hogged or grazed off, or cut for fodder	162,075	10,428	88,301			151,728	3,312,068	
Sorghums for all purposes, except sirup	570,677	15,239	313,909			556,805	12,994,923	
Harvested for grain	190,345	6,518	144,516	30.4	Bushel	184,240	4,451,208	10.4
Cut for silage (green weight)	31,342	1,488	32,638	7.4	Ton	29,959	722,104	3.9
Cut for hay or fodder (dry weight)	474,195	8,762	136,755	2.0	do	466,103	7,821,611	1.1
Mixed grains (other than flax and wheat mixture), threshed	24,250	4,221	51,974	34.2	Bushel	20,069	538,134	14.4
Oats threshed or cut and fed unthreshed	421,401	38,824	494,494			383,194	9,654,551	
Oats threshed	360,689	35,676	454,331	38.3	Bushel	325,480	8,862,926	22.4
Oats cut and fed unthreshed	73,291	3,815	40,163			69,537	791,625	
Barley threshed	251,098	45,750	978,270	34.6	Bushel	206,479	6,891,679	16.6
Rye threshed	66,427	1,139	17,367	16.4	do	65,331	2,107,178	8.5
Flax threshed	22,586	1,147	93,170	18.1	do	21,469	656,064	6.5
Any wheat threshed	467,346	57,477	905,531			412,363	36,287,769	
Winter wheat threshed	292,760	12,797	353,846	23.2	Bushel	281,060	23,919,166	13.4
Spring wheat threshed	187,482	46,273	551,685	28.3	do	142,327	12,368,603	10.6
Rice (rough or paddy), threshed	8,505	8,447	848,292	51.5	do	68	171	22.5
All hay [3]	806,508	([2])	6,447,922			([2])	16,707,869	
Annual legumes saved for hay	122,248	919	10,524	1.8	Ton	121,357	928,119	1.0
Alfalfa hay	281,688	136,096	3,651,859	2.6	do	149,219	2,239,829	1.4
Sweetclover hay	32,165	3,934	57,840	1.5	do	28,316	505,718	1.1
Clover or timothy hay, alone or mixed	43,064	13,757	534,059	1.4	do	29,742	354,071	1.6
Small grain hay	133,841	17,862	241,831	1.5	do	116,832	2,024,609	1.0
All other tame hay	184,243	7,199	303,283	1.3	do	177,347	2,276,147	1.1
Wild hay	216,527	11,555	1,648,149	.9	do	205,644	7,879,395	.7
Soybeans, total	101,537	227	1,977			101,315	1,205,367	
Cowpeas, total	274,267	275	1,802			273,986	2,190,282	
Peanuts, total	139,728	345	3,448			139,392	569,852	
Vetches, velvetbeans, mung and horse beans	23,441	432	6,662			23,026	301,858	
Navy, pea bean, Great Northern, kidney, lima, pinto, and other dry field and seed beans, and lentils	35,046	19,745	449,298	23.2	Bushel	15,569	495,243	5.5
Lima beans (dry) [4]	1,471	975	71,277	28.1	do	578	52,805	14.7
Other dry field and seed beans [4]	5,357	3,698	111,551	21.1	do	1,767	66,478	9.4
Dry field and seed peas	7,862	4,265	76,506	[5] 19.3	do	3,623	154,754	[5] 17.4
Alfalfa seed	31,926	8,899	219,149	2.2	do	23,187	355,985	1.5
Irish potatoes	566,621	39,498	359,737	221.0	do	527,246	417,440	74.3
Sweetpotatoes and yams	203,939	1,844	10,546	113.1	do	202,115	184,509	65.6
Cotton	634,835	15,538	762,217	1.2	Bale [6]	619,624	12,750,177	.4
Sugar beets for sugar	29,862	29,213	626,190	13.1	Ton	764	20,200	9.8
Hops	864	324	12,896	1,422.0	Pound	559	16,868	851.0
Broomcorn	5,576	57	774	420.0	do	5,521	195,643	228.0
Popcorn	9,911	618	2,479	24.3	Bushel	9,300	10,543	12.1
Root and grain crops (other than corn and annual legumes) hogged or grazed off	32,409	1,503	20,162			30,965	847,354	
Land in bearing and nonbearing fruit orchards, vineyards, and planted nut trees (nurseries excluded)	295,452	86,576	1,374,638			211,532	857,670	

[1] A farm reporting both irrigated and nonirrigated crops is recorded as one farm in total.
[2] Not available. [3] Includes data for Lespedeza hay not shown separately.
[4] Data available only for Arizona and California.
[5] Computed by using acreages grown alone in all States except California, Idaho, Oregon, and Washington, where total acreages were used. [6] Running square bales of lint cotton, counting round as half bales.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Vol. III.

No. 662.—Drainage on Farms and Drainage Enterprises—Summary: 1920, 1930, and 1940

[Statistics for drainage on farms in first part of this table were collected from individual farmers, while those for drainage enterprises were obtained from a special canvass of organized drainage enterprises. A farm may have artificial drainage without being included in any organized enterprise; conversely, an organized enterprise may include a farm on which there is no artificial drainage, because the enterprise facilitates removal of water from that farm. Drainage enterprises comprise public corporations and local improvement districts established under State laws relating to drainage, commercial enterprises draining land for sale, other organizations engaged in extensive land drainage work, and tracts of 500 acres or more drained by individual farm owners. Enterprises may include timbered and other unimproved land not yet in farms. Data as to drainage on farms were not collected in the census of 1940. Canvass of drainage enterprises did not include New England States, N. Y., N. J., or Pa.; Del. and Md. were included only in 1940; no enterprises were found in Ala. or W. Va. before 1940, and none in Va. in 1920. See also *Historical Statistics*, series F 52-55]

ITEM	CENSUS OF—			Percent increase 1930–1940 [1]
	1920	1930	1940	
FARMS AND DRAINAGE ON FARMS				
All farms—number	6,448,343	6,288,648	6,096,799	−3.1
Farms reporting drainage—do	924,815	651,172	[2]	
All land in farms—1,000 acres	955,884	986,771	1,060,852	7.5
Farm land provided with drainage—do	53,025	44,524	[2]	
AREA, DRAINS, AND INVESTMENT IN ENTERPRISES				
Approximate land area of States reporting organized drainage enterprises [3]—1,000 acres	1,717,932	1,743,700	1,785,119	2.4
Land and drainage enterprises—do	65,495	84,408	86,967	3.0
Improved land—do	44,288	63,514	67,389	6.1
Unimproved land:				
Timber and cut-over—do	11,284	11,310	11,043	−2.4
Other—do	9,923	9,584	8,535	−10.9
Land unfit to raise any crop for lack of drainage—1,000 acres	[4] 7,224	7,396	7,134	−3.5
Land drained, fit to raise normal crop—do	[2]	66,234	75,004	13.2
Land partly drained, fit for partial crop—do	[2]	10,778	4,829	−55.2
Land in occupied farms—do	[2]	68,640	70,068	2.1
Land in planted crops—do	[2]	54,428	49,614	−8.8
Land idle—do	[2]	20,003	18,836	−5.8
Ditches, completed—miles	107,468	138,673	146,152	5.4
Tile drains, completed—do	42,312	55,032	55,734	1.3
Pumping plants: Capacity—horsepower	64,389	99,747	102,196	2.5
1,000 gals. per min	15,229	17,055	20,716	16.0
Capital invested in enterprises—1,000 dollars	372,274	680,250	691,725	1.7
Average, per acre—dollars	5.68	8.06	7.95	−1.4

[1] A minus sign (−) denotes decrease. [2] Not called for on schedule.
[3] 34 States included in 1920, 35 in 1930, and 38 in 1940.
[4] Swampy, subject to overflow, seeped or alkali.

Source: Department of Commerce, Bureau of the Census; Fifteenth and Sixteenth Census Reports, Drainage of Agricultural Lands.

No. 663.—Federal Reclamation Irrigation Projects—Acreage and Crop Value: 1937 to 1948

[**Acreage in thousands and value in thousands of dollars.** Includes projects constructed by United States and those for which supplemental water is furnished from storage works built by United States. Net area in cultivation and value exclude data for lands on Government projects cropped without irrigation]

YEAR	ENTIRE AREA			WARREN ACT LAND [2]			REGULAR AND SUPPLEMENTAL WATER PROJECTS			
	Irrigated acreage [1]	Net area in cultivation	Crop value	Irrigated acreage	Net area in cultivation	Crop value	Irrigated acreage	Net area in cultivation	Crop value	Irrigable acreage
1937	3,115	3,035	118,658	1,389	1,334	45,765	1,725	1,701	72,894	2,195
1938	3,107	3,041	113,463	1,329	1,276	45,604	1,778	1,764	67,860	2,276
1939	3,141	3,078	114,083	1,218	1,175	40,313	1,923	1,903	73,770	2,493
1940	3,391	3,316	117,789	1,238	1,177	37,690	2,153	2,139	80,098	2,769
1941	3,339	3,380	159,886	1,140	1,202	49,486	2,199	2,178	110,400	2,850
1942	3,881	3,822	272,049	1,603	1,562	116,429	2,278	2,260	155,620	3,392
1943	4,055	4,014	388,671	1,633	1,615	170,607	2,422	2,399	218,064	2,882
1944	4,164	4,139	411,226	1,695	1,664	186,543	2,469	2,475	224,683	2,916
1945	4,163	4,196	435,184	1,746	1,731	202,639	2,417	2,465	232,545	2,958
1946	4,322	4,397	530,624	1,808	1,830	250,913	2,514	2,567	279,711	3,038
1947	4,462	4,554	555,420	1,832	1,871	254,946	2,630	2,683	300,475	3,092
1948	4,559	4,700	534,624	1,894	1,939	257,463	2,665	2,760	277,161	3,221

[1] Estimated.
[2] Warren Act contracts are those which provide for sale of excess water to irrigation districts, i. e., water over and above project requirements. Lands served are usually located outside project proper. The act also provides for joint construction and financing of irrigation works by Federal Government and irrigation districts.

Source: Department of the Interior, Bureau of Reclamation; Annual Report of Secretary and official records.

No. 664.—Federal Reclamation Irrigation Projects—Charges and Rentals, by Project, to June 30, 1949

[In thousands of dollars]

State and project	Construction water-right charges			Operation and maintenance charges (after public notice)			Rentals of irrigation water		
	Amount due	Amount repaid	Due and unpaid	Amount due	Amount repaid	Due and unpaid	Amount due	Amount repaid	Due and unpaid
Total	**88,408**	**86,259**	**2,149**	**50,871**	**50,683**	**188**	**18,177**	**18,021**	**156**
Arizona:									
Gila	38	33	5						
Salt River	10,662	10,662					2,247	2,247	
Yuma Auxiliary	715	694	21	798	790	8	36	35	1
Arizona-California: Yuma	6,128	6,128	(1)	7,256	7,184	72	728	724	4
California:									
Central Valley							1,217	1,169	48
Orland	1,182	1,172	10	1,246	1,242	4	127	127	
Colorado:									
Fruit Growers Reservoir	20	20					2	2	
Grand Valley	956	944	12	1,125	1,125		665	665	
Pine River	138	112	26	29	29				
Uncompahgre	1,888	678	1,210	1,009	1,009		1,272	1,252	20
Idaho:									
Boise	8,418	8,377	41	2,389	2,389		1,513	1,513	
King Hill				61	61				
Minidoka	12,471	12,468	3	3,338	3,338		1,588	1,588	
Rathdrum Prairie	18	18		30	30	(1)			
Montana:									
Bitter Root	263	263							
Frenchtown	26	19	7						
Huntley	769	769		555	555		20	20	
Milk River	804	571	233	1,050	1,014	36	249	242	7
Sun River	848	848		169	169		132	132	
Montana-North Dakota:									
Lower Yellowstone	1,393	1,393		339	339		143	143	
Nebraska-Wyoming:									
North Platte	8,185	8,143	42	2,312	2,312		444	444	
Nevada:									
Humboldt	228	228							
Newlands	2,296	2,296	(1)	1,175	1,175		28	28	
Truckee-Storage	150	150							
New Mexico:									
Carlsbad	1,403	1,396	7	1,721	1,721		44	44	
Fort Sumner							87	87	
Hondo							9	9	
New Mexico-Texas:									
Rio Grande	6,027	6,027		10,226	10,226		1,762	1,762	
North Dakota:									
Buford-Trenton				2	2				
Williston				34	34				
Oklahoma: W. C. Austin	10	10					147	147	
Oregon:									
Baker	72	72							
Burnt River	142	142							
Deschutes	78	78					216	216	
Umatilla	904	472	432	440	440	(1)	129	103	26
Vale	160	160		470	470		22	22	
Oregon-California: Klamath	2,269	2,268	1	2,426	2,421	5	1,446	1,437	9
Oregon-Idaho: Owyhee	612	606	6	1,137	1,137		1,432	1,429	3
South Dakota:									
Belle Fourche	1,214	1,195	19	1,897	1,897		17	17	(1)
Rapid Valley	25	25		10	10				
Texas: Balmorhea	4	4		8	8				
Utah:									
Hyrum	149	147	2						
Moon Lake	239	239							
Newton	9	9		2	2				
Ogden River	716	696	20						
Provo River							200	200	
Salt Lake Basin	1,187	1,187							
Sanpete	82	80	2						
Scofield	42	42		6	6				
Strawberry Valley	2,097	2,097		377	377		18	18	
Washington:									
Okanogan	138	138		371	371		111	111	
Yakima	11,229	11,179	50	8,267	8,204	63	926	890	36
Wyoming:									
Kendrick							19	19	(1)
Riverton	227	227					798	797	1
Shoshone	1,777	1,777	(1)	595	595		381	380	

[1] Less than $500.

Source: Department of the Interior, Bureau of Reclamation; official records.

No. 665.—Federal Reclamation Irrigation Projects—Acreage and Crop Value, by Project: 1948

State and project	Projects entirely constructed by Bureau			Projects furnished supplemental water from works constructed by Bureau			Special and Warren Act contractors receiving water from Bureau works		
	Irrigable acreage[1]	Acreage in cultivation	Crop value (1,000)	Irrigable acreage[1]	Acreage in cultivation	Crop value (1,000)	Irrigable acreage[1]	Acreage in cultivation	Crop value (1,000)
Total	**2,606,602**	**2,128,139**	**$235,678**	**591,787**	**521,038**	**$37,431**	**2,158,551**	**1,939,241**	**$257,463**
Arizona: Gila	25,781	12,164	1,685				6,239	4,652	418
Salt River	243,125	224,635	33,080				97,444	84,253	11,824
Arizona-California: Yuma	68,948	56,260	15,302						
California:									
All-American Canal: Imperial Irrigation District							523,000	433,381	90,802
Central Valley							219,087	203,351	31,196
Orland	19,495	16,566	1,412						
Colorado:									
Fruitgrowers Dam				2,662	2,165	181			
Grand Valley [2]	40,471	29,256	2,782				7,950	7,679	848
Pine River				34,206	32,626	751			
Uncompahgre	92,190	64,324	3,633				5,889	5,537	254
Idaho: Boise	201,621	178,087	17,370				125,303	116,900	13,370
Minidoka	210,101	191,671	16,276	112,000	103,825	6,945	714,814	675,341	60,293
Rathdrum Prairie [3]				3,109	2,183	137			
Montana: Bitter Root [2]	16,665	16,442	603						
Buffalo Rapids [3]	22,926	21,172	901						
Dodson Pumping Unit [3]	935	935	49						
Frenchtown	4,935	2,664	113						
Huntley	32,508	16,896	1,100						
Intake [3]	881	349	14						
Milk River	122,495	65,714	2,884						
Sun River	97,066	85,074	2,840						
Montana-North Dakota:									
Lower Yellowstone	57,200	48,909	2,765						
Nebraska: Mirage Flats [3]	11,604	10,169	417						
Nebraska-Wyoming:									
North Platte	236,444	177,252	10,908				139,625	130,810	8,618
Nevada: Humboldt				39,131	25,085	1,639			
Newlands	69,472	52,591	3,192						
Truckee River Storage				28,811	24,725	1,849			
New Mexico: Carlsbad	25,055	20,167	2,727						
Tucumcari	25,024	16,069	778						
New Mexico-Texas:									
Rio Grande [4]	155,000	156,449	42,820				20,301	17,153	3,997
North Dakota:									
Buford-Trenton [3]	7,915	7,751	297						
Oklahoma: W. C. Austin	30,558	17,433	1,559						
Oregon: Baker				7,312	7,255	279			
Burnt River				15,291	15,260	511			
Deschutes	43,732	27,535	3,009	44,218	42,350	4,622			
Stanfield				6,000	5,073	268			
Umatilla	18,531	13,455	548				1,025	916	79
Vale	32,000	31,550	2,713						
Westland				8,055	4,819	243			
Oregon-California: Klamath	77,617	67,561	8,385				84,948	75,845	6,343
Oregon-Idaho: Owyhee	103,333	91,303	11,032				13,800	13,130	2,178
South Dakota:									
Belle Fourche	72,431	57,188	2,032						
Rapid Valley				10,735	15,342	280			
Texas: Balmorhea				10,550	7,144	683			
Utah: Hyrum				6,261	5,278	297			
Moon Lake				72,608	54,864	922			
Newton [3]				2,295	2,105	129			
Ogden River				22,125	15,384	1,435			
Provo River				46,365	39,603	4,864			
Sanpete				12,717	11,366	293			
Scofield [3]				15,609	14,009	420			
Strawberry Valley	42,190	39,188	2,115				6,174	5,908	334
Weber River				91,727	90,577	10,683			
Washington: Columbia Basin	5,743	235	19						
Okanogan	5,346	3,850	1,534						
Yakima	244,977	200,537	33,459				191,440	162,873	26,842
Wyoming: Kendrick	7,723	2,699	46						
Riverton	47,407	42,730	1,852				1,512	1,512	67
Shoshone	87,157	61,309	3,427						

[1] Area for which Bureau is prepared to supply water.
[2] Includes private projects reconstructed with Government funds.
[3] Water conservation and utilization project.
[4] Although there are 177,962 acres that can be irrigated within project limits, the area for which there is considered to be a safe and reliable water supply is 155,000 acres.

Source: Department of the Interior, Bureau of Reclamation; Annual Report of Secretary and official records.

No. 666.—Hydroelectric Plants on Reclamation Projects, Operating and Under Construction, as of December 31, 1949

STATE AND PROJECT	Plant	Year of initial operation	Present nameplate capacity (kw.)	Ultimate nameplate capacity (kw.)	Ultimate number of generators and capacities (kw.)
Total			**2,901,267**	[1] **7,171,967**	
Constructed and operated by Bureau of Reclamation, total			2,757,400	[2]3,926,500	
Arizona-Nevada: Boulder Canyon	Hoover [3]	1936	1,034,800	1,332,300	15–82,500; 1–40,000; 1–50,000; 2–2,400.
Arizona-California: Parker	Parker	1942	120,000	120,000	4–30,000.
California: Central Valley	Shasta	1944	379,000	379,000	5–75,000, 2–2,000.
Yuma	Siphon Drop	1926	1,600	1,600	2–800.
Colorado: Colorado-Big Thompson	Green Mountain	1943	21,600	21,600	2–10,800.
Idaho: Boise	Boise Diversion	1912	1,500	1,500	3–500.
	Black Canyon	1925	8,000	8,000	2–4,000.
Minidoka	Minidoka	1909	13,400	13,400	1–5,000; 1–2,400; 5–1,200.
New Mexico: Rio Grande	Elephant Butte	1940	24,300	24,300	3–8,100.
Washington: Columbia	Grand Coulee [4]	1941	1,100,000	1,974,000	18–108,000; 3–10,000.
Yakima	Prosser	1932	2,400	[2] 2,400	1–2,400.
Wyoming: North Platte	Guernsey	1927	4,800	4,800	2–2,400.
	Lingle	1919	1,400	1,400	2–400; 2–300.
Kendrick	Seminoe	1939	32,400	32,400	3–10,800.
Riverton	Pilot Butte	1925	1,600	1,600	2–800.
Shoshone	Heart Mountain	1948	5,000	5,000	1–5,000.
	Shoshone	1922	5,600	5,600	1–4,000; 2–800.
Constructed by Bureau of Reclamation: Operated by others, total			30,967	31,107	
Arizona: Salt River	Roosevelt	1909	15,400	15,400	5–1,080; 1–4,000; 1–6,000.
	Arizona Falls [5]	1913	850	850	2–425.
	Cross Cut [5]	1914	5,100	5,100	1–3,000; 3–700.
	S. Consolidated [5]	1912	1,600	1,600	2–800.
Colorado: Grand Valley	Grand Valley (Palisades)	1932	3,000	3,000	2–1,500.
Nevada: Newlands	Lahontan	1911	1,780	1,920	3–640.
Oregon: Deschutes	Cove [6]	1946	1,500	1,500	1–1,500.
Utah: Strawberry Valley	Spanish Fork [7]	1908	1,550	1,550	2–450; 1–250; 1–400.
Washington: Yakima	Rocky Ford	1916	187	187	1–187.
Constructed and operated by water users organizations, total			62,900	77,300	
Arizona: Salt River	Chandler	1919	600	600	1–600.
	Horse Mesa	1927	30,000	30,000	3–10,000.
	Mormon Flat	1926	7,000	7,000	1–7,000.
	Stewart Mountain	1930	10,400	10,400	1–10,400.
California: All American	Drop No. 3	1941	4,800	9,600	2–4,800.
	Drop No. 4	1941	9,600	19,200	2–9,600.
Oregon: Klamath	"C" Canal Drop	1938	500	500	1–500.
Constructed and operated by Corps of Engineers, Dept. of the Army: Power marketed by Bureau of Reclamation, total			50,000	85,000	
Montana: Fort Peck	Fort Peck	1943	50,000	85,000	2–35,000; 1–15,000.
Under construction by Bureau of Reclamation, total				892,100	
Arizona-Nevada: Davis	Davis	1951		225,000	5–45,000.
California: Central Valley	Keswick	1950		75,000	3–25,000.
Colorado: Colorado-Big Thompson	Estes	1950		45,000	3–15,000.
	Marys Lake	1950		8,100	1–8,000.
Idaho: Boise	Anderson Ranch	[8] 1950		[9] 40,500	3–13,500.
Palisades	Palisades	1954		[10] 112,500	5–22,500.
Montana: Missouri Basin	Canyon Ferry	1954		50,000	3–16,667.
Hungry Horse	Hungry Horse	1952		285,000	4–71,250.
Wyoming: Missouri Basin	Boysen	1952		15,000	2–7,500.
	Kortes	1950		36,000	3–12,000.
Under construction by Corps of Engineers, Dept. of the Army: Power to be marketed by Bureau of Reclamation, total				720,000	
North Dakota: Missouri Basin	Garrison	1954		400,000	5–80,000.
South Dakota: Missouri Basin	Ft. Randall	1953		320,000	8–40,000.

[1] Includes 1,439,960 kilowatt capacity authorized to be constructed.
[2] Temporary plant (Prosser) excluded from total.
[3] Power plant units operated by power allottees under agency contract.
[4] Power marketed by Bonneville Power Administration. Main units with a nameplate rating at 108,000 kilowatts have continuous operating capacity of 120,000 kilowatts.
[5] Powerplant constructed by Bureau of Reclamation with Salt River Valley Water Users' Association funds.
[6] Unit No. 3 installed in Pacific Power and Light Company's plant.
[7] Three plants: Spanish Fork (upper); Spanish Fork (lower); Payson.
[8] First two units completed.
[9] 27,000 kilowatts presently authorized.
[10] Tentative; may be revised.

Source: Department of the Interior, Bureau of Reclamation; official records.

No. 667.—Growth of Conservation Districts, by Fiscal Years, to June 30, 1949

Basic soil conservation district legislation has now been enacted in all of the 48 States and 4 of the Territories and possessions. Each of these laws contains an effective date after which soil conservation districts could be organized by local farmers and operators. A soil conservation district is a political subdivision of State which is determined by petition and referendum of farmers residing in area, and approved by State Soil Conservation Committee. Districts, in most cases, have authority to solicit Federal, State, county, and private assistance in carrying on their soil and water conservation program within the area. On request of local governing body of each soil conservation district, Department of Agriculture provides technical and other assistance to districts, through its several agencies. Such memorandums form basis on which any departmental assistance is provided to district for use on farms and ranches within district. After basic memorandum with Department has been signed, Soil Conservation Service signs a supplemental memorandum with each district governing body requesting assistance, to cover activities which Soil Conservation Service will help district to carry out]

YEAR ENDING JUNE 30	DISTRICTS ORGANIZED		TOTAL AREA IN DISTRICTS		DISTRICTS WITH SUPPLEMENTAL MEMORANDUMS	
	Each year	Cumulative total	New districts and additions	Cumulative total	Each year	Cumulative total
	Number	*Number*	*1,000 acres*	*1,000 acres*	*Number*	*Number*
1938	69	69	36,107	36,107	34	34
1939	92	161	52,339	88,446	79	113
1940	153	314	101,306	189,752	120	233
1941 [1]	241	555	145,091	334,843	201	434
1942	230	785	122,727	457,570	219	653
1943	116	901	60,102	517,672	159	812
1944	213	1,114	102,819	620,491	171	983
1945	[2] 232	1,346	[2] 120,368	740,859	221	1,204
1946 [3]	292	1,638	143,119	883,977	223	1,427
1947	[2] 251	1,889	[2] 118,991	1,002,969	315	1,742
1948	[2] 144	2,033	[2] 111,035	1,114,003	174	1,916
1949	[2] 131	2,164	[2] 64,760	1,178,763	158	2,074

[1] Includes wind-erosion districts and grazing districts for 1941 and subsequent years.
[2] Totals at end of each year are net, including corrections and adjustments made during year.
[3] Includes Imperial irrigation district, California.

Source: Department of Agriculture, Soil Conservation Service; Report of Chief of Soil Conservation Service.

No. 668.—Conservation Practices Newly Applied in Conservation Districts, With Soil Conservation Service Assistance, Fiscal Years: 1946 to 1949

[See headnote, table 667]

PRACTICES	Unit	1946	1947	1948	1949	Cumulative to June 30, 1949 [1]
Contour farming	Acres	2,790,507	3,553,047	3,183,501	3,352,922	19,250,228
Cover cropping	do	1,109,567	2,526,709	2,572,410	2,614,797	10,281,783
Stubble mulching	do	3,515,733	5,775,265	6,302,316	6,611,273	28,130,713
Strip cropping	do	505,427	755,444	747,178	692,995	4,927,008
Seeding range and pasture	do	1,295,738	1,876,359	1,811,417	1,358,856	5,194,438
Woodland management	do	1,126,617	1,805,585	2,178,428	3,077,106	10,354,564
Farm and ranch ponds	Number	21,319	29,935	30,388	31,206	139,671
Tree planting [2]	Acres	36,144	47,562	86,643	107,057	526,590
Terraces	Miles	87,976	108,253	87,263	96,621	615,170
Diversions	do	2,267	3,986	4,883	5,126	20,462
Farm drainage	Acres	503,499	917,042	1,089,730	1,103,412	3,964,221
Irrigation land preparation	do	110,491	167,124	217,673	254,905	848,096
Improved water application	do	312,079	432,695	527,638	562,667	2,199,574
Combined treatment	do	15,816,312	20,178,680	21,576,654	22,115,560	101,619,725

[1] These data are for first-time application only and do not include duplication of acreage for reapplication or maintenance of those same practices year after year.
[2] Includes acreage of windbreak planting.

Source: Department of Agriculture, Soil Conservation Service; Report of Chief of Soil Conservation Service.

No. 669.—Soil Conservation Districts—Summary, by States: Cumulative to June 30, 1949

[See headnote, table 667]

STATE OR OTHER AREA	Date district law became effective	Districts organized [1]	Approximate area and farms within organized districts			Districts having memo. of understanding with D. A. [2]	Active conservation plans [3]		Treated area [3]
			Total area	Farms and ranches	Land in farms				
		Number	*1,000 Acres*	*Number*	*1,000 Acres*	*Number*	*Number*	*1,000 acres*	*1,000 acres*
Total		2,164	1,178,763	4,571,693	795,860	2,086	668,322	184,907	101,620
Cont. U. S.		2,139	1,175,203	4,513,743	793,652	2,061	665,297	184,680	101,552
Alabama	Mar. 18, 1939	12	32,690	223,369	19,068	12	34,784	5,685	3,595
Arizona	June 16, 1941	44	1,064	7,195	1,059	44	2,238	560	251
Arkansas	July 1, 1937	52	29,702	161,330	14,841	52	33,581	5,223	2,869
California [4]	June 26, 1938	58	9,740	44,969	6,807	55	9,152	1,547	784
Colorado	May 6, 1937	83	28,896	32,386	19,093	78	6,150	6,756	3,844
Connecticut	July 18, 1945	7	2,535	20,372	1,273	7	900	117	26
Delaware	Apr. 2, 1943	3	1,266	9,296	923	3	633	114	39
Florida	June 10, 1937	44	22,609	50,969	9,790	44	9,557	3,412	1,668
Georgia	Mar. 23, 1937	25	36,519	220,105	23,294	25	52,377	10,407	6,021
Idaho	Mar. 9, 1939	26	17,209	20,546	7,010	25	4,276	1,658	683
Illinois	July 9, 1937	92	30,595	186,062	28,815	89	16,583	2,803	1,503
Indiana	Mar. 11, 1937	44	10,381	80,482	9,241	42	7,256	1,074	668
Iowa	July 4, 1939	96	33,260	202,279	33,260	92	17,158	3,133	1,585
Kansas	Apr. 10, 1937	94	46,857	126,548	43,457	91	24,812	7,503	3,106
Kentucky	June 11, 1940	103	20,837	194,754	16,662	101	22,860	2,971	1,771
Louisiana	July 27, 1938	25	27,030	127,491	9,891	25	14,618	2,772	1,414
Maine	Mar. 25, 1941	14	14,510	36,955	3,862	14	3,884	526	107
Maryland	June 1, 1937	23	6,099	40,779	4,052	22	7,143	1,058	451
Massachusetts	June 28, 1945	15	5,025	36,915	2,078	14	1,493	178	27
Michigan	July 23, 1937	57	19,552	120,938	12,945	53	8,624	942	441
Minnesota	Apr. 26, 1937	38	10,820	63,227	10,598	38	8,756	1,581	979
Mississippi	Apr. 4, 1938	70	29,107	256,346	19,022	70	34,373	5,624	3,614
Missouri	July 23, 1943	22	7,211	48,251	7,151	22	3,510	669	215
Montana [5]	Feb. 28, 1939	70	64,683	28,722	38,622	66	5,515	12,435	7,146
Nebraska	May 18, 1937	85	45,468	110,961	44,572	81	20,358	5,893	2,717
Nevada	Mar. 30, 1937	17	36,289	1,270	2,294	15	787	362	93
New Hampshire	May 10, 1945	10	5,775	18,786	2,017	10	1,203	213	36
New Jersey	July 1, 1937	7	4,785	26,143	1,817	7	2,872	326	143
New Mexico	Mar. 17, 1937	58	50,609	25,144	35,816	57	6,466	14,037	8,042
New York	July 20, 1940	36	17,765	101,540	12,183	34	10,059	1,390	637
North Carolina	Mar. 22, 1937	25	27,908	258,749	17,195	22	40,819	4,285	2,982
North Dakota	Mar. 16, 1937	73	37,977	63,095	33,979	73	11,367	6,520	4,311
Ohio	June 5, 1941	76	22,122	187,099	19,275	72	10,656	1,497	786
Oklahoma	Apr. 15, 1937	80	43,172	162,136	34,800	77	40,841	9,423	5,152
Oregon	Apr. 7, 1939	27	5,402	8,549	3,527	27	1,499	1,103	474
Pennsylvania	July 2, 1937	26	10,752	67,549	6,028	20	5,611	661	240
Rhode Island	Apr. 26, 1943	3	677	3,603	265	3	481	68	14
South Carolina	Apr. 17, 1937	32	19,580	147,745	11,022	31	24,257	4,135	2,843
South Dakota	July 1, 1937	48	22,597	47,047	22,597	47	14,879	8,807	6,401
Tennessee	Mar. 10, 1939	31	8,708	93,187	6,878	31	14,455	2,011	1,254
Texas [6]	Apr. 24, 1939	152	142,934	343,895	116,806	143	62,510	28,815	14,371
Utah	Mar. 23, 1937	39	39,163	22,584	10,238	39	4,785	2,692	1,260
Vermont	Apr. 18, 1939	13	5,931	26,490	3,931	13	3,356	697	230
Virginia	Apr. 1, 1938	22	21,854	142,513	14,001	22	16,951	3,071	1,875
Washington	Mar. 17, 1939	55	26,809	59,745	11,400	47	8,545	3,292	1,815
West Virginia	June 12, 1939	14	13,191	87,768	8,047	14	14,308	1,943	770
Wisconsin	July 1, 1937	58	29,389	159,789	21,734	57	15,525	2,438	1,353
Wyoming	May 22, 1941	35	28,149	8,070	10,416	35	2,474	2,250	946
Alaska	Mar. 25, 1947	3	1,403	745	98	3	14	2	(7)
Hawaii	May 19, 1947	3	186	547	139	3	52	1	(7)
Puerto Rico	July 1, 1946	17	1,886	55,508	1,886	17	2,808	200	59
Virgin Islands	June —, 1947	2	85	1,150	85	2	151	24	8

[1] For specific procedure on organization of soil conservation districts, see respective State soil conservation district law. By provision of most State district laws, State soil conservation committee has responsibility for organization of districts. Local district governing bodies administer affairs of each individual district.

[2] Soil Conservation Service furnishes technical and other assistance to practically all districts that have entered into memorandums of understanding with Department of Agriculture.

[3] Includes complete farm conservation plans being carried out by farmers in cooperation with districts, as planned. Cancellations caused by death, change in ownership, or mutual consent have been deducted. Data on plans and treated area included only work done through farmer-district cooperative agreements since Aug. 1937 with assistance of Soil Conservation Service.

[4] Includes Imperial irrigation district.

[5] Includes 22 State cooperative grazing districts.

[6] Includes 8 wind-erosion conservation districts.

[7] Less than 500.

Source: Department of Agriculture, Soil Conservation Service; Report of Chief of Soil Conservation Service.

24. Agriculture—General Statistics

Statistics on agriculture are for the most part prepared by the Bureau of the Census, Department of Commerce, which conducts the Census of Agriculture and by the Department of Agriculture which prepares current annual estimates.

Beginning with 1840 a Census of Agriculture has been taken every 10 years in conjunction with the Decennial Census of Population. In 1925, 1935, and 1945 a mid-decennial Census of Agriculture has also been taken. Information at each census has been obtained by a personal canvass of individual farms by census enumerators. The first Census of Agriculture, however, was limited in scope. It included such items as an inventory of the principal classes of domestic animals, the production of wool, the value of poultry, the value of products of the dairy, and the production of the principal crops. The number of farms and the acreage and value of farm land were first included in the Census of 1850. In 1880 information was first secured as to the tenure under which the farms were operated. A detailed classification of farm land according to use was first obtained in 1925; in earlier censuses, farm land was classified only as improved land, woodland, and other unimproved land.

A farm as defined by the Bureau of the Census is all the land on which some agricultural operations are performed by one person, either by his own labor alone or with the assistance of members of his household, or hired employees. A tract of less than 3 acres is not considered a farm unless its agricultural products for the year covered were valued at $250 or more. Agricultural operations consist of the production of crops or plants, vines or trees (excluding forestry operations), or of the keeping, grazing, or feeding of livestock for animal products, animal increase, or value enhancement. Included as farms are such agricultural enterprises as nurseries, greenhouses, hothouses, fur farms, mushroom cellars, apiaries, and cranberry bogs. Excluded are fish farms, fish hatcheries, oyster farms, frog farms, kennels, game preserves, parks, and the like. When a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a farm for census purposes. Thus for a plantation each cropper and tenant operation is considered a separate farm even though the entire plantation may be handled essentially as a single farm enterprise.

The land in farms includes considerable areas of land not actually under cultivation or used for pasture or grazing, but all such land must have been under the control of the operator and considered a part of his farm. Land used for grazing or pasture that was neither owned nor leased by the farm operator was not included under land in farms. Thus vast acreages of land used for grazing, such as national forests, Taylor grazing land, State lands, or other public lands, and some railroad and other privately owned lands, are not included as land in farms even though used for agricultural purposes.

Annual agricultural statistics of a wide variety have been issued currently by the United States Department of Agriculture for over 80 years—the first being as of May 1, 1863. There are now 41 field offices—1 in practically every State—which act as clearinghouses for information furnished by voluntary reporters. Information from the field offices is sent to Washington where reports covering State and national data are issued by the Crop Reporting Board of the Bureau of Agricultural Economics

Statistics compiled by the Bureau of Agricultural Economics on crops, livestock and livestock products, agricultural prices, farm employment, and other related subjects are based mainly on data obtained through mail questionnaires. The basic information is obtained from nearly three-quarters of a million reporters, located in every agricultural county in the United States, who report on one or more items during a year. These reporters, mostly farmers, report for their own and nearby farms on some 80 crops and scores of other items pertaining to agricultural production and farm family living.

Cash income is the cash receipts from farm marketings and represents the quantities of crops, livestock, and livestock products sold by farmers multiplied by the prices received per unit of production at the local market. Gross farm income includes Government payments, value of farm products consumed on the farm, rental value of farm homes, as well as cash receipts from farm marketings.

These general notes on agriculture apply also to section 25, Agriculture—Production and Related Subjects, which covers farm crops, foodstuffs, farm animals, animal products, and related subjects.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series E1 and E3–4") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 670.—Comparative Balance Sheet of Agriculture, United States, January 1, 1942 to 1950

[In millions of dollars. Estimated; margin of error varies with item]

ITEM	1942	1943	1944	1945	1946	1947	1948	1949	1950
ASSETS									
Total	**61,341**	**70,646**	**79,593**	**87,921**	**97,792**	**110,059**	**121,409**	**127,274**	**122,901**
Physical assets:									
Real estate	35,331	37,855	42,532	46,389	52,114	58,604	62,813	65,168	61,200
Non-real-estate:									
Livestock	7,074	9,642	9,685	9,012	9,742	11,978	13,384	14,657	13,211
Machinery and motor vehicles	3,988	4,669	4,846	6,114	6,073	6,706	9,069	11,114	13,390
Crops, stored on and off farms [1]	3,708	5,110	6,079	6,396	6,030	6,852	8,789	8,475	7,700
Household equipment [2]	4,386	4,265	4,276	4,232	4,415	4,880	5,415	6,000	6,200
Financial assets:									
Deposits and currency	5,300	7,000	8,700	10,800	13,500	14,900	15,300	14,800	14,000
United States savings bonds	511	1,061	2,335	3,714	4,498	4,504	4,781	5,024	5,100
Investment in cooperatives [2]	953	1,044	1,140	1,264	1,420	1,635	1,858	2,036	2,100
CLAIMS									
Total	**61,341**	**70,646**	**79,593**	**87,921**	**97,792**	**110,059**	**121,409**	**127,274**	**122,901**
Liabilities, total	10,466	9,897	8,866	8,338	7,830	8,297	9,068	11,174	11,950
Real estate debt	6,372	5,951	5,389	4,933	4,682	4,777	4,882	5,108	5,450
Non-real-estate debt:									
To principal institutions:									
Excluding loans held or guaranteed by Commodity Credit Corporation	1,784	1,673	1,688	1,622	1,671	1,955	2,302	2,714	2,900
Loans held or guaranteed by Commodity Credit Corporation	610	773	589	683	277	65	84	1,152	1,200
To others [3]	1,700	1,500	1,200	1,100	1,200	1,500	1,800	2,200	2,400
Proprietors' equities	50,875	60,749	70,727	79,583	89,962	101,762	112,341	116,100	110,951

[1] Includes all crops held on farms and crops held in bonded warehouses as security for Commodity Credit Corporation loans.
[2] Estimated valuation for 1940 plus purchases minus depreciation.
[3] Tentative. Includes individuals, merchants, dealers, and other miscellaneous lenders.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, The Balance Sheet of Agriculture.

No. 671.—Population, Farms, and Farm Property—Summary: 1850 to 1945

[Figures for 1850 relate to June 1, for 1910 to Apr. 15, for 1920, 1935, and 1945 to Jan. 1, and for 1930 and 1940 to Apr. 1, except that classification of land according to use refers to preceding year. Leaders indicate no data available. See also *Historical Statistics*, series E 1 and E 3-4, for number of farms and value of farm land and buildings]

ITEM	1850	1910	1920	1930	1935	1940	1945
Total population	**23,191,876**	**91,972,266**	**105,710,620**	**122,775,046**	[1] **127,152,000**	**131,669,275**	[2] **138,922,634**
Urban [3]		42,166,120	54,304,603	68,954,823	[1] 72,320,000	74,423,702	[2] 73,903,000
Rural [3]		49,806,146	51,406,017	53,820,223	[1] 54,832,000	57,245,573	[2] 52,156,000
Percent of total		54.2	48.6	43.8	43.1	43.5	37.5
Farm population [4]			31,614,269	30,445,350	31,800,907	30,546,911	23,558,488
Percent of total			29.9	24.8	25.0	23.2	17 0
Percent of rural			61 5	56.6	58.0	53.4	45 2
Number of farms	**1,449,073**	**6,361,502**	**6,448,343**	**6,288,648**	**6,812,350**	**6,096,799**	**5,859,169**
Approximate land area of United States (1,000 acres)	1,884,376	1,903,290	1,903,215	1,903,217	1,903,217	1,905,362	1,905,362
Percent in farms	15.6	46.2	50.2	51.8	55.4	55.7	59.9
All land in farms (1,000 acres)	293,561	878,798	955,884	986,771	1,054,515	1,060,852	1,141,615
Land available for crops [5]	[6] 113,033	[6] 478,452	[6] 503,073	522,396	513,914	530,131	450,694
Average acreage per farm	202.6	138.1	148.2	156.9	154.8	174.0	194.8
Value of farm property (thousands of dollars) [7]	**3,967,344**	**40,837,696**	**77,923,652**	**56,975,607**		**41,254,979**	**60,008,208**
Land and buildings	3,271,575	34,801,126	66,316,003	47,879,838	32,858,844	33,641,739	46,388,926
Implements and machinery	151,588	1,265,150	3,594,773	3,301,654		3,060,187	5,146,851
Livestock [8]	544,181	4,771,420	8,012,876	5,794,114	3,418,510	4,553,053	8,472,431

[1] Estimates.

[2] Estimate for total population as of Jan. 1, 1945, including armed forces overseas; estimates for urban and rural as of July 1, 1945, for civilian population only. [3] For definition of urban and rural, see p. 2.

[4] 1930-45 farm population comprises all persons living on farms regardless of occupation, except that 1945 figures exclude persons in dwelling units rented to others than those engaged in agricultural work; 1920 figures include also those farm laborers (and their families) who, while not living on farms, lived outside limits of any incorporated place. Further difference is due to fact that 1920, 1935, and 1945 censuses were taken in January, while 1930 and 1940 censuses were taken in April, when number of persons on farms is appreciably larger. For additional farm population data, see tables 12 and 49, pp. 11 and 42.

[5] Cropland harvested, crop failure, cropland idle or fallow, and plowable pasture.

[6] "Improved land"; figures nominally include land available for crops and land occupied by buildings, yards, and barnyards. [7] Value is of specified farm property, not all farm property.

[8] 1945 figure represents value of horses, mules, cattle, hogs, sheep, goats, and chickens; in addition 1940 figure includes value of poultry other than chickens, bees, and fur animals in captivity. For 1940 figures comparable with 1945, see table 675, p. 567. For items and age groups included for earlier years, see 1940 Census of Agriculture Reports, Vol. III; for figures comparable to 1945, see 1945 Census of Agriculture Reports, Vol. II.

Source: Department of Commerce, Bureau of the Census: Sixteenth Census Reports, Agriculture Vol. III, and 1945 Census of Agriculture, Vol. II.

No. 672.—Land Utilization—Trend in the United States: 1880 to 1945

[**In millions of acres.** Total farm and nonfarm land areas are for year indicated. Cropland and pasture acreages usually relate to preceding years. Total, all years, represents area measurement for 1940 Census. See also *Historical Statistics*, series F 25-36, where total for 1880-1935 represents area measurement for 1880 Census].

LAND USE ITEM	1880	1890	1900	1910	1920	1930	1940	1945
Total	1,905	1,905	1,905	1,905	1,905	1,905	1,905	1,905
In farms	536	623	839	879	956	987	1,061	1,142
Pasture	122	144	276	284	328	379	461	529
Not plowable					223	270	350	420
Plowable					105	109	111	109
Crop failure and cropland lying idle or fallow	10	15	24	25	40	54	78	50
Cropland harvested	178	233	295	322	362	359	321	353
Farmsteads, lanes and waste	36	41	53	57	58	45	44	44
Forests and cut-over land	190	190	191	191	168	150	157	166
Pastured				98	77	85	100	95
Not pastured				93	91	65	57	71
Not in farms	1,369	1,282	1,066	1,026	949	918	844	763
Roads, railroads, cities, parks, ungrazed desert, and other waste land not in farms (estimated)	118	120	123	125	128	132	137	149
Pasture (not in farms): Includes idle grassland in the first decades and arid woodland (pinon-juniper, chaparral) in all years	883	818	625	600	502	437	382	292
Forest land capable of producing timber of commercial quantity and quality outside of farms	368	344	318	301	319	349	325	322

Source: Dept. of Commerce, Bureau of Census and Dept. of Agriculture, Bureau of Agricultural Economics cooperative report, Graphic Summary of Land Utilization in the United States, and records.

FIGURE T.—COMPARATIVE BALANCE SHEET OF AGRICULTURE AS OF JANUARY 1: 1940 TO 1950

[See table 670]

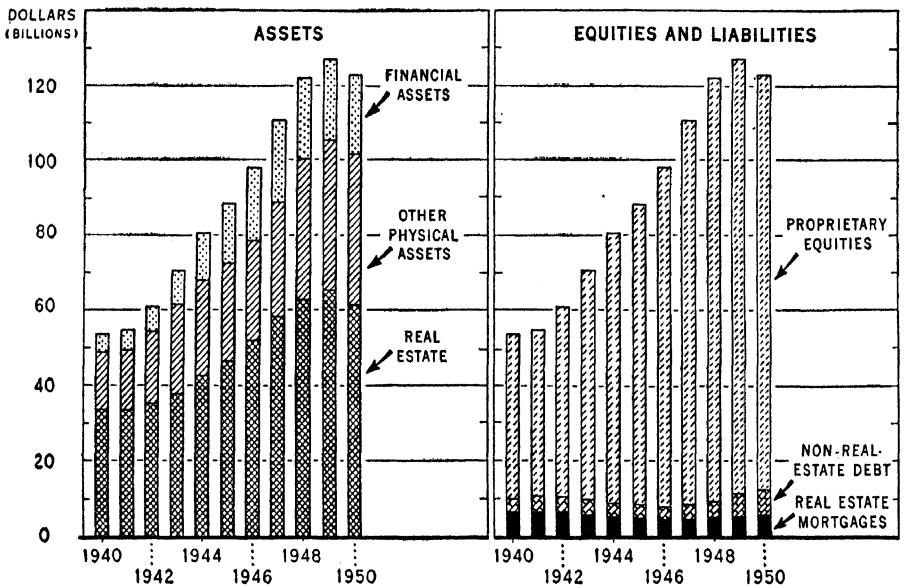
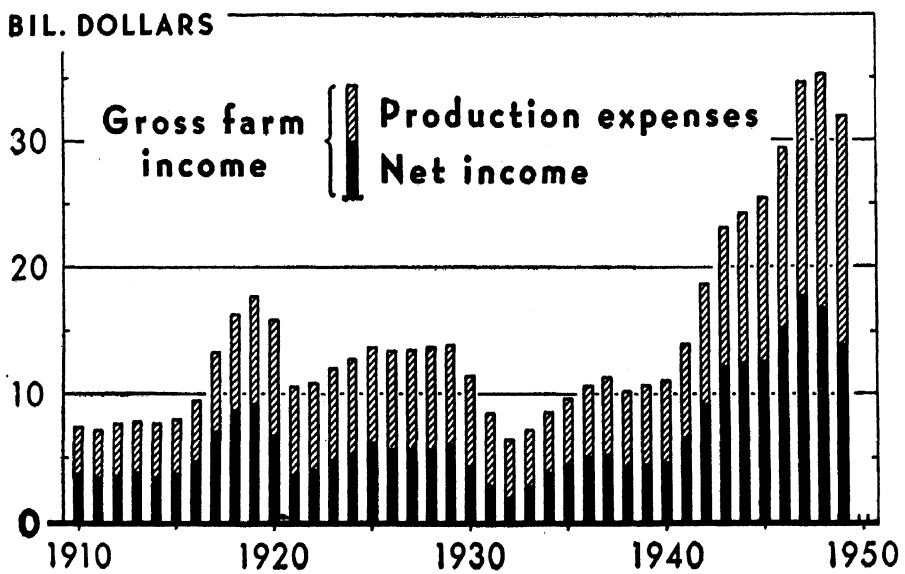


FIGURE U.—GROSS FARM INCOME—NET INCOME AND PRODUCTION EXPENSES OF FARM OPERATORS: 1910 TO 1949

[Includes Government payments, beginning 1933. 1949 data are preliminary. See table 692]



Source of figures T and U: Department of Agriculture, Bureau of Agricultural Economics.

No. 673.—Farms—Number, Acreage, and Value, by States: 1930 to 1945

Division and State	Number of farms				All land in farms (thousands of acres)			
	1930	1935	1940	1945	1930	1935	1940	1945
United States	6,288,648	6,812,350	6,096,799	5,859,169	986,771	1,054,515	1,060,852	1,141,615
New England	124,925	158,241	135,190	150,311	14,283	15,463	13,371	14,497
Maine	39,006	41,907	38,980	42,184	4,640	4,722	4,223	4,613
New Hampshire	14,906	17,695	16,554	18,786	1,960	2,116	1,809	2,017
Vermont	24,898	27,061	23,582	26,490	3,896	4,043	3,667	3,931
Massachusetts	25,598	35,094	31,897	37,007	2,005	2,196	1,938	2,078
Rhode Island	3,322	4,327	3,014	3,603	279	308	222	265
Connecticut	17,195	32,157	21,163	22,241	1,502	2,080	1,512	1,593
Middle Atlantic	357,603	397,684	348,100	347,477	35,047	36,455	33,639	34,406
New York	159,806	177,025	153,238	149,490	17,980	18,686	17,170	17,568
New Jersey	25,378	29,375	25,835	26,226	1,758	1,914	1,874	1,818
Pennsylvania	172,419	191,284	169,027	171,761	15,309	15,855	14,594	15,020
East North Central	966,502	1,083,687	1,006,095	953,797	110,891	116,957	113,655	115,564
Ohio	219,296	255,146	233,783	220,575	21,514	22,858	21,908	21,928
Indiana	181,570	200,835	184,549	175,970	19,689	20,519	19,801	20,027
Illinois	214,497	231,312	213,439	204,239	30,695	31,661	31,033	31,602
Michigan	169,372	196,517	187,589	175,268	17,119	18,460	18,038	18,392
Wisconsin	181,767	199,877	186,735	177,745	21,874	23,459	22,876	23,615
West North Central	1,112,755	1,179,856	1,090,574	1,031,993	265,488	273,077	274,423	283,248
Minnesota	185,255	203,302	197,351	188,952	30,913	32,818	32,607	33,140
Iowa	214,928	221,986	213,318	208,934	34,019	34,359	34,149	34,454
Missouri	255,940	278,454	256,100	242,934	33,743	35,055	34,740	35,278
North Dakota	77,975	84,606	73,962	69,520	38,658	39,118	37,936	41,001
South Dakota	83,157	83,303	72,454	68,705	36,470	37,102	39,474	43,032
Nebraska	129,458	133,616	121,062	111,756	44,709	46,616	47,344	47,753
Kansas	166,042	174,589	156,327	141,192	46,976	48,010	48,174	48,589
South Atlantic	1,058,468	1,147,133	1,019,451	1,043,475	86,363	95,987	92,555	96,601
Delaware	9,707	10,381	8,994	9,296	901	921	896	923
Maryland	43,203	44,412	42,110	41,275	4,374	4,384	4,198	4,200
District of Columbia	104	89	65	40	3	3	2	2
Virginia	170,610	197,632	174,885	173,051	16,729	17,645	16,445	16,358
West Virginia	82,641	104,747	99,282	97,600	8,802	9,424	8,909	8,720
North Carolina	279,708	300,967	278,276	287,412	18,055	19,936	18,845	18,618
South Carolina	157,931	165,504	137,558	147,745	10,393	12,330	11,239	11,022
Georgia	255,598	250,544	216,033	225,897	22,079	25,297	23,684	23,676
Florida	58,966	72,857	62,248	61,159	5,027	6,048	8,338	13,084
East South Central	1,062,214	1,137,219	1,023,349	959,829	72,817	79,101	77,086	76,198
Kentucky	246,499	278,298	252,894	238,501	19,927	20,699	20,294	19,725
Tennessee	245,657	273,783	247,617	234,431	18,003	19,086	18,493	17,789
Alabama	257,395	273,455	231,746	223,369	17,555	19,661	19,143	19,068
Mississippi	312,663	311,683	291,092	263,528	17,332	19,655	19,156	19,617
West South Central	1,103,134	1,137,571	964,370	877,831	183,906	201,118	200,527	204,995
Arkansas	242,334	253,013	216,674	198,769	16,053	17,742	18,045	17,456
Louisiana	161,445	170,216	150,007	129,295	9,355	10,444	9,996	10,040
Oklahoma	203,866	213,325	179,687	164,790	33,791	35,335	34,803	36,162
Texas	495,489	501,017	418,002	384,977	124,707	137,597	137,683	141,338
Mountain	241,314	271,392	233,497	212,527	157,450	173,881	191,901	244,577
Montana	47,495	50,564	41,823	37,747	44,659	47,512	46,452	58,787
Idaho	41,674	45,113	43,663	41,498	9,347	9,952	10,298	12,503
Wyoming	16,011	17,487	15,018	13,076	23,525	28,162	28,026	33,117
Colorado	59,956	63,644	51,436	47,618	28,876	29,978	31,527	36,218
New Mexico	31,404	41,369	34,105	29,695	30,822	34,397	38,860	49,608
Arizona	14,173	18,824	18,468	13,142	10,527	14,019	25,651	37,856
Utah	27,159	30,695	25,411	26,322	5,613	6,239	7,302	10,309
Nevada	3,442	3,696	3,573	3,429	4,081	3,622	3,785	6,178
Pacific	261,733	299,567	276,173	281,929	60,525	62,476	63,694	71,529
Washington	70,904	84,381	81,686	79,887	13,534	14,680	15,182	16,720
Oregon	55,153	64,826	61,829	63,125	16,549	17,358	17,988	19,754
California	135,676	150,360	132,658	138,917	30,443	30,438	30,524	35,054

No. 673.—Farms—Number, Acreage, and Value, by States: 1930 to 1945—Con.

Division and state	Average acreage per farm		Value of farms (land and buildings)							
			Total (thousands of dollars)				Average value per farm (dollars)		Average value per acre (dollars)	
	1940	1945	1930	1935	1940	1945	1940	1945	1940	1945
United States	174.0	194.8	47,879,838	32,858,844	33,641,739	16,388,926	5,518	7,917	31.71	40.63
New England	98.9	96.4	940,713	901,271	740,508	938,517	5,478	6,244	55.38	64.74
Maine	108.3	109.4	194,280	143,539	124,083	159,681	3,183	3,785	29.38	34.61
New Hampshire	109.3	107.4	77,355	66,937	62,206	80,395	3,758	4,280	34.38	39.86
Vermont	155.5	148.4	145,935	115,996	111,109	134,576	4,712	5,080	30.30	34.24
Massachusetts	60.8	56.2	261,222	255,677	212,014	265,232	6,647	7,167	109.40	127.62
Rhode Island	73.6	73.5	34,508	35,238	26,334	35,610	8,737	9,883	118.67	134.51
Connecticut	71.5	71.6	227,413	283,884	204,761	263,023	9,675	11,826	135.41	165.09
Middle Atlantic	96.6	99.0	2,817,767	2,141,412	2,039,079	2,389,076	5,858	6,875	60.62	69.44
New York	112.1	117.5	1,315,905	1,045,392	947,074	1,087,522	6,180	7,275	55.16	61.90
New Jersey	72.6	69.3	298,845	234,313	227,806	292,981	8,818	11,171	121.54	161.15
Pennsylvania	86.3	87.4	1,203,018	861,707	864,200	1,008,574	5,113	5,872	59.22	67.15
East North Central	113.0	121.2	9,336,791	6,596,844	7,333,631	9,958,796	7,289	10,441	64.53	86.18
Ohio	93.7	99.4	1,693,031	1,277,556	1,443,917	1,868,351	6,176	8,470	65.91	85.20
Indiana	107.3	113.8	1,415,542	1,040,238	1,251,492	1,794,315	6,781	10,197	63.20	89.59
Illinois	145.4	154.7	3,336,049	2,205,900	2,537,117	3,662,545	11,887	17,933	81.76	115.90
Michigan	96.2	104.9	1,160,652	826,261	912,545	1,199,290	4,865	6,843	50.59	65.21
Wisconsin	122.5	132.9	1,731,517	1,246,889	1,188,559	1,434,295	6,365	8,069	51.96	60.74
West North Central	251.6	274.5	15,158,530	9,385,141	8,795,913	12,115,024	8,065	11,739	32.05	42.77
Minnesota	165.2	175.4	2,125,093	1,383,072	1,443,021	1,833,761	7,312	9,705	44.26	55.33
Iowa	160.1	164.9	4,224,506	2,462,313	2,690,744	3,611,140	12,614	17,284	78.79	104.81
Missouri	135.6	145.2	1,796,247	1,099,281	1,107,303	1,526,961	4,324	6,285	31.87	43.28
North Dakota	512.9	589.8	951,225	707,139	490,197	708,322	6,628	10,189	12.92	17.28
South Dakota	544.8	626.3	1,285,154	691,863	505,452	764,300	6,976	11,124	12.80	17.76
Nebraska	391.1	427.3	2,495,203	1,562,813	1,137,808	1,699,210	9,399	15,205	24.03	35.58
Kansas	308.2	344.1	2,281,102	1,478,659	1,421,387	1,971,331	9,092	13,962	29.51	40.57
South Atlantic	90.8	92.6	3,852,079	2,791,939	3,159,550	4,238,536	3,099	4,062	34.14	43.88
Delaware	99.6	99.3	66,942	51,476	54,899	72,694	6,104	7,820	61.30	78.73
Maryland	99.7	101.8	356,170	242,714	273,980	354,807	6,506	8,596	65.27	84.48
District of Columbia	36.0	46.4	7,144	7,183	5,943	4,961	91,429	124,034	2,538.62	2,676.02
Virginia	94.0	94.5	855,850	593,855	674,975	868,806	3,860	5,021	41.04	53.11
West Virginia	89.7	89.3	341,976	237,644	269,827	341,008	2,718	3,494	30.29	39.11
North Carolina	67.7	64.8	844,122	622,719	736,708	1,002,983	2,647	3,490	39.09	53.87
South Carolina	81.7	74.6	379,191	285,516	338,495	440,632	2,461	2,982	30.12	39.98
Georgia	109.6	104.8	577,338	429,755	480,345	654,244	2,223	2,896	20.28	27.63
Florida	133.9	213.9	423,346	321,078	324,378	498,400	5,211	8,149	38.90	38.09
East South Central	75.3	79.4	2,685,364	1,915,218	2,324,737	3,094,049	2,272	3,224	30.16	40.61
Kentucky	80.2	82.7	871,449	620,409	776,494	1,015,796	3,070	4,259	38.26	51.50
Tennessee	74.7	75.9	743,222	555,751	664,474	870,948	2,683	3,715	35.93	48.96
Alabama	82.6	85.4	502,371	368,220	408,782	559,743	1,764	2,506	21.35	29.36
Mississippi	65.8	74.4	568,322	370,839	474,986	647,562	1,632	2,457	24.80	33.01
West South Central	207.9	233.5	5,806,151	4,029,702	4,231,841	5,816,250	4,388	6,626	21.10	28.37
Arkansas	83.3	87.8	547,828	376,088	456,848	662,770	2,108	3,334	25.32	37.97
Louisiana	66.6	77.6	418,192	295,515	353,874	472,328	2,359	3,653	35.40	47.05
Oklahoma	193.7	219.4	1,242,724	784,394	831,141	1,106,154	4,625	6,713	23.88	30.59
Texas	329.4	367.1	3,597,407	2,573,705	2,589,979	3,574,998	6,196	9,286	18.81	25.29
Mountain	821.9	1,150.8	2,458,483	1,772,439	1,779,843	2,756,169	7,623	12,969	9.27	11.27
Montana	1,110.7	1,557.4	527,610	375,841	350,178	517,891	8,373	13,720	7.54	8.81
Idaho	235.8	301.3	417,250	307,395	339,194	493,331	7,768	11,888	32.94	39.46
Wyoming	1,866.2	2,532.6	206,852	166,774	158,971	232,043	10,585	17,746	5.67	7.01
Colorado	612.9	760.6	629,347	418,758	388,344	564,504	7,550	11,855	12.32	15.59
New Mexico	1,139.4	1,670.6	207,859	170,150	187,526	326,751	5,498	11,004	4.83	6.59
Arizona	1,388.9	2,880.6	184,231	132,650	153,677	287,876	8,321	21,905	5.99	7.60
Utah	287.4	391.7	221,223	158,303	154,358	261,818	6,074	9,947	21.14	25.40
Nevada	1,059.4	1,801.7	64,111	42,569	47,594	71,956	13,321	20,985	12.57	11.65
Pacific	230.6	253.7	4,823,961	3,324,878	3,236,636	5,082,508	11,720	18,028	50.82	71.06
Washington	185.9	209.3	773,663	550,720	593,366	900,184	7,264	11,268	39.08	53.84
Oregon	290.9	312.9	630,828	448,712	476,817	697,775	7,712	11,054	26.51	35.32
California	230.1	252.3	3,419,471	2,325,446	2,166,453	3,484,549	16,331	25,084	70.97	99.40

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 674.—Farm Land, by Use, by States: 1939 and 1944

[In thousands of acres. For total land in farms, see table 673]

Division and State	Cropland harvested		Crop failure		Cropland idle or fallow		All other [1]	
	1939	1944	1939	1944	1939	1944	1939	1944
United States	321,242	352,866	20,580	10,297	56,929	40,082	662,101	738,370
New England	3,408	3,987	63	45	339	187	9,562	10,279
Maine	1,147	1,316	15	16	108	85	2,954	3,197
New Hampshire	372	436	7	7	38	18	1,392	1,556
Vermont	1,023	1,160	8	11	46	17	2,590	2,743
Massachusetts	456	581	22	8	80	37	1,380	1,453
Rhode Island	49	62	3	1	10	8	160	194
Connecticut	363	433	8	3	55	22	1,086	1,135
Middle Atlantic	13,457	14,441	278	237	1,882	1,376	18,022	18,352
New York	6,581	6,922	133	162	743	578	9,713	9,907
New Jersey	779	916	29	15	150	89	916	798
Pennsylvania	6,097	6,604	116	60	988	709	7,393	7,647
East North Central	55,431	61,117	718	660	5,120	3,129	52,386	50,658
Ohio	9,772	10,837	152	82	896	516	11,088	10,493
Indiana	9,711	10,912	168	131	1,069	680	8,852	8,303
Illinois	18,270	20,302	209	266	1,718	865	10,835	10,170
Michigan	7,863	8,521	115	112	1,045	791	9,015	8,968
Wisconsin	9,816	10,545	73	69	391	277	12,596	12,724
West North Central	114,239	132,778	11,311	6,184	19,649	10,577	129,223	133,709
Minnesota	18,807	18,559	251	1,339	1,075	1,079	12,474	12,164
Iowa	20,077	21,562	282	593	828	175	12,962	12,124
Missouri	12,400	12,902	238	397	1,128	642	20,973	21,337
North Dakota	15,537	20,817	1,131	546	6,810	3,030	14,458	16,608
South Dakota	12,297	16,525	2,155	713	2,471	624	22,551	25,170
Nebraska	17,305	19,596	1,884	1,251	2,491	1,639	25,665	25,267
Kansas	17,816	22,817	5,370	1,346	4,846	3,387	20,141	21,040
South Atlantic	28,323	27,494	414	280	4,840	5,180	58,977	63,646
Delaware	378	416	10	17	97	68	410	422
Maryland	1,609	1,745	30	13	345	212	2,214	2,230
District of Columbia	1	1	(2)		(2)	(2)	1	1
Virginia	3,840	3,933	63	47	867	643	11,674	11,735
West Virginia	1,565	1,490	25	15	238	157	7,081	7,058
North Carolina	6,125	6,126	69	44	998	906	11,653	11,542
South Carolina	4,322	4,149	35	24	569	776	6,313	6,072
Georgia	8,803	7,824	110	91	1,264	1,944	13,506	13,816
Florida	1,680	1,809	72	31	462	474	6,124	10,769
East South Central	25,495	23,802	1,063	309	3,787	4,113	46,741	47,975
Kentucky	5,272	5,322	133	56	1,104	983	13,785	13,363
Tennessee	6,159	5,844	203	81	1,250	1,089	10,881	10,776
Alabama	7,112	6,163	309	58	803	1,191	10,920	11,655
Mississippi	6,953	6,473	417	113	630	850	11,156	12,180
West South Central	49,472	51,043	3,538	1,289	8,084	4,338	139,433	148,325
Arkansas	6,610	5,995	137	136	902	991	10,396	10,335
Louisiana	4,052	3,490	60	94	483	519	5,401	5,937
Oklahoma	12,766	14,088	1,254	266	1,811	851	18,972	20,957
Texas	26,044	27,469	2,087	794	4,887	1,978	104,664	111,097
Mountain	18,488	23,103	2,725	1,132	7,703	6,243	162,985	214,100
Montana	5,748	7,439	497	317	3,889	3,162	36,317	47,869
Idaho	2,935	3,442	62	25	932	800	6,369	8,236
Wyoming	1,535	1,843	210	66	309	198	25,972	31,009
Colorado	4,770	6,035	1,559	514	1,685	1,493	23,514	28,176
New Mexico	1,573	1,957	261	170	365	240	36,662	47,241
Arizona	526	652	44	21	161	56	24,920	37,127
Utah	966	1,248	77	14	325	274	5,935	8,773
Nevada	436	487	16	3	36	20	3,297	5,668
Pacific	12,929	15,102	470	162	5,525	4,939	44,771	51,326
Washington	3,570	4,290	61	26	2,599	2,377	8,952	10,027
Oregon	2,824	3,276	112	27	1,105	1,040	13,947	15,411
California	6,535	7,536	296	108	1,821	1,523	21,872	25,888

For footnotes, see next page.

No. 674.—Farm Land, by Use, by States: 1939 and 1944—Continued

[In thousands of acres]

Division and State	1939 (all other) [1]			1944 (all other) [1]				
	Plowable pasture	Woodland	All other land	Cropland used only for pasture [3]	Woodland pastured	Other land pastured	Woodland not pastured	All other land
United States	**131,380**	**137,178**	**393,544**	**47,449**	**95,075**	**481,017**	**71,261**	**43,568**
New England	**1,371**	**5,147**	**3,044**	**375**	**2,464**	**2,251**	**4,467**	**721**
Maine	320	1,783	851	74	611	439	1,839	234
New Hampshire	173	860	359	48	446	231	755	75
Vermont	401	1,174	1,015	93	857	1,023	694	76
Massachusetts	230	717	433	77	300	247	640	189
Rhode Island	32	91	38	10	18	41	92	33
Connecticut	216	521	349	72	232	270	447	115
Middle Atlantic	**5,017**	**6,382**	**6,623**	**1,450**	**2,536**	**7,364**	**4,697**	**2,305**
New York	2,780	3,022	3,911	705	1,523	4,550	2,100	1,029
New Jersey	199	424	294	116	39	175	259	208
Pennsylvania	2,039	2,936	2,418	628	974	2,638	2,338	1,068
East North Central	**19,108**	**13,498**	**19,780**	**9,411**	**11,208**	**17,171**	**5,619**	**7,248**
Ohio	4,838	2,413	3,836	1,867	1,560	4,552	1,107	1,407
Indiana	3,702	2,340	2,811	1,817	1,710	2,475	964	1,338
Illinois	4,936	1,913	3,986	2,150	1,687	3,903	787	1,642
Michigan	2,876	2,710	3,429	1,786	2,275	2,287	1,226	1,394
Wisconsin	2,757	4,121	5,718	1,791	3,976	3,954	1,536	1,467
West North Central	**38,209**	**13,172**	**77,843**	**10,024**	**11,005**	**93,622**	**4,014**	**15,045**
Minnesota	2,841	2,932	6,701	1,316	3,056	3,825	1,209	2,757
Iowa	6,361	1,300	5,300	2,612	1,452	5,759	225	2,076
Missouri	9,241	6,952	4,780	2,916	5,159	9,637	1,973	1,652
North Dakota	3,623	386	10,449	710	316	12,039	158	3,385
South Dakota	6,247	340	15,964	641	194	22,492	79	1,764
Nebraska	3,736	550	21,379	942	378	22,185	133	1,629
Kansas	6,161	711	13,269	887	450	17,684	237	1,782
South Atlantic	**9,901**	**37,905**	**11,172**	**4,047**	**12,527**	**14,259**	**29,390**	**3,424**
Delaware	84	225	101	63	9	40	223	87
Maryland	601	1,142	471	394	127	472	974	263
District of Columbia	[2]	[2]	1	[2]	[2]	[2]	[2]	[2]
Virginia	3,192	6,762	1,721	1,169	1,177	3,159	5,643	589
West Virginia	2,033	2,994	2,053	312	1,100	3,244	2,127	276
North Carolina	1,230	9,093	1,330	526	1,093	1,099	8,106	718
South Carolina	604	4,863	846	238	985	629	3,828	393
Georgia	1,513	10,175	1,819	784	3,508	1,611	7,214	699
Florida	643	2,650	2,831	563	4,527	4,006	1,274	399
East South Central	**15,127**	**22,889**	**8,726**	**8,000**	**8,994**	**11,955**	**15,107**	**3,918**
Kentucky	6,703	4,592	2,489	4,038	1,172	3,683	3,353	1,117
Tennessee	3,547	5,219	2,115	2,260	1,333	2,447	3,720	1,016
Alabama	2,174	7,009	1,737	854	2,917	2,440	4,659	785
Mississippi	2,702	6,068	2,385	849	3,571	3,384	3,376	1,001
West South Central	**21,058**	**26,260**	**92,116**	**9,062**	**23,939**	**105,036**	**5,877**	**4,412**
Arkansas	2,542	6,171	1,683	1,651	2,383	2,328	3,166	806
Louisiana	1,443	2,950	1,008	1,032	1,386	1,502	1,494	522
Oklahoma	3,830	3,065	12,077	1,759	4,119	13,351	399	1,329
Texas	13,243	14,074	77,348	4,619	16,051	87,854	818	1,754
Mountain	**15,183**	**6,046**	**141,756**	**1,879**	**14,427**	**193,261**	**435**	**4,099**
Montana	4,655	1,137	30,525	400	986	45,556	99	827
Idaho	779	692	4,898	322	946	6,230	114	624
Wyoming	1,459	387	24,126	112	281	30,246	11	359
Colorado	4,885	1,097	17,532	515	1,311	25,417	95	839
New Mexico	2,374	1,482	32,806	135	4,647	41,614	84	761
Arizona	261	1,147	23,511	230	6,007	30,515	14	362
Utah	395	79	5,461	128	173	8,263	11	198
Nevada	374	25	2,898	36	76	5,420	7	129
Pacific	**6,407**	**5,880**	**32,484**	**3,202**	**7,975**	**36,099**	**1,655**	**2,395**
Washington	951	1,461	6,541	439	1,862	6,803	474	450
Oregon	1,214	2,082	10,651	566	2,772	11,086	490	497
California	4,243	2,337	15,292	2,196	3,341	18,211	691	1,448

[1] Land in farms other than cropland harvested, crop failure, and cropland idle or fallow.
[2] 500 acres or less.
[3] Land used only for pasture that had been plowed within 7 years.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 675.—Farm Property—Value of Specified Classes, by States: 1940 and 1945

[In thousands of dollars]

Division and State	Total value of specified farm property		Value of farms (land and buildings)		Value of implements and machinery [1]		Value of livestock [2]	
	1940	1945	1940	1945	1940	1945	1940	1945
United States	41,227,849	60,008,208	33,641,739	46,388,926	3,060,187	5,146,851	4,525,923	8,472,431
New England	906,522	1,240,476	740,508	938,517	73,678	125,418	92,336	176,541
Maine	160,552	220,562	124,083	159,681	19,611	33,126	16,858	27,755
New Hampshire	78,497	110,486	62,206	80,395	6,768	11,118	9,523	18,974
Vermont	154,777	214,104	111,109	134,576	15,623	27,891	28,046	51,637
Massachusetts	248,291	333,593	212,014	265,232	16,613	29,069	19,664	39,292
Rhode Island	31,112	45,160	26,334	35,610	2,180	4,027	2,597	5,523
Connecticut	233,293	316,572	204,761	263,024	12,883	20,189	15,648	33,360
Middle Atlantic	2,668,358	3,514,100	2,039,079	2,389,076	293,078	507,870	336,200	617,153
New York	1,258,731	1,646,231	947,074	1,087,522	138,342	239,291	173,315	319,417
New Jersey	281,078	390,816	227,806	292,981	25,636	45,372	27,636	52,464
Pennsylvania	1,128,549	1,477,053	864,200	1,008,574	129,100	223,207	135,250	245,272
East North Central	8,935,316	12,799,557	7,333,631	9,958,796	708,810	1,197,872	892,875	1,642,888
Ohio	1,720,870	2,327,840	1,443,917	1,868,351	120,212	197,286	156,741	262,203
Indiana	1,492,070	2,225,651	1,251,492	1,794,315	106,512	182,475	134,067	248,861
Illinois	2,032,926	4,418,953	2,537,117	3,662,545	186,682	321,363	209,127	435,045
Michigan	1,170,647	1,619,205	912,545	1,199,290	121,574	213,859	136,528	206,056
Wisconsin	1,618,802	2,207,908	1,188,559	1,434,295	173,831	282,889	256,412	490,724
West North Central	10,901,078	16,093,123	8,795,913	12,115,024	872,300	1,463,131	1,232,865	2,514,968
Minnesota	1,863,829	2,558,486	1,443,021	1,833,761	193,444	302,430	227,364	422,294
Iowa	3,268,344	4,655,361	2,690,744	3,611,140	242,047	354,263	335,553	689,958
Missouri	1,382,769	2,002,824	1,107,303	1,526,961	87,055	146,650	188,411	329,213
North Dakota	646,052	1,031,221	490,197	708,322	76,876	161,531	78,979	161,368
South Dakota	669,176	1,117,643	505,452	764,300	59,969	114,382	103,754	238,962
Nebraska	1,395,822	2,238,517	1,137,808	1,699,210	97,645	182,092	160,369	357,216
Kansas	1,675,086	2,489,071	1,421,387	1,971,331	115,263	201,783	138,436	315,957
South Atlantic	3,753,387	5,254,309	3,159,550	4,238,536	205,786	357,904	388,051	657,869
Delaware	66,477	93,303	54,899	72,694	5,748	11,435	5,830	9,175
Maryland	326,808	450,349	273,980	354,807	21,490	41,873	31,337	53,669
Dist. of Columbia	6,101	5,126	5,943	4,961	82	31	76	133
Virginia	785,691	1,052,999	674,975	868,806	37,860	57,827	72,856	126,366
West Virginia	321,172	412,155	269,827	341,008	14,896	18,781	36,450	52,366
North Carolina	872,019	1,223,712	736,708	1,002,983	45,468	76,481	89,843	144,248
South Carolina	405,724	553,832	338,495	440,632	24,197	42,006	43,032	71,194
Georgia	597,751	859,801	480,345	654,244	35,663	72,795	81,743	132,762
Florida	371,644	603,032	324,378	498,400	20,382	36,676	26,884	67,956
East South Central	2,843,272	3,943,454	2,324,737	3,094,049	160,569	284,257	357,967	565,149
Kentucky	921,343	1,246,834	776,494	1,015,796	41,519	70,454	103,330	160,584
Tennessee	811,262	1,099,121	664,474	870,948	49,153	80,864	97,634	147,309
Alabama	512,237	736,408	408,782	559,743	29,596	57,070	73,858	119,595
Mississippi	598,431	861,091	474,986	647,562	40,301	75,869	83,144	137,661
West South Central	5,147,206	7,400,884	4,231,841	5,816,250	332,414	541,792	582,950	1,042,842
Arkansas	564,209	841,611	456,848	662,770	37,417	78,146	70,034	100,694
Louisiana	450,289	644,524	353,874	472,328	35,805	61,321	60,610	110,874
Oklahoma	1,017,729	1,438,384	831,141	1,106,154	78,449	125,278	108,139	206,952
Texas	3,114,889	4,476,366	2,589,979	3,574,998	180,744	277,046	344,166	624,322
Mountain	2,355,225	3,837,971	1,779,843	2,756,169	180,506	306,479	394,875	775,323
Montana	475,549	769,994	350,178	517,891	43,194	77,470	82,177	174,633
Idaho	432,283	658,927	339,194	493,331	42,145	68,342	50,944	97,254
Wyoming	235,626	354,407	158,971	232,043	15,310	22,478	61,345	99,886
Colorado	498,824	787,337	388,344	564,504	39,022	70,747	71,459	152,086
New Mexico	248,035	436,219	187,526	326,751	15,213	24,818	45,297	84,650
Arizona	193,899	358,849	153,677	287,876	9,961	15,296	30,261	55,677
Utah	198,497	351,785	154,358	261,818	11,941	20,647	32,198	69,320
Nevada	72,512	120,455	47,594	71,956	3,721	6,681	21,196	41,818
Pacific	3,717,486	5,924,334	3,236,636	5,082,508	233,046	362,128	247,803	479,698
Washington	697,792	1,070,854	593,366	900,184	56,101	88,391	48,324	82,279
Oregon	577,070	860,024	476,817	697,775	44,608	66,657	55,645	95,592
California	2,442,624	3,993,456	2,166,453	3,484,549	132,337	207,080	143,834	301,826

[1] Value of automobiles included, 1940; excluded, 1945.
[2] Covers horses, mules, cattle, hogs, sheep, goats, and chickens.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 676.—Farm Real Estate—Indexes of Estimated Value Per Acre, by States: March 1, 1912 to 1950

[1935-39=100]

DIVISION AND STATE	1912	1915	1920	1925	1930	1933	1935	1940	1945	1947	1948	1949	1950 [1]
United States	117	124	205	153	138	88	95	102	152	192	205	211	204
New England	94	94	133	121	121	100	99	101	123	145	151	157	150
Maine	105	101	149	131	131	99	99	100	125	141	146	155	144
New Hampshire	105	109	139	120	120	100	98	102	127	147	154	156	147
Vermont	101	103	149	125	123	101	100	101	129	165	170	184	175
Massachusetts	88	88	125	118	117	101	99	101	119	129	138	142	136
Rhode Island	84	86	110	108	113	100	99	101	122	147	155	161	155
Connecticut	79	80	110	110	112	100	99	100	121	150	155	157	154
Middle Atlantic	111	113	154	129	120	93	96	102	134	163	171	184	178
New York	115	117	156	130	120	95	98	100	128	162	167	181	177
New Jersey	86	87	114	109	110	97	97	102	132	162	165	172	171
Pennsylvania	113	115	161	132	123	90	95	104	142	165	177	190	181
East North Central	131	140	217	157	130	83	91	106	160	205	217	226	224
Ohio	135	147	219	151	124	81	91	106	167	218	230	241	231
Indiana	141	148	235	149	117	77	89	108	181	231	251	257	254
Illinois	142	150	233	168	133	79	90	110	163	207	220	231	236
Michigan	111	118	175	150	137	91	94	103	164	219	224	229	225
Wisconsin	113	121	198	151	136	93	96	97	128	157	169	186	169
West North Central	140	151	265	181	157	92	98	94	138	172	194	205	203
Minnesota	111	125	250	186	156	92	97	100	134	167	184	192	198
Iowa	133	155	296	189	156	81	92	103	149	186	208	215	219
Missouri	164	172	282	189	156	93	98	100	154	191	196	209	210
North Dakota	150	159	225	169	148	102	103	80	117	142	171	183	176
South Dakota	185	195	349	221	179	106	105	79	119	148	175	189	188
Nebraska	139	143	255	176	161	99	102	83	122	153	179	197	185
Kansas	133	135	198	151	148	92	96	93	146	184	214	222	219
South Atlantic	96	97	196	146	127	79	92	106	163	214	220	232	224
Delaware	116	117	161	130	129	93	95	103	142	186	189	189	184
Maryland	100	107	170	135	126	92	94	103	152	202	207	212	206
Virginia	91	91	177	145	126	83	91	106	161	211	212	231	221
West Virginia	118	122	187	145	127	89	95	104	129	167	180	188	169
North Carolina	76	80	174	146	123	67	87	108	175	242	253	266	269
South Carolina	122	114	278	167	125	69	92	108	196	237	252	271	247
Georgia	128	122	284	151	130	74	93	107	173	226	235	255	237
Florida	74	75	137	132	132	93	97	102	142	173	161	158	162
East South Central	96	98	197	139	126	78	92	110	177	243	253	270	261
Kentucky	100	103	206	145	131	82	90	117	195	272	272	292	282
Tennessee	97	101	202	138	125	79	92	109	179	246	261	274	268
Alabama	84	84	151	131	122	75	94	104	153	211	215	235	223
Mississippi	99	99	222	139	124	74	92	108	168	220	242	255	251
West South Central	100	105	186	151	143	86	95	104	146	179	200	207	201
Arkansas	106	102	239	172	152	86	95	103	179	230	253	279	265
Louisiana	90	87	180	128	120	81	94	110	147	186	184	209	204
Oklahoma	107	104	182	144	139	83	94	102	143	185	203	232	225
Texas	99	107	183	153	144	87	96	103	144	173	196	196	190
Mountain	133	133	204	142	138	93	95	103	163	202	218	220	211
Montana	183	188	236	141	135	89	95	104	168	220	243	245	236
Idaho	119	114	205	147	138	91	96	102	166	190	200	197	188
Wyoming	149	158	271	153	150	95	96	104	177	226	257	260	244
Colorado	169	161	242	159	142	92	92	105	186	242	269	268	256
New Mexico	124	124	178	134	136	93	94	104	163	207	223	239	232
Arizona	101	103	175	129	130	95	97	101	154	186	191	191	182
Utah	114	111	190	148	144	95	95	102	138	155	167	166	161
Nevada	141	149	198	150	146	96	96	102	134	157	168	168	160
Pacific	89	101	146	137	133	90	95	101	161	202	197	184	169
Washington	120	122	171	138	135	90	94	103	164	208	213	207	192
Oregon	122	125	162	138	135	90	93	105	163	191	195	191	177
California	77	92	139	136	133	90	96	100	160	202	195	179	163

[1] Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, The Farm Real Estate Situation.

No. 677.—Farms—Number and Acreage, 1920 to 1945, and Value of Land and Buildings, 1945, by Size of Farm

SIZE OF FARM	1920	1925	1930	1935	1940	1920	1925	1930	1935	1940
	Number of farms					Percent distribution of number of farms				
Total	**6,448,343**	**6,371,640**	**6,288,648**	**6,812,350**	**6,096,799**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under 3 acres	20,350	15,151	43,007	35,573	35,977	0.3	0.2	0 7	0.5	0.6
3 to 9 acres	268,422	363,384	315,497	535,258	470,425	4.2	5.7	5 0	7.9	7.7
10 to 19 acres	507,763	588,049	559,617	683,452	559,254	7.9	9.2	8.9	10.0	9.2
20 to 49 acres	1,503,732	1,450,643	1,440,388	1,440,143	1,221,006	23.3	22.8	22.9	21.1	20 0
50 to 99 acres	1,474,745	1,421,078	1,374,965	1,444,007	1,291,048	22.9	22 3	21 9	21.2	21.2
100 to 499 acres	2,456,107	2,326,155	2,314,858	2,417,803	2,254,864	38.1	36.5	36.8	35.5	37.0
100 to 174 acres	1,449,630	1,383,777	1,342,927	1,404,297	1,278,617	22.5	21.7	21.4	20.6	21.0
175 to 259 acres	530,800	503,417	520,593	540,267	517,460	8.2	7.9	8.3	7.9	8.5
260 to 499 acres	475,677	438,961	451,338	473,239	458,787	7.4	6.9	7.2	6.9	7.5
500 to 999 acres	149,819	143,852	159,696	167,452	163,694	2.3	2.3	2.5	2.5	2.7
1,000 acres and over	67,405	63,328	80,620	88,662	100,531	1.0	1.0	1.3	1.3	1.6
	All land in farms (thousands of acres)					Percent distribution of land in farms				
Total	**955,884**	**924,319**	**986,771**	**1,054,515**	**1,060,852**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under 3 acres	34	23	61	51	51	(1)	(1)	(1)	(1)	(1)
3 to 9 acres	1,567	2,074	1,847	3,006	2,617	0.2	0.2	0.2	0.3	0.2
10 to 19 acres	7,087	8,060	7,789	9,369	7,607	.7	.9	.8	.9	.7
20 to 49 acres	48,466	46,405	46,252	46,594	39,892	5.1	5.0	4.7	4.4	3 8
50 to 99 acres	105,631	101,906	98,685	104,016	93,317	11.1	11.0	10.0	9.9	8 8
100 to 499 acres	471,488	443,912	447,000	467,535	441,366	49.3	48.0	45.3	44.3	41.6
100 to 174 acres	194,681	185,708	180,214	188,859	172,020	20 4	20.1	18.3	17.9	16.2
175 to 259 acres	112,563	106,473	110,265	114,408	109,777	11 8	11.5	11.2	10.8	10 3
260 to 499 acres	164,244	151,731	156,522	164,268	159,569	17.2	16.4	15 9	15.6	15.0
500 to 999 acres	100,976	97,468	108,924	114,244	111,935	10.6	10.5	11.0	10 8	10.6
1,000 acres and over	220,636	224,472	276,213	309,701	364,069	23.1	24.3	28.0	29.4	34.3

SIZE OF FARM	1945							
	Number of farms	All land in farms (1,000 acres)	Cropland harvested (1,000 acres)	Value of land and buildings ($1,000)	Percent distribution			
					Number of farms	All land in farms	Cropland harvested	Value of land and bldgs.
Total	**5,859,169**	**1,141,615**	**352,866**	**16,388,926**	**100.0**	**100.0**	**100.0**	**100.0**
Under 3 acres	98,966	141	55	287,917	1.7	(1)	(1)	0.6
3 to 9 acres	495,595	2,664	1,219	1,429,843	8 5	0.2	0.3	3.1
10 to 29 acres	945,608	16,864	9,766	2,756,084	16.1	1.5	2.8	5.9
30 to 49 acres	708,796	27,074	13,304	2,321,623	12.1	2.4	3.8	5 0
50 to 99 acres	1,157,320	83,206	35,864	5,547,534	19.8	7.3	10.2	12.0
50 to 69 acres	472,415	27,209	11,809	1,919,184	8.1	2.4	3.3	4.1
70 to 99 acres	684,905	55,997	24,056	3,628,350	11.7	4.9	6.8	7.8
100 to 179 acres	1,199,809	162,375	73,264	9,828,841	20.5	14.2	20.8	21.2
100 to 139 acres	633,851	73,070	30,853	4,352,514	10.8	6.4	8.7	9.4
140 to 179 acres	565,958	89,305	42,411	5,476,328	9.7	7.8	12.0	11.8
180 to 259 acres	493,215	105,802	49,027	6,339,439	8.4	9.3	13.9	13.7
180 to 219 acres	282,839	55,800	24,762	3,263,383	4.8	4.9	7.0	7.0
220 to 259 acres	210,376	50,002	24,265	3,076,056	3.6	4.4	6.9	6.6
260 to 499 acres	473,184	164,648	76,209	8,148,161	8.1	14.4	21.6	17.6
260 to 379 acres	331,727	103,067	48,264	5,418,975	5.7	9.0	13.7	11.7
380 to 499 acres	141,457	61,581	27,946	2,729,186	2.4	5.4	7.9	5.9
500 to 999 acres	173,777	118,836	46,308	3,996,118	3.0	10.4	13.1	8.6
500 to 699 acres	105,515	62,275	25,426	2,285,239	1.8	5.5	7.2	4.9
700 to 999 acres	68,262	56,560	20,882	1,710,880	1.2	5.0	5.9	3.7
1,000 acres and over	112,899	460,006	47,849	5,733,364	1.9	40.3	13.6	12.4

[1] 0.05 percent or less.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 678.—Farms—Number, by Size, by States: 1945

Division and State	Total number of farms	Under 3 acres	3 to 9 acres	10 to 29 acres	30 to 49 acres	50 to 99 acres	100 to 179 acres	180 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 acres and over
United States	5,859,169	98,966	495,595	945,608	708,796	1,157,320	1,199,809	493,215	473,184	173,777	112,899
New England	150,311	4,320	21,764	26,016	15,603	29,907	29,311	11,918	8,982	2,149	341
Maine	42,184	503	3,549	5,252	4,270	11,124	10,469	3,757	2,507	642	111
New Hampshire	18,786	366	2,259	3,045	2,064	4,032	3,774	1,506	1,291	383	66
Vermont	26,490	398	2,314	2,612	1,537	4,064	7,300	4,073	3,431	692	69
Massachusetts	37,007	2,304	8,860	9,314	4,394	5,742	3,945	1,283	884	232	49
Rhode Island	3,603	192	653	750	453	710	526	169	107	31	12
Connecticut	22,241	557	4,129	5,043	2,885	4,235	3,297	1,130	762	169	34
Middle Atlantic	347,477	6,806	36,495	49,516	33,041	83,505	87,593	29,791	17,595	2,714	421
New York	149,490	2,451	12,920	18,042	12,179	32,532	40,752	17,239	11,404	1,739	232
New Jersey	26,226	1,297	4,904	6,027	2,783	4,662	4,411	1,276	683	140	43
Pennsylvania	171,761	3,058	18,671	25,447	18,079	46,311	42,430	11,276	5,508	835	146
East North Central	953,797	5,774	64,139	93,002	91,724	226,111	276,999	115,143	70,538	9,211	1,156
Ohio	220,575	1,558	21,792	29,061	21,725	57,299	58,284	19,240	10,102	1,335	179
Indiana	175,970	1,294	14,547	21,807	18,173	40,339	46,103	19,516	12,268	1,719	204
Illinois	204,239	1,490	12,340	16,769	13,623	31,654	60,390	36,548	27,377	3,678	370
Michigan	175,268	764	10,438	18,161	25,140	48,939	46,340	15,751	8,457	1,064	214
Wisconsin	177,745	668	5,022	7,204	13,063	47,880	65,882	24,088	12,334	1,415	189
West North Central	1,031,993	5,677	42,311	52,305	53,730	131,046	285,119	159,205	196,212	74,336	32,052
Minnesota	188,952	1,173	6,176	7,605	11,220	29,479	64,773	34,397	29,350	4,277	502
Iowa	208,934	993	9,671	9,589	7,585	28,080	80,342	42,317	27,483	2,655	219
Missouri	242,934	1,188	13,720	22,275	26,098	49,988	64,157	31,905	26,657	5,935	1,011
North Dakota	69,520	220	527	670	583	1,019	6,654	3,670	26,198	22,004	7,975
South Dakota	68,705	310	989	1,199	950	2,157	11,572	7,990	23,243	11,967	8,298
Nebraska	111,756	740	3,862	3,737	2,250	7,069	28,316	19,680	28,083	10,805	7,214
Kansas	141,192	1,053	7,366	7,230	5,044	13,254	29,305	19,246	35,198	16,663	6,833
South Atlantic	1,043,475	17,576	101,248	238,183	179,920	244,437	155,605	50,838	37,643	12,644	5,381
Delaware	9,296	362	919	1,362	1,128	2,181	1,982	737	498	100	27
Maryland	41,275	767	5,275	6,779	4,199	8,425	9,154	3,627	2,409	539	101
Dist. of Columbia	40	9	11	9	4	1	3	1	2	------	------
Virginia	173,051	3,126	23,107	35,258	22,295	37,109	29,149	10,840	8,673	2,726	768
West Virginia	97,600	2,132	12,832	17,085	12,733	23,800	17,515	5,903	4,105	1,171	324
North Carolina	287,412	3,187	24,153	81,082	56,036	70,520	35,546	9,176	5,813	1,522	377
South Carolina	147,745	1,475	14,127	46,177	27,907	30,100	16,068	5,021	3,998	1,624	748
Georgia	225,897	3,439	11,862	35,867	45,254	61,952	39,125	12,946	9,832	3,857	1,763
Florida	61,159	2,579	8,962	14,564	10,364	10,349	7,063	2,587	2,313	1,105	1,273
East South Central	959,829	14,140	87,495	241,664	168,581	220,841	144,392	42,051	28,528	8,658	3,479
Kentucky	238,501	4,061	27,815	41,774	31,022	62,054	47,680	14,028	8,036	1,689	342
Tennessee	234,431	2,424	24,692	52,780	37,016	58,580	38,710	11,162	7,039	1,660	288
Alabama	223,369	6,480	16,554	45,453	52,938	53,781	29,271	8,405	6,579	2,513	1,395
Mississippi	263,528	1,175	18,434	101,657	47,605	46,426	28,651	8,456	6,874	2,796	1,454
West South Central	877,831	24,529	66,553	152,229	116,689	161,010	165,688	62,178	74,749	31,959	22,247
Arkansas	198,769	5,207	16,146	47,237	38,312	41,179	29,958	9,797	7,504	2,472	957
Louisiana	129,295	1,878	10,647	47,057	29,751	20,566	10,400	3,256	3,166	1,531	1,043
Oklahoma	164,790	5,169	9,971	12,064	13,536	27,401	44,579	15,486	24,752	8,310	3,522
Texas	384,977	12,275	29,789	45,871	35,090	71,864	80,751	33,639	39,327	19,646	16,725
Mountain	212,527	5,886	20,079	21,907	15,834	25,926	29,397	11,643	24,638	22,162	35,055
Montana	37,747	205	1,303	1,411	1,100	2,127	4,204	1,927	5,865	6,852	12,753
Idaho	41,498	744	3,523	3,833	4,912	9,045	7,734	2,918	4,186	2,469	2,134
Wyoming	13,076	98	458	416	381	1,010	2,009	915	1,729	1,659	4,401
Colorado	47,618	831	4,127	4,491	2,430	4,820	7,358	2,829	7,074	6,269	7,389
New Mexico	29,695	716	4,171	4,638	2,198	2,520	3,103	1,068	3,165	3,014	5,102
Arizona	13,142	1,413	2,386	2,360	1,257	1,492	1,302	379	695	560	1,298
Utah	26,322	1,737	3,855	4,375	3,187	4,413	3,200	1,418	1,622	1,075	1,440
Nevada	3,429	142	256	383	369	499	487	189	302	264	538
Pacific	281,929	14,258	55,511	70,786	33,674	34,537	25,705	10,448	14,299	9,944	12,767
Washington	79,887	2,617	16,975	20,761	9,893	9,751	6,762	2,688	3,897	2,998	3,545
Oregon	63,125	1,892	10,863	12,802	7,467	9,278	7,953	3,237	3,956	2,394	3,283
California	138,917	9,749	27,673	37,223	16,314	15,508	10,990	4,523	6,446	4,552	5,939

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 679.—Farms—Number, by Color and Tenure of Operator: 1910 to 1945

["White" includes Mexicans. "Nonwhite" comprises Negroes, Indians, Chinese, Japanese, and all other nonwhite races. Leaders indicate no data available. See also *Historical Statistics*, series E 19–24, 43–45]

COLOR AND TENURE OF OPERATOR	1910	1920	1930	1935	1940	1945	Percent distribution, 1945
All farm operators	6,361,502	6,448,343	6,288,648	6,812,350	6,096,799	5,859,169	100.0
Owners	3,948,722	3,925,090	3,568,394	3,899,091	3,699,177	3,961,863	67.6
Full owners	3,354,897	3,366,510	2,911,644	3,210,224	3,084,138	3,301,361	56.3
Part owners	593,825	558,580	656,750	688,867	615,039	660,502	11.3
Managers	58,104	68,449	55,889	48,104	36,351	38,885	.7
Tenants	2,354,676	2,454,804	2,664,365	2,865,155	2,361,271	1,858,421	31.7
Cash	712,294	480,009	489,210	----------	514,438	402,175	6.9
Other	1,642,382	1,974,795	2,175,155	----------	1,846,833	1,456,246	24.9
White operators	5,440,619	5,498,454	5,372,578	5,956,795	5,377,728	5,169,954	100.0
Owners	3,707,501	3,691,868	3,365,674	3,687,697	3,498,079	3,755,946	72.6
Full owners	3,159,088	3,174,109	2,752,787	3,036,910	2,916,562	3,126,212	60.5
Part owners	548,413	517,759	612,887	650,787	581,517	629,734	12.2
Managers	56,560	66,223	52,767	46,914	35,634	38,263	.7
Tenants	1,676,558	1,740,363	1,954,137	2,222,184	1,844,015	1,375,745	26.6
Cash	447,851	373,835	387,834	----------	444,205	326,787	6.3
Other	1,228,707	1,366,528	1,566,303	----------	1,399,810	1,048,958	20.3
Nonwhite operators	920,883	949,889	916,070	855,555	719,071	689,215	100.0
Owners	241,221	233,222	202,720	211,394	201,098	205,917	29.9
Full owners	195,809	192,401	158,857	173,314	167,576	175,149	25.4
Part owners	45,412	40,821	43,863	38,080	33,522	30,768	4.5
Managers	1,544	2,226	3,122	1,190	717	622	.1
Tenants	678,118	714,441	710,228	642,971	517,256	482,676	70.0
Cash	264,443	106,174	101,376	----------	70,233	75,388	10.9
Other	413,675	608,267	608,852	----------	447,023	407,288	59.1

No. 680.—All Land in Farms, Cropland Harvested, and Value of Farms, by Color and Tenure of Operator: 1940 and 1945

[See also *Historical Statistics*, series E 31–42]

COLOR AND TENURE OF OPERATOR	ALL LAND IN FARMS (thousands of acres)		CROPLAND HARVESTED (thousands of acres)		VALUE OF FARMS (LAND AND BUILDINGS)			
					Amount (thousands of dollars)		Average per farm (dollars)	
	1940	1945	1939	1944	1940	1945	1940	1945
All farm operators	1,060,852	1,141,615	321,242	352,866	33,641,739	46,388,926	5,518	7,917
Owners	682,424	783,609	186,395	226,617	21,409,685	31,135,666	5,788	7,859
Full owners	382,098	412,358	115,418	128,015	15,297,274	21,106,511	4,960	6,393
Part owners	300,325	371,251	70,976	98,602	6,112,411	10,029,155	9,938	15,184
Managers	66,530	106,372	6,405	8,326	1,442,657	2,354,563	39,687	60,552
Tenants	311,899	251,634	128,442	117,923	10,789,397	12,898,697	4,569	6,941
Cash	74,889	61,121	18,810	15,913	2,227,608	2,288,430	4,330	5,690
Other	237,010	190,513	109,632	102,011	8,561,788	10,610,267	4,636	7,286
White operators	1,015,112	1,100,859	305,637	337,455	32,657,036	45,112,676	6,073	8,726
Owners	657,943	767,477	182,365	222,417	21,085,091	30,680,053	6,028	8,168
Full owners	360,731	400,021	112,382	124,814	15,041,143	20,745,964	5,157	6,636
Part owners	297,212	367,456	69,983	97,603	6,043,949	9,934,089	10,393	15,775
Managers	66,263	101,776	6,328	8,227	1,427,863	2,325,753	40,070	60,783
Tenants	290,907	231,605	116,944	106,812	10,144,082	12,106,870	5,501	8,800
Cash	71,364	56,403	17,186	14,045	2,113,182	2,165,620	4,757	6,627
Other	219,543	175,203	99,758	92,767	8,030,900	9,941,250	5,737	9,477
Nonwhite operators	45,740	40,757	15,605	15,410	984,702	1,276,249	1,369	1,852
Owners	24,481	16,132	4,030	4,200	324,594	455,612	1,614	2,213
Full owners	21,368	12,337	3,036	3,201	256,132	360,547	1,528	2,059
Part owners	3,113	3,795	994	999	68,462	95,065	2,042	3,090
Managers	268	4,596	77	99	14,794	28,810	20,633	46,318
Tenants	20,992	20,029	11,498	11,111	645,315	791,827	1,248	1,640
Cash	3,525	4,719	1,624	1,867	114,426	122,810	1,629	1,629
Other	17,467	15,310	9,874	9,244	530,888	669,017	1,188	1,643

Source of tables 679 and 680: Dept. of Commerce, Bureau of Census; 1945 Census of Agriculture, Vol. II.

No. 681.—Farms—Number, by Tenure of Operator, by States: 1940 and 1945

[For total number of farms (all tenures combined), see table 673]

Division and State	Number of farms operated by—								Tenants as percent of total number	
	Full owners		Part owners		Managers		Tenants			
	1940	1945	1940	1945	1940	1945	1940	1945	1940	1945
United States	**3,084,138**	**3,301,361**	**615,039**	**660,502**	**36,351**	**38,885**	**2,361,271**	**1,858,421**	**38.7**	**31.7**
New England	**116,459**	**132,943**	**7,061**	**9,370**	**1,661**	**2,383**	**10,009**	**5,615**	**7.4**	**3.7**
Maine	34,887	38,736	1,363	1,900	211	211	2,519	1,337	6.5	3.2
New Hampshire	14,648	16,606	694	1,274	158	238	1,054	668	6.4	3.6
Vermont	19,342	23,300	1,610	1,567	286	321	2,344	1,302	9.9	4.9
Massachusetts	27,446	33,269	1,626	1,903	560	868	2,265	967	7.1	2.6
Rhode Island	2,358	2,745	276	433	71	113	309	312	10.3	8.7
Connecticut	17,778	18,287	1,492	2,293	375	632	1,518	1,029	7.2	4.6
Middle Atlantic	**269,199**	**270,001**	**24,440**	**35,813**	**3,786**	**4,511**	**50,675**	**37,152**	**14.6**	**10.7**
New York	117,972	116,070	14,128	19,045	1,594	2,038	19,544	12,337	12.8	8.3
New Jersey	19,448	19,759	1,922	3,221	430	575	4,035	2,671	15.6	10.2
Pennsylvania	131,779	134,172	8,390	13,547	1,762	1,898	27,096	22,144	16.0	12.9
East North Central	**605,092**	**588,434**	**114,813**	**134,460**	**5,848**	**6,346**	**280,342**	**224,557**	**27.9**	**23.5**
Ohio	150,124	146,331	21,032	24,835	1,205	1,399	61,422	48,010	26.3	21.8
Indiana	107,818	108,199	23,445	26,891	1,076	978	52,210	39,902	28.3	22.7
Illinois	87,004	87,527	32,826	35,266	1,627	1,680	91,982	79,766	43.1	39.1
Michigan	133,545	126,589	21,383	27,096	861	1,047	31,800	20,536	17.0	11.7
Wisconsin	126,601	119,788	16,127	20,372	1,079	1,242	42,928	36,343	23.0	20.4
West North Central	**447,208**	**468,942**	**176,304**	**204,908**	**4,662**	**4,057**	**462,400**	**354,086**	**42.4**	**34.3**
Minnesota	103,866	103,363	29,037	34,354	631	750	63,817	50,485	32.3	26.7
Iowa	88,206	94,573	22,410	25,195	1,218	921	101,484	88,245	47.6	42.2
Missouri	133,927	145,426	29,836	31,552	1,182	810	91,155	65,146	35.6	26.8
North Dakota	18,651	22,160	21,740	27,775	194	261	33,377	19,324	45.1	27.8
South Dakota	15,053	17,329	18,750	24,898	253	312	38,398	26,166	53.0	38.1
Nebraska	35,064	33,622	21,497	24,603	554	432	63,947	53,099	52.8	47.5
Kansas	52,441	52,469	33,034	36,531	630	571	70,222	51,621	44.9	36.6
South Atlantic	**519,108**	**583,525**	**64,553**	**57,915**	**5,991**	**6,614**	**429,799**	**395,421**	**42.2**	**37.9**
Delaware	5,401	6,527	555	629	109	205	2,929	1,935	32.6	20.8
Maryland	28,737	28,386	1,721	2,564	658	832	10,994	9,493	26.1	23.0
District of Columbia	29	17	1	2	23	20	12	1	18.5	2.5
Virginia	113,510	124,383	13,164	12,219	1,104	1,273	47,107	35,176	26.9	20.3
West Virginia	71,542	78,398	4,783	4,398	378	417	22,579	14,387	22.7	14.7
North Carolina	132,451	144,450	21,784	19,835	565	550	123,476	122,577	44.4	42.6
South Carolina	50,643	59,757	9,224	7,486	507	473	77,184	80,029	56.1	54.2
Georgia	76,103	96,134	9,078	7,217	1,002	1,008	129,850	121,538	60.1	53.8
Florida	40,692	45,473	4,243	3,565	1,645	1,836	15,668	10,285	25.2	16.8
East South Central	**447,286**	**498,413**	**61,134**	**52,090**	**2,327**	**2,182**	**512,602**	**407,144**	**50.1**	**42.4**
Kentucky	149,695	159,889	18,909	14,332	466	435	83,824	63,845	33.1	26.8
Tennessee	128,591	139,072	18,852	17,615	439	390	99,735	77,354	40.3	33.0
Alabama	80,303	100,072	14,804	13,218	415	389	136,224	109,690	58.8	49.1
Mississippi	88,697	99,380	8,569	6,925	1,007	968	192,819	156,255	66.2	59.3
West South Central	**361,296**	**427,118**	**90,920**	**83,602**	**5,262**	**4,397**	**506,892**	**362,714**	**52.6**	**41.3**
Arkansas	85,842	99,694	14,794	9,904	596	561	115,442	88,610	53.3	44.6
Louisiana	52,936	58,761	7,376	6,433	528	560	89,167	63,541	59.4	49.1
Oklahoma	55,859	70,669	25,227	27,652	780	698	97,821	65,771	54.4	39.9
Texas	166,659	197,994	43,523	39,613	3,358	2,578	204,462	144,792	48.9	37.6
Mountain	**128,268**	**119,910**	**45,504**	**51,262**	**2,311**	**2,536**	**57,414**	**38,819**	**24.6**	**18.3**
Montana	17,028	16,622	12,856	14,530	297	317	11,642	6,278	37.8	16.6
Idaho	26,050	26,109	6,175	6,785	285	240	11,153	8,364	25.5	20.2
Wyoming	6,814	5,772	4,311	4,406	255	301	3,638	2,597	24.2	19.9
Colorado	22,385	22,986	9,442	10,809	471	528	19,138	13,295	37.2	27.9
New Mexico	22,164	18,232	5,866	7,088	264	299	5,811	4,076	17.0	13.7
Arizona	13,889	9,064	1,946	1,867	493	525	2,140	1,686	11.6	12.8
Utah	17,310	18,483	4,596	5,440	129	193	3,376	2,206	13.3	8.4
Nevada	2,628	2,642	312	337	117	133	516	317	14.4	9.2
Pacific	**190,222**	**212,075**	**30,310**	**31,082**	**4,503**	**5,859**	**51,138**	**32,913**	**18.5**	**11.7**
Washington	58,083	61,280	8,478	9,042	663	596	14,462	8,969	17.7	11.2
Oregon	42,296	47,847	7,841	7,934	415	521	11,277	6,823	18.2	10.8
California	89,843	102,948	13,991	14,106	3,425	4,742	25,399	17,121	19.1	12.3

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 682.—Farm Acreage, by Tenure of Operator, by States: 1940 and 1945

[In thousands of acres. For total farm acreage (all tenures combined), see table 673]

Division and State	All land in farms operated by—									
	Full owners		Part owners				Managers		Tenants	
			Total		Rented					
	1940	1945	1940	1945	1940	1945	1940	1945	1940	1945
United States	382,098	412,358	300,325	371,251	155,686	178,992	66,530	106,372	311,899	251,634
The North	162,407	170,048	113,029	143,654	56,160	66,541	7,568	9,582	152,084	124,431
The South	153,366	178,119	65,515	71,402	31,750	34,350	28,274	29,057	123,013	99,216
The West	66,326	64,191	121,781	156,195	67,777	78,101	30,688	67,732	36,801	27,987
New England:										
Maine	3,671	4,066	244	370	75	101	76	71	233	106
New Hampshire	1,484	1,616	132	238	42	72	72	97	121	67
Vermont	2,807	3,260	375	368	130	122	97	101	388	202
Massachusetts	1,489	1,650	167	216	61	78	164	167	118	45
Rhode Island	156	169	28	44	11	20	13	30	24	22
Connecticut	1,109	1,058	203	340	77	128	92	126	109	69
Middle Atlantic:										
New York	12,008	11,872	2,322	3,446	859	1,213	450	657	2,391	1,593
New Jersey	1,213	1,051	205	364	75	136	113	171	342	231
Pennsylvania	10,419	10,434	1,087	1,941	401	694	429	493	2,659	2,152
East North Central:										
Ohio	11,670	11,340	3,060	4,069	1,380	1,843	332	440	6,845	6,079
Indiana	8,949	8,898	3,833	4,952	1,858	2,373	318	331	6,700	5,846
Illinois	9,136	8,929	6,565	7,856	3,272	3,953	457	524	14,875	14,293
Michigan	11,170	10,868	3,144	4,530	1,299	1,855	318	418	3,406	2,576
Wisconsin	14,079	14,218	2,681	3,695	1,056	1,369	326	414	5,790	5,289
West North Central:										
Minnesota	13,496	14,388	7,311	8,857	3,260	3,694	229	299	11,572	9,596
Iowa	11,607	12,535	5,133	5,831	2,416	2,587	363	314	17,045	15,774
Missouri	16,083	18,102	6,145	7,460	2,793	3,317	489	463	12,022	9,254
North Dakota	6,530	8,887	16,569	22,471	8,699	10,347	241	444	14,596	9,200
South Dakota	4,012	5,091	19,542	26,579	12,202	14,299	642	1,363	15,278	9,998
Nebraska	10,282	10,644	17,098	18,832	7,105	7,359	1,585	1,869	18,380	16,408
Kansas	11,035	10,972	17,187	21,194	9,086	10,983	761	790	19,190	15,633
South Atlantic:										
Delaware	438	511	78	94	26	39	25	55	355	264
Maryland	2,412	2,368	229	376	91	147	207	278	1,349	1,177
Dist. of Columbia	(1)	(1)	(1)	(1)	(1)	(1)	2	2	(1)	(1)
Virginia	10,411	11,065	1,515	1,643	569	602	664	769	3,855	2,880
West Virginia	6,371	6,775	610	677	233	261	157	176	1,770	1,092
North Carolina	9,804	10,482	1,740	1,646	680	608	316	295	6,986	6,195
South Carolina	5,170	6,042	1,111	919	450	357	657	501	4,301	3,560
Georgia	9,942	12,350	1,624	1,396	668	510	1,027	1,137	11,090	8,793
Florida	3,688	6,402	1,670	3,569	1,202	1,878	1,636	2,281	1,343	833
East South Central:										
Kentucky	12,793	13,457	1,750	1,578	645	596	203	221	5,549	4,469
Tennessee	10,473	10,886	1,900	1,896	714	686	232	217	5,887	4,790
Alabama	8,506	10,044	2,112	2,094	896	869	376	501	8,149	6,428
Mississippi	9,915	11,534	1,316	1,220	542	502	922	1,148	7,003	5,714
West South Central:										
Arkansas	8,662	10,238	2,186	1,777	920	760	474	614	6,722	4,828
Louisiana	4,498	5,258	1,116	1,128	572	569	749	850	3,633	2,804
Oklahoma	7,841	9,841	11,057	13,435	5,546	6,527	1,136	1,475	14,769	11,410
Texas	42,442	50,865	35,500	37,954	17,996	19,440	19,490	18,538	40,252	33,980
Mountain:										
Montana	7,527	9,109	28,033	39,642	15,583	18,335	3,032	5,291	7,860	4,745
Idaho	4,128	4,812	3,974	5,519	1,890	2,470	412	668	1,784	1,504
Wyoming	3,784	3,290	16,281	19,519	7,486	8,052	5,417	7,806	2,544	2,501
Colorado	6,619	7,616	15,475	19,976	8,345	8,761	2,112	3,598	7,321	5,027
New Mexico	9,772	8,703	19,158	24,750	11,755	14,031	5,746	13,133	4,186	3,023
Arizona	9,748	1,534	8,656	11,581	6,807	9,157	6,093	23,568	1,154	1,173
Utah	3,266	3,694	2,788	4,344	1,301	1,904	704	1,850	544	421
Nevada	1,417	1,533	607	1,289	319	635	1,529	3,123	232	233
Pacific:										
Washington	4,687	5,003	6,719	7,992	3,481	3,825	733	818	3,042	2,908
Oregon	6,370	7,708	8,493	8,700	4,089	3,691	686	1,569	2,439	1,778
California	9,009	11,189	11,599	12,883	6,721	7,241	4,224	6,309	5,694	4,674

[1] 500 acres or less.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 683.—Value of Farms (Land and Buildings), by Tenure of Operator, by States: 1940 and 1945

[For total value of farms and average value per farm for all tenures combined, see table 673]

Division and State	Value of farms (land and buildings) in millions of dollars								Average value per farm (dollars), 1945			
	Full owners		Part owners		Managers		Tenants					
	1940	1945	1940	1945	1940	1945	1940	1945	Full owners	Part owners	Managers	Tenants
United States	15,297.3	21,106.5	6,112.4	10,029.2	1,442.7	2,354.6	10,789.4	12,898.7	6,393	15,184	60,552	6,941
The North	8,412.0	10,604.4	3,424.9	5,885.9	493.7	722.3	6,578 5	8,188.8	7,262	15,306	41,760	13,178
The South	4,582.5	6,802.1	1,350.8	1,932.6	552.4	798.6	3,230.4	3,615.6	4,568	9,982	60,530	3,103
The West	2,302.7	3,700.0	1,336.7	2,210.7	396.6	833.7	980.4	1,094.3	11,145	26,847	99,304	15,256
New England:												
Maine	107.2	138.6	6.9	13.2	3.6	4.3	6.4	3.7	3,577	6,923	20,324	2,752
N Hamp	51.0	63.3	4.0	8.4	3.5	5.9	3.7	2.8	3,810	6,574	24,930	4,217
Vermont	85.3	109.9	10.3	12.9	4.6	5.4	10.8	6.4	4,718	8,201	16,728	4,932
Mass	159.1	199.6	15.2	22.7	26.2	37.7	11.6	5.2	5,999	11,926	43,484	5,395
Rhode Island	16.9	20.9	3.4	6.8	3.7	5.6	2.3	2.3	7,609	15,714	49,491	7,458
Connecticut	138.2	166.9	22.6	36.9	29.6	50.4	14.3	8.9	9,127	16,088	79,669	8,628
Middle Atlantic:												
New York	649.9	687.5	125.7	212.9	55.5	100.2	116.0	86.9	5,924	11,179	49,161	7,043
New Jersey	152.0	176.1	23.2	52.5	19.9	37.8	32.7	26.5	8,913	16,302	65,783	9,934
Pennsylvania	595.3	669.4	58.7	124.7	64.3	73.6	146.0	140.8	4,989	9,208	38,764	6,359
E. N. Central:												
Ohio	776.0	932.1	196.7	350.7	37.0	59.5	434.1	526.1	6,370	14,120	42,560	10,958
Indiana	565.5	776 0	236.8	430.6	25.3	36.4	423.9	551.4	7,172	16,013	37,183	13,818
Illinois	734.5	969 6	487.1	814.4	57 4	82.3	1,258.2	1,796.3	11,077	23,092	48,999	22,519
Michigan	579.8	710 0	142.5	281.1	25.5	40.1	164 7	168 1	5,609	10,375	38,258	8,185
Wisconsin	757.2	847.5	123.9	208.0	23.5	34.8	283.9	344.0	7,075	10,212	27,991	9,465
W. N. Central:												
Minnesota	655.7	820.8	270.6	416.1	13.8	21.0	502.9	575.8	7,941	12,112	28,033	11,405
Iowa	981.3	1,331.5	384.6	584.4	31.4	33.4	1,293.4	1,661.8	14,079	23,196	36,274	18,831
Missouri	506.4	738.5	189.7	319.5	27.0	28.2	384.2	440.8	5,078	10,125	34,888	6,766
N. Dakota	119.9	189 2	191 9	345.6	3 8	7.3	174 6	166.3	8,538	12,442	27,832	8,605
S. Dakota	93.9	155.7	171 4	331 6	5.0	11.8	235.1	265 2	8,986	13,316	37,802	10,137
Nebraska	303.5	408.3	297.8	521 9	15.0	22.6	521.5	746 5	12,144	21,211	52,226	14,058
Kansas	383.5	492.9	461.7	791.2	18.0	24.1	558.1	663.1	9,394	21,659	42,278	12,845
South Atlantic:												
Delaware	32.5	40.7	3.4	6.0	2.6	11.8	16.5	14.2	6,237	9,508	57,420	7,355
Maryland	173.0	209.2	13.2	33.2	19.1	35.2	68.6	77.2	7,370	12,942	42,342	8,131
Dist. of Col	.5	.3	(1)	(1)	5.1	4.6	0.2	(1)	(2)	(2)	(2)	(2)
Virginia	450.8	602 7	62.7	87.7	39.5	57.9	122.0	120.5	4,845	7,181	45,498	3,425
W. Virginia	199.7	264 6	17 8	25 5	8.0	11.4	44 3	39 4	3,375	5,807	27,333	2,742
N. Carolina	376 8	538.3	64.8	87 4	13 7	16 6	281.3	360.7	3,727	4,405	30,179	2,943
S. Carolina	163 4	240 6	32.9	33 5	14.3	16.0	127.9	150 6	4,026	4,471	33,732	1,882
Georgia	214.3	353.3	32.5	39.2	23.5	29.7	210.0	232 0	3,675	5,438	29,492	1,909
Florida	191.5	314.9	27.7	44.0	75.1	115.6	30.0	23.9	6,925	12,341	62,959	2,324
E. S. Central:												
Kentucky	487.2	666.6	62.0	75.3	20.8	31.5	206.5	242.4	4,169	5,255	72,339	3,797
Tennessee	385.0	536 8	65.1	92.5	13.3	16.9	201.0	224 8	3,860	5,253	43,313	2,906
Alabama	180.9	290.5	44.6	62.8	9.5	15.0	173.8	191.4	2,903	4,749	38,610	1,745
Mississippi	211.0	331.2	30.8	38.1	34.7	59.5	198.5	218.8	3,333	5,500	61,422	1,400
W. S. Central:												
Arkansas	195.2	339.4	51.9	63.6	19.2	32.9	190.6	226.8	3,405	6,424	58,676	2,560
Louisiana	150.5	231.6	40.6	58.4	27.5	43.6	135 3	138.6	3,942	9,079	77,938	2,182
Oklahoma	236.5	346.1	237.6	375.4	21.1	28.0	336.0	356.6	4,897	13,575	40,182	5,422
Texas	933.5	1,495.2	563.2	809.9	205.3	272.3	888.0	997.6	7,552	20,444	105,635	6,890
Mountain:												
Montana	98.3	139.1	162.2	285.8	18.2	30.9	71.5	62.1	8,368	19,670	97,533	9,887
Idaho	162.9	233.9	85.2	144.0	6.8	11.2	84.3	104.1	8,960	21,227	46,838	12,451
Wyoming	45.3	54.0	70.7	118.1	17.5	31.8	25.5	28.1	9,354	26,814	105,786	10,808
Colorado	135.9	189.1	105.6	204.4	17.5	26.0	129.4	145.0	8,227	18,911	49,224	10,905
New Mexico	70.6	100.9	72.2	141.7	14.9	49.3	29.9	34.8	5,536	19,992	164,885	8,541
Arizona	59.3	101.1	48.7	73.6	26.5	86.4	19.2	26.8	11,151	39,425	164,623	15,878
Utah	92.8	148.4	40.1	80.0	4.3	14.0	17.2	19.4	8,029	14,702	72,569	8,812
Nevada	27.5	36.4	6.1	11.4	9.6	19.0	4.5	5.1	13,777	33,897	142,922	16,167
Pacific:												
Washington	296.2	455.3	158.9	257.7	18.1	31.4	120.2	155.8	7,430	28,496	52,720	17,372
Oregon	251.0	393.9	130.8	195.8	15.1	28.0	80.0	80.1	8,233	24,675	53,740	11,737
California	1,063.0	1,847.9	456.3	698.1	248.3	505.5	398.8	433.0	17,950	49,493	106,602	25,291

[1] 500 acres or less.
[2] Not shown separately.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 684.—Farms—Number, Acreage, and Value, by Color of Operator, by States: 1940 and 1945

[**Acreage in thousands; value in thousands of dollars.** For definition of white and nonwhite, see headnote, table 679, p. 571]

Division and State	Number of farms				All land in farms				Value of farms (land and buildings)	
	White		Nonwhite		White		Nonwhite			
	1940	1945	1940	1945	1940	1945	1940	1945	White, 1945	Nonwhite, 1945
United States	5,377,728	5,169,954	719,071	689,215	1,015,112	1,100,859	45,740	40,757	15,112,676	1,276,249
New England:										
Maine	38,962	42,145	18	39	4,223	4,611	1	2	159,627	54
New Hampshire	16,552	18,782	2	4	1,809	2,017	(1)	(1)	80,388	7
Vermont	23,570	26,476	12	14	3,666	3,928	1	3	134,512	64
Massachusetts	31,416	36,653	481	354	1,932	2,073	6	6	264,162	1,071
Rhode Island	3,009	3,589	5	14	222	265	(1)	(1)	35,532	78
Connecticut	21,118	22,177	45	64	1,510	1,591	2	2	262,580	443
Middle Atlantic:										
New York	152,671	148,828	567	662	17,129	17,524	42	45	1,084,967	2,555
New Jersey	25,387	25,529	448	697	1,860	1,799	15	19	290,470	2,511
Pennsylvania	168,705	171,412	322	349	14,578	15,001	16	20	1,006,696	1,878
East North Central:										
Ohio	232,684	219,459	1,099	1,116	21,838	21,851	69	77	1,863,598	4,753
Indiana	184,169	175,594	380	376	19,783	20,003	17	24	1,792,403	1,912
Illinois	212,654	203,325	785	914	30,988	31,549	44	53	3,659,287	3,258
Michigan	186,828	174,247	761	1,021	17,998	18,334	40	58	1,195,558	3,732
Wisconsin	186,431	177,466	304	279	22,863	23,594	13	21	1,433,453	842
West North Central:										
Minnesota	197,057	188,745	294	207	32,585	33,119	22	21	1,833,248	514
Iowa	213,191	208,790	127	144	34,141	34,444	8	10	3,610,525	615
Missouri	252,410	238,937	3,690	3,997	34,565	35,101	175	178	1,515,535	11,426
North Dakota	73,369	68,789	593	731	37,812	40,783	124	218	706,254	2,068
South Dakota	70,713	67,156	1,741	1,549	38,762	41,884	712	1,148	758,587	5,712
Nebraska	120,779	111,547	283	209	47,314	47,724	30	29	1,697,388	1,821
Kansas	155,582	140,403	745	789	48,064	48,478	110	112	1,967,404	3,927
South Atlantic:										
Delaware	8,369	8,605	625	691	859	888	37	36	70,568	2,126
Maryland	38,059	37,057	4,051	4,218	3,962	3,947	236	253	338,563	16,244
Dist. of Columbia	61	37	4	3	2	2	(1)	(1)	4,913	48
Virginia	139,795	138,096	35,090	34,955	14,662	14,507	1,783	1,851	799,434	69,372
West Virginia	98,611	96,900	671	700	8,885	8,689	24	30	339,228	1,781
North Carolina	218,008	213,139	60,268	74,273	15,987	15,308	2,858	3,310	813,808	189,175
South Carolina	76,251	78,609	61,307	69,136	8,457	8,203	2,782	2,819	330,674	109,958
Georgia	156,901	155,486	59,132	70,411	19,252	19,017	4,431	4,658	544,308	109,936
Florida	52,490	50,724	9,758	10,435	7,883	12,572	454	511	481,971	16,429
East South Central:										
Kentucky	247,347	232,542	5,547	5,959	20,053	19,499	241	226	1,002,248	13,548
Tennessee	219,642	206,902	27,975	27,529	17,423	16,668	1,070	1,121	818,695	52,253
Alabama	158,382	156,139	73,364	67,230	15,586	15,600	3,557	3,468	476,811	82,932
Mississippi	131,552	121,215	159,540	142,313	13,766	14,393	5,390	5,223	452,989	194,573
West South Central:										
Arkansas	159,649	147,494	57,025	51,275	16,174	15,728	1,871	1,728	577,892	84,878
Louisiana	90,423	80,164	59,584	49,131	8,068	8,335	1,928	1,705	396,439	75,889
Oklahoma	166,115	153,586	13,572	11,204	33,573	35,040	1,230	1,121	1,080,343	25,811
Texas	365,249	339,027	52,753	45,950	134,652	138,628	3,031	2,710	3,488,188	86,810
Mountain:										
Montana	40,747	36,508	1,076	1,239	46,015	57,820	436	967	510,995	6,895
Idaho	43,097	40,961	566	537	10,251	12,451	47	53	488,936	4,396
Wyoming	14,715	12,751	303	325	27,905	32,814	31	302	230,229	1,814
Colorado	51,034	47,008	402	610	31,477	35,531	50	687	557,944	6,560
New Mexico	28,541	27,895	5,564	1,800	35,344	46,451	3,516	3,157	312,810	13,940
Arizona	10,239	12,136	8,229	1,006	17,338	35,960	8,313	1,896	277,449	10,427
Utah	24,734	25,893	677	429	6,894	10,277	408	32	257,917	3,901
Nevada	3,147	2,987	426	442	3,765	5,838	20	340	70,371	1,585
Pacific:										
Washington	80,179	79,078	1,507	809	15,060	16,616	122	103	894,998	5,186
Oregon	61,206	62,687	623	438	17,919	19,666	69	88	694,213	3,562
California	125,928	136,279	6,730	2,638	30,169	34,738	356	317	3,447,568	36,980

[1] 500 acres or less.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 685.—Farm Real Estate—Land Transfers and Values: 1927 to 1949

[See also *Historical Statistics*, series E 5-11]

Year	Estimated number of farms changing ownership per 1,000 farms [1]				Index of estimated value per acre [3] (1912-14=100)
	Total	Voluntary sales and trades	Forced sales and related defaults	Others [2]	
1927	68.5	28.3	23.3	16.9	119
1928	66.0	26.3	22.8	16.9	117
1929	58.0	23.5	19.5	15.0	116
1930	61.5	23.7	20.8	17.0	115
1931	61.9	19.0	26.1	16.8	106
1932	76.6	16.2	41.7	18.7	89
1933	93.6	16.8	54.1	22.7	73
1934	78.6	17.8	39.1	21.7	76
1935	69.1	19.4	28.3	21.4	79
1936	72.9	24.8	26.2	21.9	82
1937	74.0	31.5	22.4	20.1	85
1938	65.4	30.5	17.4	17.5	85
1939	63.8	29.7	17.0	17.1	84
1940	63.0	30.2	15.9	16.9	84
1941	63.7	34.1	13.9	15.7	85
1942	66.1	41.7	9.3	15.1	91
1943	67.0	45.8	6.6	14.6	99
1944	76.1	55.9	4.9	15.3	114
1945	69.7	51.5	3.0	15.2	126
1946	75.0	57.4	2.3	15.3	142
1947	75.8	57.7	1.8	16.3	159
1948	65.9	49.0	1.5	15.4	170
1949	56.9	40.8	1.6	14.5	175

[1] Year ending Mar. 15.
[2] Largely inheritance, gift, and sales in settlement of estates; also includes a small number of miscellaneous and unclassified transfers. [3] As of Mar. 1.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, The Farm Real Estate Situation.

No. 686.—Farms Operated by Full Owners, 1930 and 1940, and by Part Owners, 1940, by Color and Age of Operator, by Mortgage Status

Age group	Farms operated by full owners						Farms operated by part owners, 1940		
	Total		White		Nonwhite		Total	White	Nonwhite
	1930	1940	1930	1940	1930	1940			
Total	2,911,644	3,084,138	2,752,787	2,916,562	158,857	167,576	615,039	581,517	33,522
Reporting age	2,808,122	2,957,775	2,654,676	2,796,788	153,446	160,987	594,334	562,227	32,107
Under 25	37,395	39,870	34,233	35,918	3,162	3,952	7,648	7,110	538
25 to 34	250,764	267,708	237,485	251,517	13,279	16,191	65,098	62,136	2,962
35 to 44	576,845	526,140	549,577	498,853	27,268	27,287	141,980	135,324	6,656
45 to 54	747,751	759,354	704,982	720,688	42,769	38,666	191,512	181,697	9,815
55 to 64	678,233	728,164	640,653	691,845	37,580	36,319	131,569	123,924	7,645
65 years and over	517,134	636,539	487,746	597,967	29,388	38,572	56,527	52,036	4,491
Not reporting age	103,522	126,363	98,111	119,774	5,411	6,589	20,705	19,290	1,415
Free from mortgage, total	1,569,178	1,685,707	1,474,715	1,575,723	94,463	109,984	262,783	242,169	20,614
Reporting age	1,519,225	1,623,517	1,427,012	1,517,423	92,213	106,094	253,889	234,093	19,796
Under 25	18,671	20,898	16,748	18,108	1,923	2,790	3,670	3,326	344
25 to 34	106,799	126,848	99,002	115,992	7,797	10,856	27,042	25,187	1,855
35 to 44	251,900	251,050	236,110	233,063	15,790	17,987	56,917	52,799	4,118
45 to 54	380,235	383,362	355,597	358,865	24,638	24,497	77,830	71,984	5,846
55 to 64	401,692	412,787	379,071	389,407	22,621	23,380	58,611	53,914	4,697
65 years and over	359,928	428,572	340,484	401,988	19,444	26,584	29,819	26,883	2,936
Not reporting age	49,953	62,190	47,703	58,300	2,250	3,890	8,894	8,076	818
Mortgaged, total	1,157,848	1,198,276	1,113,311	1,158,070	44,537	40,206	320,185	311,000	9,185
Reporting age	1,125,163	1,162,186	1,081,602	1,123,396	43,561	38,790	310,204	301,401	8,803
Under 25	14,625	13,844	13,942	13,278	683	566	3,167	3,049	118
25 to 34	127,117	118,681	123,647	115,413	3,470	3,268	33,310	32,602	708
35 to 44	293,871	243,310	285,738	236,958	8,133	6,352	77,405	75,653	1,752
45 to 54	327,538	336,639	313,997	326,136	13,541	10,503	105,114	102,194	2,920
55 to 64	238,524	278,503	227,431	268,822	11,093	9,681	67,202	65,014	2,188
65 years and over	123,488	171,209	116,847	162,789	6,641	8,420	24,006	22,889	1,117
Not reporting age	32,685	36,090	31,709	34,674	976	1,416	9,981	9,599	382

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Vol. III.

No. 687.—Mortgaged Farms—Number, Acreage, Value, and Amount of Indebtedness in Comparison with all Farms, by Tenure and Region: 1930 to 1945

Region and tenure		Farms			Land in farms			Value of farms (land and buildings)			Mortgage debt				Equity per mortgaged farm
			Mortgaged farms			Mortgaged farms			Mortgaged farms						
		Total number	Number	Percent of total	All farms, acres (1,000)	Acres (1,000)	Percent of total	All farms ($1,000)	Amount ($1,000)	Percent of total	Total ($1,000)	Ratio to value of mortgaged farms (percent)	Debt per acre	Debt per farm	
United States, all tenures	1930	6,288,648	2,523,223	40.1	986,771	(1)	(1)	47,879,838	(1)	(1)	9,630,768	(1)	(1)	$3,817	(1)
	1935	6,812,350	2,350,313	34.5	1,054,515	(1)	(1)	32,858,844	(1)	(1)	7,584,459	(1)	(1)	3,227	(1)
	1940	6,096,799	2,363,777	38.8	1,060,852	457,374	43.1	33,641,739	15,873,779	47.2	6,586,399	41.5	$14.40	2,786	$3,929
	1945	5,859,169	1,711,665	29.2	1,141,615	371,968	32.6	46,388,926	16,353,731	35.3	4,932,942	30.2	13.26	2,882	6,672
Full owners	1930	2,911,644	1,231,668	42.3	372,450	182,081	48.9	21,123,468	10,955,133	51.9	4,337,225	39.6	23.82	3,521	5,374
	1935	3,210,224	1,270,107	39.6	390,978	181,868	46.5	14,824,645	7,338,406	49.5	3,682,364	50.2	20.25	2,899	2,879
	1940	3,084,138	1,278,312	41.4	382,098	180,452	47.2	15,297,274	7,887,163	51.6	3,353,376	42.5	18.58	2,623	3,547
	1945	3,301,361	996,592	30.2	412,358	148,917	36.1	21,106,511	8,160,104	38.7	2,687,459	32.9	18.05	2,697	5,491
Part owners (owned portion only) [2]	1930	656,750	360,033	54.8	120,748	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1935	688,867	349,058	50.7	131,703	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1940	615,039	336,416	54.7	144,639	93,882	64.9	3,564,202	2,358,403	66.2	1,105,664	46.9	11.78	3,287	3,724
	1945	660,502	272,879	41.3	192,259	89,420	46.5	5,898,871	2,854,700	48.4	872,253	30.6	9.75	3,196	7,265
Tenants and managers (and rented portion of part-owner farms) [2]	1930	2,720,254	931,522	34.2	493,573	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1935	2,913,259	731,148	25.1	531,834	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	1940	2,397,622	749,049	31.2	534,115	183,040	34.3	14,780,262	5,628,213	38.1	2,127,359	37.8	11.62	(2)	(2)
	1945	1,897,306	442,194	23.3	536,998	133,631	24.9	19,383,544	5,338,927	27.5	1,373,230	25.7	10.28	(2)	(2)
The North, all tenures	1930	2,561,785	1,202,261	46.9	425,709	(1)	(1)	28,253,801	(1)	(1)	6,082,064	(1)	(1)	5,059	(1)
	1935	2,819,468	1,125,440	39.9	441,953	(1)	(1)	19,024,668	(1)	(1)	4,789,206	(1)	(1)	4,255	(1)
	1940	2,579,959	1,127,695	43.7	435,088	191,630	44.0	18,909,131	9,026,399	47.7	4,122,159	45.7	21.51	3,655	4,349
	1945	2,483,578	883,788	35.6	447,715	163,555	36.5	25,401,414	9,474,471	37.3	3,023,658	31.9	18.49	3,421	7,299
The South, all tenures	1930	3,223,816	1,067,662	33.1	343,086	(1)	(1)	12,343,593	(1)	(1)	2,061,408	(1)	(1)	1,931	(1)
	1935	3,421,923	988,780	28.8	376,206	(1)	(1)	8,736,858	(1)	(1)	1,657,153	(1)	(1)	1,676	(1)
	1940	3,007,170	1,003,319	33.4	370,168	163,471	44.2	9,716,128	4,220,891	43.4	1,502,187	35.6	9.19	1,497	2,710
	1945	2,881,135	660,309	22.9	377,795	115,409	30.5	13,148,834	4,073,520	31.0	1,184,935	29.1	10.27	1,795	4,375
The West, all tenures	1930	503,047	253,300	50.4	217,975	(1)	(1)	7,282,444	(1)	(1)	1,487,296	(1)	(1)	5,872	(1)
	1935	570,959	236,093	41.4	236,356	(1)	(1)	5,097,317	(1)	(1)	1,138,100	(1)	(1)	4,821	(1)
	1940	509,670	232,763	45.7	255,596	102,273	40.0	5,016,480	2,626,489	52.4	962,053	36.6	9.41	4,133	7,151
	1945	494,456	167,568	33.9	316,105	93,004	29.4	7,838,677	2,805,740	35.8	724,349	25.8	7.79	4,323	12,421

[1] Not available.

[2] Acres, value, and debt for part owners represent owned portion only; similar data for rented portion included with data for tenants and managers. Therefore, average debt and equity per farm are not shown for "tenants and managers" group. Cropper operations are included in the "tenants and managers" group.

Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Bureau of Agricultural Economics; cooperative report, Farm-Mortgage Debt in the United States.

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No. 688.—Mortgaged Farms—Number, Amount of Indebtedness, Acreage, and Value, by States: 1940 and 1945

Division and State	Total number of mortgaged farms		Percent of all farms		Total amount of farm-mortgage debt ($1,000)		All mortgaged farms: Acreage (1,000)		All mortgaged farms: Value of land and buildings ($1,000)		All mortgaged farms: Ratio of debt to value (percent)	
	1940	1945	1940	1945	1940	1945	1940	1945	1940	1945	1940	1945
U. S.	**2,363,777**	**1,711,665**	**38.8**	**29.2**	**6,586,399**	**4,932,942**	**457,374**	**371,968**	**15,873,779**	**16,353,731**	**41.5**	**30.2**
New England	**62,918**	**53,274**	**46.5**	**35.4**	**150,499**	**114,860**	**6,380**	**5,208**	**390,499**	**358,160**	**38.5**	**32.1**
Maine	13,862	10,670	35 6	25.3	24,757	16,713	1,659	1,322	57,622	50,895	43.0	32 8
N H	7,048	6,058	42 6	32 2	11,220	9,706	794	650	30,254	27,649	37.1	35.1
Vt	12,587	9,597	53.4	36 2	27,814	21,975	2,099	1,643	65,070	54,385	42.7	40.4
Mass	17,152	17,128	53 8	46 3	45,845	36,778	1,007	934	112,982	117,631	40 6	31 3
R. I	1,237	1,300	41 0	36.1	4,121	3,583	77	77	10,745	12,143	38 4	29.5
Conn	11,032	8,521	52.1	38.3	36,712	26,105	744	583	113,827	95,457	32.3	27.3
Middle Atlantic	**139,627**	**112,727**	**40.1**	**32.4**	**372,155**	**293,793**	**14,360**	**11,801**	**918,578**	**831,371**	**40.5**	**35.3**
N. Y	70,580	55,828	46.1	37.3	191,786	147,200	8,245	6,765	460,258	418,734	41.7	35.2
N. J	12,834	10,785	49 7	41 1	48,791	39,235	935	744	118,812	123,378	41 1	31 8
Pa	56,213	46,114	33.3	26.8	131,578	107,358	5,180	4,292	339,508	289,259	38.8	37.1
E. N. Central	**430,732**	**323,707**	**42.8**	**33.9**	**1,425,539**	**1,020,938**	**50,268**	**40,246**	**3,349,253**	**3,472,210**	**42.6**	**29.4**
Ohio	86,586	60,941	37.0	27 6	239,059	167,463	8,211	5,992	590,214	528,859	40.5	31 7
Ind	86,600	65,790	46.9	37.4	236,266	176,468	9,797	7,785	628,671	694,248	37.6	25.4
Ill	74,390	50,458	34 9	24 7	418,970	269,947	11,628	8,801	1,035,561	1,136,846	40 5	23.7
Mich	85,321	65,391	45.5	37 3	174,308	144,988	8,177	6,983	425,521	446,994	41.0	32.4
Wis	97,835	81,127	52.4	45.6	356,936	262,072	12,455	10,684	669,286	665,263	53.3	39.4
W. N. Central	**494,418**	**394,080**	**45.3**	**38.2**	**2,173,966**	**1,594,067**	**120,622**	**106,300**	**4,368,069**	**4,812,730**	**49.8**	**33.1**
Minn	95,594	83,255	48.4	44.1	375,990	304,641	16,463	15,127	764,507	864,356	49 2	35.2
Iowa	102,793	86,867	48.2	41 6	705,589	525,939	17,220	15,154	1,399,408	1,584,858	50.4	33.2
Mo	108,703	81,466	42 4	33 5	229,377	197,529	14,995	12,434	506,368	562,861	45 3	35.1
N. Dak	33,635	27,648	45.5	39 8	141,230	91,461	15,528	14,048	246,170	260,868	57 4	35.1
S Dak	29,700	27,129	41.0	39.5	127,706	98,788	12,871	14,303	225,875	275,337	56 5	35.9
Nebr	54,246	41,113	44.8	36.8	309,826	201,174	22,623	19,019	566,418	649,611	54 7	31.4
Kans	69,747	46,602	44.6	33.0	284,248	171,535	20,923	16,216	659,323	614,839	43.1	27.9
S. Atlantic	**297,795**	**209,537**	**29.2**	**20.1**	**405,057**	**335,712**	**32,397**	**24,238**	**1,161,007**	**1,088,358**	**34.9**	**30.8**
Del	3,272	2,706	36 4	29 1	7,957	6,498	313	282	20,628	23,281	38.6	32.0
Md.[1]	15,781	13,884	37.4	33.6	46,675	40,627	1,810	1,564	118,939	128,688	39.2	31.6
Va	43,415	30,072	24 8	17.4	72,299	61,765	4,655	3,602	209,374	220,114	34.5	28.1
W. Va	19,192	12,411	19 3	12.7	21,969	18,658	1,989	1,456	67,911	59,724	32.3	31.2
N. C	80,910	48,341	29.1	16 8	90,071	73,917	5,890	3,955	255,162	223,242	35.3	33.1
S. C	40,792	32,892	29 7	22.3	45,948	37,590	4,160	3,048	136,091	118,759	33.8	31.7
Ga	74,033	57,361	34 3	25.4	82,037	66,344	9,895	7,535	216,320	203,727	37.9	32.6
Fla	20,400	11,870	32.8	19.4	38,101	30,313	3,686	2,796	136,578	113,823	27.9	26.6
E. S. Central	**374,352**	**222,558**	**36.6**	**23.2**	**384,094**	**297,320**	**31,710**	**20,606**	**1,021,144**	**925,198**	**37.6**	**32.1**
Ky	67,387	44,713	26 6	18.7	109,253	81,579	6,674	4,486	300,457	276,311	36.4	29 5
Tenn	74,618	42,942	30.1	18.3	92,614	65,433	6,631	4,033	260,660	210,227	35.5	31.1
Ala	97,204	60,419	41.9	27.0	81,859	66,564	9,320	6,120	207,026	188,291	39 5	35.4
Miss	135,143	74,484	46.4	28.3	100,368	83,744	9,085	5,967	253,001	250,369	39.7	33.4
W. S. Central	**331,172**	**228,214**	**34.3**	**26.0**	**713,036**	**551,903**	**99,363**	**70,566**	**2,038,740**	**2,059,964**	**35.0**	**26.8**
Ark	72,916	47,509	33.7	23.9	72,513	63,695	6,733	5,036	207,972	224,206	34.9	28.4
La	51,843	28,872	34 6	22.3	55,098	48,070	3,813	3,043	148,429	153,409	37.1	31.3
Okla	69,523	50,387	38.7	30.6	153,679	116,780	15,917	12,887	403,248	383,736	38.1	30.4
Tex	136,890	101,446	32.7	26.4	431,746	323,358	72,901	49,600	1,279,090	1,298,613	33.8	24.9
Mountain	**100,091**	**68,460**	**42.9**	**32.2**	**357,190**	**262,291**	**70,969**	**66,387**	**943,434**	**959,294**	**37.9**	**27.3**
Mont	18,143	10,544	43.4	27.9	66,118	41,684	18,402	15,777	170,412	152,659	38.8	27.3
Idaho	23,647	17,124	54.2	41.3	78,763	58,494	5,737	5,144	207,539	216,590	38.0	27.0
Wyo	7,973	5,845	53.1	44 7	34,009	24,951	13,881	12,555	92,815	97,749	36.6	25.5
Colo	22,818	16,357	44.4	34.4	75,005	58,064	13,187	12,483	188,098	197,413	39.9	29.4
N. Mex	8,934	5,291	26.2	17.8	27,499	24,924	11,478	12,754	90,178	102,676	30.5	24.3
Ariz	4,551	3,731	24.6	28.4	28,933	22,334	2,644	3,096	77,484	78,724	37.3	28.4
Utah	12,675	8,634	49.9	32.8	36,650	25,720	3,745	3,237	91,252	92,875	40.2	27.7
Nev	1,350	934	37.8	27.2	10,213	6,120	1,895	1,340	25,655	20,608	39.8	29.7
Pacific	**132,672**	**99,108**	**48.0**	**35.2**	**604,863**	**462,058**	**31,303**	**26,617**	**1,683,055**	**1,846,446**	**35.9**	**25.0**
Wash	37,650	22,934	46.1	28.7	106,857	73,995	6,791	4,609	294,278	261,355	36.3	28.3
Oreg	29,716	20,809	48.1	33.0	90,421	69,218	9,963	8,418	249,403	253,914	36.3	27.3
Calif	65,306	55,365	49.2	39.9	407,585	318,845	14,549	13,590	1,139,374	1,331,177	35.8	24.0

[1] Includes data for District of Columbia.

Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Bureau of Agricultural Economics; cooperative report, Farm-Mortgage Debt in the United States.

No. 689.—Mortgaged Farms—Number by Tenure of Operator, by States: 1940 and 1945

Division and State	Number operated by full owners		Percent of all full-owner farms		Number operated by part owners		Percent of all part-owner farms		Number operated by tenants and managers	
	1940	1945	1940	1945	1940	1945	1940	1945	1940	1945
United States	**1,278,312**	**996,592**	**41.4**	**30.2**	**336,416**	**272,879**	**54.7**	**41.3**	**749,049**	**442,194**
New England	**54,530**	**46,741**	**46.8**	**35.2**	**4,092**	**4,604**	**58.0**	**49.1**	**4,296**	**1,929**
Maine	12,529	9,710	35.9	25.1	675	695	49.5	36.6	658	265
New Hampshire	6,196	5,258	42.3	31.7	326	551	47.0	43.2	526	249
Vermont	10,621	8,495	54.9	36.5	975	764	60.6	48.8	991	338
Massachusetts	14,876	15,381	54.2	46.2	1,046	1,192	64.3	62.6	1,230	555
Rhode Island	993	977	42.1	35.6	144	218	52.2	50.3	100	105
Connecticut	9,315	6,920	52.4	37.8	926	1,184	62.1	51.6	791	417
Middle Atlantic	**112,765**	**90,340**	**41.9**	**33.5**	**12,661**	**14,286**	**51.8**	**39.9**	**14,201**	**8,101**
New York	56,166	44,216	47.6	38.1	7,855	8,122	55.6	42.6	6,559	3,490
New Jersey	10,214	8,455	52.5	42.8	1,161	1,547	60.4	48.0	1,459	783
Pennsylvania	46,385	37,669	35.2	28.1	3,645	4,617	43.4	34.1	6,183	3,828
East North Central	**287,130**	**212,916**	**47.5**	**36.2**	**64,447**	**57,451**	**56.1**	**42.7**	**79,155**	**53,340**
Ohio	60,373	41,812	40.2	28.6	10,761	9,005	51.2	36.3	15,452	10,124
Indiana	52,691	40,403	48.9	37.3	14,520	14,070	61.9	52.3	19,389	11,317
Illinois	35,679	23,387	41.0	26.7	16,219	11,238	49.4	31.9	22,492	15,833
Michigan	62,873	47,103	47.1	37.2	12,355	11,895	57.8	43.9	10,093	6,393
Wisconsin	75,514	60,211	59.6	50.3	10,592	11,243	65.7	55.2	11,729	9,673
West North Central	**240,587**	**200,545**	**53.8**	**42.8**	**118,207**	**103,615**	**67.0**	**50.6**	**135,624**	**89,920**
Minnesota	56,691	48,743	54.6	47.2	19,208	19,162	66.2	55.8	19,695	15,350
Iowa	54,191	48,981	61.4	51.8	15,118	14,142	67.5	56.1	33,484	23,744
Missouri	63,182	53,171	47.2	36.6	17,935	13,835	60.1	43.8	27,586	14,460
North Dakota	11,595	9,873	62.2	44.6	15,852	13,747	72.9	49.5	6,188	4,028
South Dakota	8,139	7,593	54.1	43.8	12,772	13,005	68.1	52.2	8,789	6,531
Nebraska	20,182	14,427	57.6	42.9	15,085	12,225	70.2	49.7	18,979	14,461
Kansas	26,607	17,757	50.7	33.8	22,237	17,499	67.3	47.9	20,903	11,346
South Atlantic	**155,221**	**119,371**	**29.9**	**20.5**	**22,686**	**13,802**	**35.1**	**23.8**	**119,888**	**76,364**
Delaware	2,338	2,102	43.3	32.2	259	239	46.7	38.0	675	365
Maryland [1]	11,690	10,160	40.6	35.8	888	1,091	51.6	42.5	3,197	2,633
Virginia	28,369	21,508	25.0	17.3	4,043	2,772	30.7	22.7	11,003	5,792
West Virginia	13,840	9,930	19.3	12.7	1,067	760	22.3	17.3	4,285	1,721
North Carolina	38,975	24,821	29.4	17.2	7,648	4,084	35.1	20.6	34,287	19,436
South Carolina	17,863	15,016	35.3	25.1	3,333	1,920	36.1	25.6	19,596	15,956
Georgia	29,845	27,520	39.2	28.6	3,843	2,131	42.3	29.5	40,345	27,710
Florida	12,295	8,314	30.2	18.3	1,605	805	37.8	22.6	6,500	2,751
East South Central	**150,523**	**100,918**	**33.7**	**20.2**	**24,081**	**15,238**	**39.4**	**29.3**	**199,748**	**106,402**
Kentucky	39,992	28,926	26.7	18.1	6,112	3,843	32.3	26.8	21,283	11,944
Tennessee	35,969	23,369	28.0	16.8	6,952	4,572	36.9	26.0	31,697	15,001
Alabama	35,285	24,552	43.9	24.5	6,982	4,495	46.8	34.0	54,987	31,372
Mississippi	39,277	24,071	44.3	24.2	4,085	2,328	47.7	33.6	91,781	48,085
West South Central	**128,333**	**110,954**	**35.5**	**26.0**	**44,170**	**29,477**	**48.6**	**35.3**	**158,669**	**87,783**
Arkansas	27,676	20,777	32.2	20.8	5,716	2,930	38.6	29.6	39,524	23,802
Louisiana	18,229	11,333	34.4	19.3	2,908	1,758	39.4	27.3	30,706	15,781
Oklahoma	24,872	23,263	44.5	32.9	14,997	12,537	59.4	45.3	29,654	14,587
Texas	57,556	55,581	34.5	28.1	20,549	12,252	47.2	30.9	58,785	33,613
Mountain	**54,731**	**38,327**	**42.7**	**32.0**	**27,328**	**20,998**	**60.1**	**41.0**	**18,032**	**9,135**
Montana	7,974	4,677	46.8	28.1	7,476	4,820	58.2	33.2	2,693	1,047
Idaho	14,856	11,270	57.0	43.2	4,189	3,439	67.8	50.7	4,602	2,415
Wyoming	3,724	2,535	54.7	43.9	2,976	2,555	69.0	58.0	1,273	755
Colorado	11,439	8,305	51.1	36.1	6,159	5,051	65.2	46.7	5,220	3,001
New Mexico	4,053	2,329	18.3	12.8	2,614	2,051	44.6	28.9	2,267	911
Arizona	2,823	2,515	20.3	27.7	1,003	735	51.5	59.4	725	481
Utah	8,891	5,944	51.4	32.2	2,765	2,239	60.2	41.2	1,019	451
Nevada	971	752	36.9	28.5	146	108	46.8	32.0	233	74
Pacific	**94,492**	**76,480**	**49.7**	**36.1**	**18,744**	**13,408**	**61.8**	**43.1**	**19,436**	**9,220**
Washington	27,528	18,035	47.4	29.4	5,130	3,084	60.5	34.1	4,992	1,815
Oregon	20,796	15,985	49.2	33.4	4,920	3,235	62.7	40.8	4,000	1,589
California	46,168	42,460	51.4	41.2	8,694	7,089	62.1	50.3	10,444	5,816

[1] Includes data for District of Columbia.

Source: Department of Commerce, Bureau of the Census and Department of Agriculture, Bureau of Agricultural Economics; cooperative report, Farm-Mortgage Debt in the United States.

No. 690.—Farm-Mortgage Debt—Total Amount Outstanding, by States, as of January 1: 1942 to 1949

[Thousands of dollars]

DIVISION AND STATE	1942	1943	1944	1945	1946	1947	1948	1949
United States	6,372,277	5,950,975	5,389,080	4,932,942	4,681,720	4,777,355	4,881,744	5,108,183
New England	141,102	131,847	121,934	114,860	109,247	110,082	113,526	117,405
Maine	22,566	20,507	17,972	16,713	16,431	17,681	18,732	19,364
New Hampshire	11,117	10,501	9,932	9,706	9,584	9,822	10,586	11,409
Vermont	25,412	23,813	22,327	21,975	22,814	25,768	27,006	28,088
Massachusetts	44,513	42,329	39,524	36,778	32,950	30,361	31,277	32,086
Rhode Island	3,918	3,749	3,529	3,583	3,569	3,544	3,567	3,759
Connecticut	33,576	30,948	28,650	26,105	23,899	22,906	22,358	22,699
Middle Atlantic	354,931	339,353	314,454	293,793	284,801	307,975	323,505	338,401
New York	179,855	172,520	158,584	147,200	144,002	151,922	155,466	160,368
New Jersey	48,475	46,215	41,632	39,235	37,955	40,619	43,417	48,275
Pennsylvania	126,601	120,618	114,238	107,358	102,844	115,434	124,622	129,758
East North Central	1,370,561	1,265,046	1,123,408	1,020,938	966,659	961,627	976,092	1,011,676
Ohio	226,070	206,010	184,843	167,463	160,916	162,263	166,985	175,333
Indiana	233,335	214,775	191,603	176,468	168,391	169,400	173,598	183,439
Illinois	399,503	361,585	309,466	269,947	248,260	230,713	217,608	217,159
Michigan	175,437	166,059	152,552	144,988	144,940	155,705	163,424	175,418
Wisconsin	336,216	316,617	284,944	262,072	244,152	243,546	254,477	260,327
West North Central	2,090,516	1,968,423	1,776,947	1,594,067	1,427,603	1,346,752	1,251,197	1,248,475
Minnesota	374,627	351,929	324,655	304,641	273,364	257,698	244,465	237,572
Iowa	686,500	657,128	593,153	525,939	465,567	424,761	381,863	383,949
Missouri	234,767	219,933	209,281	197,529	193,533	198,389	198,921	204,877
North Dakota	131,433	127,484	110,390	91,461	80,778	76,146	70,261	67,367
South Dakota	119,459	115,309	107,451	98,788	87,222	80,625	70,632	67,847
Nebraska	280,965	262,329	231,652	204,174	175,923	160,983	141,935	139,870
Kansas	262,765	234,311	200,365	171,535	151,216	148,150	143,120	146,993
South Atlantic	412,401	387,828	362,445	335,712	344,283	391,567	433,481	471,934
Delaware	7,882	7,211	6,436	6,498	6,174	7,287	8,898	10,351
Maryland [1]	45,253	43,655	41,819	40,627	39,975	43,883	48,781	50,449
Virginia	71,364	67,142	64,743	61,765	64,685	72,256	78,123	87,265
West Virginia	21,843	20,870	19,270	18,658	17,870	20,229	21,601	22,585
North Carolina	96,314	88,394	80,192	73,917	76,810	87,836	95,041	96,252
South Carolina	47,671	42,611	39,843	37,590	37,868	40,542	45,112	49,029
Georgia	85,736	81,264	74,249	66,344	69,538	78,919	87,569	98,078
Florida	36,338	36,681	35,893	30,313	31,363	40,615	48,356	57,925
East South Central	383,431	355,477	323,602	297,320	299,977	322,368	342,155	366,546
Kentucky	107,768	98,970	89,016	81,579	79,125	82,650	86,569	91,923
Tennessee	87,888	79,381	71,818	65,433	65,830	70,121	76,965	82,576
Alabama	86,150	81,838	74,460	66,564	66,306	70,255	74,634	79,651
Mississippi	101,625	95,288	88,308	83,744	88,716	99,342	103,987	112,396
West South Central	707,300	661,398	603,331	551,903	529,092	556,891	586,535	617,473
Arkansas	74,655	71,707	67,654	63,695	66,536	72,477	78,897	86,102
Louisiana	56,670	53,583	50,356	48,070	51,693	55,826	59,796	64,282
Oklahoma	152,230	141,875	129,839	116,780	107,829	111,400	112,963	117,806
Texas	423,745	394,233	355,482	323,358	303,034	317,188	334,879	349,283
Mountain	343,773	313,430	279,014	262,291	259,790	284,530	322,004	361,225
Montana	61,068	53,233	46,187	41,684	39,904	40,912	42,143	45,676
Idaho	79,377	73,767	65,521	58,494	54,768	56,522	61,914	68,074
Wyoming	32,519	29,416	26,223	24,951	24,025	25,414	28,463	32,391
Colorado	73,303	66,680	60,136	58,064	59,444	66,738	75,187	86,775
New Mexico	24,828	23,872	23,727	24,924	27,039	32,499	41,863	49,018
Arizona	27,371	25,424	23,005	22,334	22,541	27,117	30,699	33,128
Utah	35,769	33,011	27,570	25,720	25,592	27,805	32,130	34,593
Nevada	9,538	8,027	6,645	6,120	6,477	7,523	9,605	11,570
Pacific	568,262	528,173	483,945	462,058	460,268	495,563	533,249	575,048
Washington	100,114	91,411	81,339	73,995	73,527	74,093	79,222	86,201
Oregon	86,732	81,115	74,148	69,218	68,779	78,862	85,574	92,497
California	381,416	355,647	328,158	318,845	317,962	342,608	368,453	396,350

[1] Includes District of Columbia.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Finance Review.

No. 691.—Part-Time Work Off Farms—Operators Reporting, by Number of Days Worked, by States: 1939 and 1944

Division and State	All farm operators		Number reporting days worked off farm for pay or income							
			Total		Under 50 days		50 to 99 days		100 days and over	
	1940 (Apr. 1)	1945 (Jan. 1)	1939	1944	1939	1944	1939	1944	1939	1944
United States	6,096,799	5,859,169	1,747,193	1,570,357	543,714	312,832	259,898	178,471	943,581	1,079,054
New England	135,190	150,311	56,865	62,908	9,690	3,966	6,488	3,184	40,687	55,758
Maine	38,980	42,184	18,038	18,746	3,988	1,714	2,469	1,374	11,581	15,658
New Hampshire	16,554	18,786	7,756	8,794	1,267	795	905	542	5,584	7,457
Vermont	23,582	26,490	9,505	8,034	2,449	905	1,276	523	5,780	6,606
Massachusetts	31,897	37,007	12,778	16,815	1,098	314	1,071	456	10,609	16,045
Rhode Island	3,014	3,603	1,004	1,421	89	35	109	45	806	1,341
Connecticut	21,163	22,241	7,784	9,098	799	203	658	244	6,327	8,651
Middle Atlantic	348,100	347,477	117,224	123,919	26,425	11,649	14,226	8,178	76,573	104,092
New York	153,238	149,490	46,934	46,817	11,502	4,540	5,663	3,280	29,769	38,997
New Jersey	25,835	26,226	6,422	7,265	992	478	677	408	4,753	6,379
Pennsylvania	169,027	171,761	63,868	69,837	13,931	6,631	7,886	4,490	42,051	58,716
East North Central	1,006,095	953,797	293,507	278,597	84,733	58,478	36,440	27,114	172,334	193,005
Ohio	233,783	220,575	75,106	74,659	17,009	10,684	8,193	5,483	49,904	58,492
Indiana	184,549	175,970	57,524	56,644	14,185	10,042	7,114	4,919	36,225	41,683
Illinois	213,439	204,239	55,181	48,740	20,829	15,958	7,238	5,182	27,114	27,600
Michigan	187,589	175,268	60,468	60,133	12,815	8,087	7,861	6,105	39,792	45,941
Wisconsin	186,735	177,745	45,228	38,421	19,895	13,707	6,034	5,425	19,299	19,289
West North Central	1,090,574	1,031,993	268,455	185,588	130,585	73,971	36,106	21,407	101,764	90,210
Minnesota	197,351	188,952	47,459	37,500	21,820	15,164	6,070	4,369	19,569	17,967
Iowa	213,318	208,934	38,118	29,039	19,668	14,164	4,930	3,011	13,520	11,864
Missouri	256,100	242,934	71,274	55,009	23,094	13,043	10,592	6,694	37,588	35,272
North Dakota	73,962	69,520	16,142	8,890	10,286	5,667	2,016	1,041	3,840	2,182
South Dakota	72,454	68,705	15,401	7,823	9,464	4,271	1,914	1,014	4,023	2,538
Nebraska	121,062	111,756	31,888	18,201	20,445	10,568	4,084	2,133	7,359	5,500
Kansas	156,327	141,192	48,173	29,126	25,808	11,094	6,500	3,145	15,865	14,887
South Atlantic	1,019,451	1,043,475	291,572	268,224	65,751	39,690	44,319	29,152	181,502	199,382
Delaware	8,994	9,296	1,940	1,748	456	195	275	130	1,209	1,423
Maryland	42,110	41,275	12,291	12,307	2,132	1,401	1,486	990	8,673	9,916
District of Columbia	65	40	8	4	1	------	1	------	6	4
Virginia	174,885	173,051	61,955	59,719	10,878	6,691	7,726	4,609	43,351	48,419
West Virginia	99,282	97,600	45,686	45,337	6,087	3,562	6,247	2,916	33,352	38,859
North Carolina	278,276	287,412	69,068	55,212	17,251	9,928	11,401	7,184	40,416	38,100
South Carolina	137,558	147,745	32,065	32,527	8,077	5,884	5,821	5,511	18,167	21,132
Georgia	216,033	225,897	48,040	43,957	17,414	10,323	8,532	6,343	22,094	27,291
Florida	62,248	61,159	20,519	17,413	3,455	1,706	2,830	1,469	14,234	14,238
East South Central	1,023,349	959,829	276,283	232,417	92,335	50,663	48,991	36,331	134,957	145,423
Kentucky	252,894	238,501	79,405	59,974	19,650	8,692	13,965	6,956	45,790	44,326
Tennessee	247,617	234,431	76,932	60,319	21,436	11,057	12,439	7,262	43,057	42,000
Alabama	231,746	223,369	56,388	62,944	23,318	13,342	9,531	10,560	23,539	39,042
Mississippi	291,092	263,528	63,558	49,180	27,931	17,572	13,056	11,553	22,571	20,055
West South Central	964,370	877,831	257,742	244,080	90,331	50,881	46,048	36,001	121,363	157,198
Arkansas	216,674	198,769	60,941	57,510	22,320	14,876	11,622	11,146	26,999	31,488
Louisiana	150,007	129,205	34,890	31,727	13,710	7,499	6,893	6,886	14,287	17,342
Oklahoma	179,687	164,790	52,940	49,607	20,546	11,543	9,718	5,847	22,676	32,217
Texas	418,002	384,977	108,971	105,236	33,755	16,963	17,815	12,122	57,401	76,151
Mountain	233,497	212,527	77,533	64,057	23,362	13,225	13,857	9,085	40,314	41,747
Montana	41,823	37,747	13,042	8,148	4,359	2,104	2,447	1,284	6,236	4,760
Idaho	43,663	41,498	15,594	12,769	5,580	3,278	2,596	1,961	7,418	7,530
Wyoming	15,018	13,076	4,586	3,237	1,627	926	808	534	2,151	1,777
Colorado	51,436	47,618	15,540	11,828	5,371	3,312	2,715	1,740	7,454	6,776
New Mexico	34,105	29,695	10,830	9,435	2,171	1,221	2,129	1,472	6,530	6,742
Arizona	18,468	13,142	5,647	5,050	902	270	978	341	3,767	4,439
Utah	25,411	26,322	11,157	12,524	3,089	1,905	1,966	1,607	6,102	9,012
Nevada	3,573	3,429	1,137	1,066	263	209	218	146	656	711
Pacific	276,173	281,929	108,012	110,567	20,502	10,309	13,423	8,019	74,087	92,239
Washington	81,686	79,887	37,259	39,308	6,825	4,021	4,334	2,605	26,100	32,682
Oregon	61,829	63,125	27,802	29,331	7,061	3,263	3,752	2,392	16,989	23,676
California	132,658	138,917	42,951	41,928	6,616	3,025	5,337	3,022	30,998	35,881

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 692.—Farm Income, Prices Received and Paid by Farmers: 1930 to 1949

[**Farm income in millions of dollars.** See also *Historical Statistics*, series E 88–104]

ITEM	1930	1935	1940	1945	1946	1947	1948 [1]	1949 [1]
FARM INCOME								
Gross income	11,388	9,595	11,009	25,419	29,255	34,643	35,299	31,832
Cash receipts, total	9,021	7,659	9,130	22,289	25,636	30,328	30,802	27,704
Crops	3,840	2,978	3,471	9,538	11,165	13,504	13,485	12,566
Livestock and livestock products	5,181	4,108	4,893	11,982	13,699	16,510	17,061	14,952
Government payments	----	573	766	769	772	314	257	186
Value of home consumption	1,537	1,320	1,254	2,256	2,624	3,095	3,155	2,760
Rental value of dwellings	830	616	625	874	995	1,220	1,342	1,368
Total expenses of agricultural production	7,059	5,111	6,484	12,629	14,238	16,849	18,556	18,020
Net income of farm operators from current operations	4,329	4,484	4,525	12,790	15,017	17,794	16,743	13,812
Adjustment for inventory changes	+11	+38	+96	−439	−126	−1,059	+639	+54
Farm wages to laborers living on farms	774	530	726	1,622	1,788	1,989	2,147	2,016
Net income to persons on farms from farming	5,114	5,052	5,347	13,973	16,679	18,724	19,529	15,882
INDEX NUMBERS OF PRICES RECEIVED AND PAID (1910–14=100)								
Prices received by farmers:								
All farm products	125	109	100	206	234	275	285	249
Crops	116	104	91	203	227	263	252	223
Livestock and products	134	114	108	210	241	287	314	272
Retail prices paid by farmers:								
Living and production	140	123	122	180	197	231	250	241
Living	144	124	121	182	202	237	251	243
Production	135	122	123	176	191	224	250	238
Payable per acre:								
Interest payable	206	135	98	69	68	70	72	76
Taxes payable	281	178	186	181	199	222	254	275
Prices paid, including interest, taxes, and wage rates	151	124	124	189	207	240	259	250
PARITY RATIO								
Ratio of prices received to prices paid, including interest, taxes, and wage rates	83	88	81	109	113	115	110	100

[1] Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics: farm income for 1930 and 1935, Net Farm Income and Parity Report, 1943, for 1940–49, the Farm Income Situation; indexes, annual report, Agricultural Statistics, and published currently in Agricultural Prices; also published in Crops and Markets.

No. 693.—Prices Received by Farmers—Indexes, by Major Groups of Products: 1910 to 1949

[**1910–14=100.** Indexes cover 45 major farm products. See also *Historical Statistics*, series E 95–97]

PERIOD	All groups	CROPS							LIVESTOCK AND PRODUCTS		
		Food grains	Feed grains and hay	Tobacco	Cotton	Fruits	Truck crops	Oil bearing crops	Meat animals	Dairy products	Poultry and eggs
1910–14	100	100	100	100	100	100	--------	100	100	100	100
1915–19	164	193	161	183	175	126	--------	201	162	147	153
1920–24	150	147	125	189	197	157	[1] 152	155	121	159	163
1925–29	148	141	118	169	150	146	145	135	145	161	155
1930–34	88	70	76	117	77	98	104	78	83	105	94
1935–39	107	94	95	172	87	95	95	113	117	119	108
1940–44	154	123	119	241	138	150	164	170	166	169	145
1945	206	172	161	360	178	244	207	228	207	230	194
1946	234	201	196	376	237	250	182	260	248	267	197
1947	275	270	249	374	272	212	226	363	329	272	219
1948	285	250	250	380	270	174	214	351	361	300	235
1949	249	219	170	398	245	199	201	242	311	251	219
March	258	226	176	403	242	207	235	261	327	254	215
June	249	213	168	404	253	235	155	232	323	233	212
September	247	211	166	393	250	160	188	227	319	251	236
December	233	219	168	394	223	174	196	225	280	261	194

[1] 1924 only.

Source Department of Agriculture, Bureau of Agricultural Economics; annual report, Crops and Markets. Also published currently in Agricultural Prices.

No. 694.—Farm Income—Estimated Cash Receipts From Crops, by Groups of Commodities: 1927 to 1948

[In millions of dollars]

YEAR	Total	Cotton and cotton-seed	To-bacco	Food grains [1]	Oil-bearing crops [2]	Feed grains and hay	Vege-tables	Fruits and tree nuts	Sugar crops	Other crops [3]
1927	5,157	1,500	246	974	87	660	664	590	84	352
1928	5,044	1,453	247	838	84	748	629	621	78	346
1929	5,125	1,512	279	790	85	706	710	620	81	342
1930	3,840	824	244	499	72	553	685	561	90	312
1931	2,536	497	157	298	39	298	488	457	72	230
1932	1,997	461	115	220	31	235	358	327	68	182
1933	2,473	577	157	337	32	302	446	346	80	196
1934	3,004	863	236	350	51	332	498	394	62	218
1935	2,978	712	242	417	66	286	502	443	73	237
1936	3,651	905	243	499	73	451	656	462	89	273
1937	3,948	883	321	659	82	435	648	546	83	291
1938	3,190	647	294	445	92	418	533	405	87	269
1939	3,366	627	271	475	112	477	589	443	80	292
1940	3,471	647	242	479	127	572	591	442	79	292
1941	4,716	1,046	321	756	232	594	730	613	92	332
1942	6,331	1,237	476	942	433	799	1,087	826	128	403
1943	7,980	1,314	539	961	654	1,122	1,579	1,222	108	481
1944	9,038	1,497	688	1,328	591	1,194	1,567	1,501	133	539
1945	9,538	1,199	898	1,525	610	1,431	1,668	1,497	156	554
1946	11,165	1,462	955	1,826	711	1,629	1,883	1,796	193	710
1947	13,504	2,242	1,029	2,768	908	2,328	1,903	1,250	223	853
1948 (preliminary)	13,485	2,492	975	2,586	1,070	2,126	1,976	1,174	153	933

[1] Wheat, rye, rice, buckwheat. [2] Flaxseed, soybeans, peanuts.
[3] Greenhouse and nursery products, legume and grass seeds, hemp, hops, peppermint, spearmint, broomcorn, popcorn, and forest products.

Source: Department of Agriculture, Bureau of Agricultural Economics; data prior to 1940 published in Net Farm Income and Parity Report, 1943, thereafter, The Farm Income Situation.

No. 695.—Farm Income—Estimated Cash Receipts From Livestock and Products: 1927 to 1948

[In millions of dollars]

YEAR	Total	Hogs	Cattle and calves	Sheep and lambs	Wool	Dairy products	Poultry and eggs	Other [1]
1927	5,599	1,237	1,336	197	88	1,685	1,017	39
1928	6,028	1,218	1,556	221	114	1,756	1,121	47
1929	6,171	1,297	1,495	224	99	1,838	1,181	36
1930	5,181	1,136	1,184	161	69	1,607	998	22
1931	3,835	774	838	130	51	1,277	746	19
1932	2,746	445	621	93	30	986	558	13
1933	2,841	524	600	104	77	1,004	514	18
1934	3,330	521	815	131	81	1,146	614	22
1935	4,108	682	1,062	152	70	1,310	799	33
1936	4,716	991	1,114	165	95	1,478	828	45
1937	4,902	925	1,239	186	114	1,525	862	51
1938	4,496	870	1,162	157	69	1,388	803	47
1939	4,511	810	1,290	172	81	1,346	767	45
1940	4,893	836	1,376	180	106	1,520	828	47
1941	6,465	1,302	1,705	226	138	1,899	1,142	53
1942	9,041	2,198	2,263	306	156	2,336	1,726	57
1943	11,454	2,929	2,563	342	158	2,807	2,573	82
1944	11,322	2,801	2,605	300	144	2,938	2,458	76
1945	11,982	2,298	3,290	319	129	3,063	2,788	95
1946	13,699	2,961	3,722	362	119	3,736	2,693	106
1947	16,510	4,005	4,932	403	106	4,046	2,913	105
1948 (preliminary)	17,061	3,728	5,223	408	114	4,433	3,071	84

[1] Mohair, horses, mules, honey, and (for 1944–48) bees and beeswax.

Source: Department of Agriculture, Bureau of Agricultural Economics; prior to 1940, data published in Net Farm Income and Parity Report, 1943; thereafter, The Farm Income Situation.

No. 696.—Cash Receipts From Farm Marketings and Government Payments, by States: 1948

[In millions of dollars]

DIVISION AND STATE	Total	Crops	Livestock and products	Government payments
United States	**30,802.0**	**13,484.7**	**17,060.8**	**256.5**
New England	**829.8**	**350.0**	**475.0**	**4.8**
Maine	213.2	141.2	70.8	1.2
New Hampshire	69.7	16.2	53.0	.5
Vermont	130.9	25.0	104.3	1.5
Massachusetts	207.4	78.6	127.8	1.0
Rhode Island	21.5	7.0	17.4	.1
Connecticut	184.1	82.0	101.6	.5
Middle Atlantic	**2,118.8**	**649.2**	**1,458.1**	**11.5**
New York	971.6	312.4	654.0	5.2
New Jersey	317.8	132.5	184.4	1.0
Pennsylvania	829.3	204.3	619.7	5.3
East North Central	**5,894.3**	**1,768.6**	**4,084.4**	**41.3**
Ohio	1,057.5	309.1	740.4	8.1
Indiana	1,064.5	303.2	755.3	6.0
Illinois	1,887.5	740.0	1,137.1	10.4
Michigan	726.0	268.3	449.3	8.5
Wisconsin	1,158.8	148.1	1,002.5	8.3
West North Central	**8,089.4**	**2,746.4**	**5,288.7**	**54.3**
Minnesota	1,342.2	418.6	913.7	9.9
Iowa	2,147.4	376.0	1,760.7	10.7
Missouri	1,092.1	271.3	814.5	6.4
North Dakota	689.7	486.9	195.8	7.0
South Dakota	646.0	256.4	385.2	4.4
Nebraska	1,034.3	349.6	676.2	8.5
Kansas	1,137.7	587.7	542.6	7.4
South Atlantic	**2,950.7**	**1,833.1**	**1,088.5**	**29.2**
Delaware	99.2	17.9	80.7	.5
Maryland	250.9	80.6	168.6	1.7
S. Atlantic—Con.				
Virginia	451.9	216.1	231.8	4.0
West Virginia	131.5	27.6	102.0	1.9
North Carolina	799.9	638.4	153.5	7.9
South Carolina	352.7	272.2	77.2	3.3
Georgia	525.9	349.7	169.8	6.4
Florida	338.7	230.5	104.8	3.4
East South Central	**2,077.3**	**1,222.3**	**830.9**	**24.1**
Kentucky	600.2	266.6	324.9	8.6
Tennessee	508.5	260.0	242.8	5.6
Alabama	430.4	296.0	130.2	4.2
Mississippi	538.2	399.6	133.0	5.7
West South Central	**3,572.5**	**2,032.8**	**1,503.9**	**35.7**
Arkansas	562.4	389.4	168.0	5.0
Louisiana	359.9	243.8	107.6	8.6
Oklahoma	679.0	327.9	345.4	5.7
Texas	1,971.1	1,071.7	882.9	16.4
Mountain	**2,130.6**	**969.7**	**1,127.0**	**33.9**
Montana	399.5	212.7	180.3	6.5
Idaho	378.9	209.9	162.0	6.9
Wyoming	166.4	36.5	126.8	3.1
Colorado	558.1	247.6	301.0	9.5
New Mexico	191.3	69.5	119.3	2.6
Arizona	222.5	140.2	80.4	1.8
Utah	161.0	45.3	112.7	3.1
Nevada	52.9	8.0	44.4	.4
Pacific	**3,138.6**	**1,912.5**	**1,204.3**	**21.8**
Washington	570.2	365.3	200.9	4.0
Oregon	390.8	213.8	172.7	4.2
California	2,177.7	1,333.5	830.6	13.6

Source: Department of Agriculture, Bureau of Agricultural Economics; published in the Farm Income Situation.

No. 697.—Farm Income and Expenditures—Estimated Net Cash Available to Persons on Farms After Farm Expenditures: 1928 to 1948

[In millions of dollars]

YEAR	Cash receipts	Total cash expenditures [1]	Current operating expenses	Expenditures on buildings and machinery	Mortgage interest payable	Taxes levied	Cash wages to laborers not on farms	Rent to landlords not on farms [1]	Net cash available to persons on farms [2]
1928	11,072	7,022	3,451	1,321	590	626	348	686	4,050
1929	11,296	6,992	3,328	1,414	582	641	355	672	4,304
1930	9,021	6,040	2,962	1,044	572	638	302	522	2,981
1931	6,371	4,554	2,280	600	559	581	214	320	1,817
1932	4,743	3,539	1,835	300	534	504	139	227	1,204
1933	5,445	3,550	1,836	377	472	434	116	315	1,895
1934	6,780	4,032	2,037	596	430	420	140	409	2,748
1935	7,659	4,595	2,183	917	396	431	177	491	3,064
1936	8,654	5,097	2,433	1,116	364	436	216	532	3,557
1937	9,217	5,655	2,749	1,347	341	448	260	510	3,562
1938	8,168	5,076	2,474	1,126	320	444	254	458	3,092
1939	8,684	5,492	2,759	1,224	305	452	250	502	3,192
1940	9,130	6,040	3,204	1,376	293	446	261	460	3,090
1941	11,767	7,133	3,585	1,771	286	457	324	710	4,634
1942	16,069	8,570	4,750	1,675	273	461	430	981	7,499
1943	20,106	9,368	5,538	1,483	247	472	540	1,088	10,738
1944	21,164	10,129	5,955	1,744	236	495	596	1,103	11,035
1945	22,289	10,722	6,538	1,661	220	554	628	1,121	11,567
1946	25,636	13,125	7,452	2,791	216	617	693	1,356	12,511
1947	30,328	16,487	8,981	4,277	222	705	768	1,534	13,841
1948	30,802	18,253	9,833	5,112	229	765	830	1,484	12,549

[1] Including Government payments. [2] After farm expenditures.

Source: Department of Agriculture, Bureau of Agricultural Economics; prior to 1940, data published in Net Farm Income and Parity Report, 1943; thereafter, The Farm Income Situation.

No. 698.—Commodity Credit Corporation—Inventories of Commodities Owned as of June 30: 1947, 1948, and 1949

[Amounts in thousands]

Commodity and unit of quantity	1947		1948		1949	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Total		**$447,898**		**$247,041**		**$1,132,532**
Barley—bushels	1,110	2,016	336	656	24,942	33,234
Corn—do	3,659	6,907			5,648	9,926
Cotton—bales	13	1,180	1	6	1	56
Eggs, dried—pounds	47,255	59,718	6,844	8,943	63,183	81,328
Eggs, frozen—do	52,405	17,617	43,550	15,412	4	1
Flour and related grain products—do	501,725	31,846	193,770	9,709	14,978	695
Meat, Mexican—do			8,061	2,314	90,629	26,073
Meat and meat products—do	25,180	5,554	635	128	6,786	506
Milk and milk products—do	96,111	10,267	14,616	2,578	158,900	22,932
Oats—bushels	554	581	2	2	9,881	7,781
Oilseeds and products:						
Flaxseed—do			105	628	17,525	109,725
Linseed oil—pounds	26,817	10,300	371	110	295,836	81,896
Peanuts—do	14,111	1,241	2,904	304	27,365	10,431
Soybeans—bushels	3	8			10,414	25,845
All other		431		2,290		681
Potatoes, Irish—hundredweight	30	78	1,194	3,990		
Seeds, various—pounds	33,539	2,582	41,626	3,114	725	145
Sorghums, grain—hundredweight		1			13,659	37,737
Sugar—pounds	362,508	20,410				
Wheat—bushels	18,556	45,559	32,890	81,139	232,256	542,010
Wool—pounds	424,660	229,936	166,653	112,196	96,020	75,704
Other processed commodities		3,106		166		244
All other		560		3,356		65,582

Source: Department of Agriculture, Production and Marketing Administration.

No. 699.—Commodity Credit Corporation—Cost of Acquisition of Agricultural Commodities for All Purposes During Years Ending June 30: 1947, 1948, and 1949

[**Thousands of dollars.** Includes purchases under price-support, supply and foreign purchase programs as well as acquisitions in settlement of price-support loans]

Commodity	1947	1948	1949	Commodity	1947	1948	1949
Total	**1,956,542**	**1,881,598**	**2,702,982**	**Domestic acquisitions**—Continued.			
Domestic acquisitions	**1,574,498**	**1,628,116**	**2,544,736**	Potatoes, Irish	46,957	62,220	188,938
				Potato flour			24,164
Barley	21,261	27,670	61,856	Rice	33,648	24,727	6,280
Corn	105,041	10,403	112,935	Sorghum, grain	3,434	8,950	73,830
Cotton [1]	101,995	60,820	4,912	Sugar	74,366	54,420	6
Eggs	141,171	27,444	85,629	Wheat	422,654	823,316	1,247,557
Flour and related grain products	188,005	217,228	83,666	Wool	162,218	96,497	60,597
Fruit, processed	259	34,185	24,118	Other	51,760	51,773	89,496
General commodities purchase [2]	38,669			**Purchases foreign countries**	**382,044**	**253,482**	**158,246**
Meat and meat products	30,174	25,513	2,747				
Milk and milk products	93,622	32,567	52,650	Fats and oils	64,762	3,759	22,704
Oats	7,040	9,165	11,991	Fish, Icelandic		967	
Oilseeds and products:				Meat, Mexican canned [3]		11,725	37,620
Flaxseed and linseed oil		2,304	229,099	Rice	7,134	14,154	34,696
Peanuts	4,692	49,461	122,565	Sugar	308,600	222,568	63,226
Soybeans	40,170	4,117	54,274	Other	1,548	309	
All other	7,362	5,240	7,426				

[1] Includes cotton pooled for account of producers.
[2] Program recording purchases for foreign supply, placed in liquidation on July 1, 1946.
[3] Not a purchase by CCC; transfer from Bureau of Animal Industry for disposition.

Source: Department of Agriculture, Production and Marketing Administration.

No. 700.—Farms—Number and Percent Distribution, by Type: 1940 and 1945

[For 1940, farms were classified by type on basis of major (single largest) source of income in 1939. For 1945 (value refers to calendar year 1944), farms with value of products used by farm houshold exceeding total value of all farm products sold were classified as subsistence farms. All others were classified by type of product representing more than 50 percent of total sales; if no one source of income represented more than 50 percent of total sales, the farm was classified as "General"]

TYPE OF FARM	1940 TYPE CLASSIFICATION (Census of 1940)		1945 TYPE CLASSIFICATION				
			Number of farms		Percent distribution		Coefficient of variation of 1940 estimates [1] (percent)
	Number of farms	Percent distribution	Census of 1940 [1]	Census of 1945	Census of 1940 [1]	Census of 1945	
All farms	**6,096,799**	**100.0**	**6,096,799**	**5,859,169**	**100.0**	**100.0**	
Farms with no farm products sold or used [2]	88,502	1.5	88,502	98,673	1.5	1.7	
Farms, unclassified [3]	39,542	.6	39,542	7,588	.6	.1	
All classified farms	5,968,755	97.9	5,968,755	5,752,908	97.9	98.2	
Farms producing products primarily for sale	4,026,026	66.0	4,456,889	4,463,702	73.1	76.2	(4)
Fruit-and-nut farms	133,685	2.2	126,966	133,577	2.1	2.3	1
Vegetable farms	80,116	1.3	72,562	92,178	1.2	1.6	1
Horticultural-specialty farms	18,950	.3	18,626	15,954	.3	.3	1
All-other-crop (field crop) farms	2,186,986	35.9	2,071,326	1,862,637	34.0	31.8	(4)
Dairy farms	619,006	10.2	509,005	558,609	8.3	9.5	1
Poultry farms	217,570	3.6	191,436	274,504	3.1	4.7	1
Livestock farms	746,413	12.2	653,281	806,320	10.7	13.8	(4)
Forest-products farms	23,300	.4	23,017	29,015	.4	.5	3
General farms	(5)	(5)	790,670	690,908	13.0	11.8	1
Farms producing products primarily for own household use (subsistence farms)	1,942,729	31.9	1,511,866	1,289,206	24.8	22.0	(4)

[1] Based on a 2-percent sample for farms with under $10,000 total value of farm products, plus a tabulation of all farms with $10,000 or more total value of farm products; coefficients of variation provide information on approximate magnitudes of sampling errors. [2] Not classified by type.
[3] Not classified either by total value of farm products or by type. [4] 0.5 percent or less. [5] Not available.

No. 701.—Value of All Farm Products Sold or Used by Farm Households, With Farms Reporting, by Source of Income: 1930, 1940, and 1945

[Value of farm products refers to preceding calendar year]

SOURCE OF INCOME	NUMBER OF FARMS REPORTING			VALUE OF FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS					
				Total ($1,000)			Average per farm (dollars)		
	1930	1940	1945	1930	1940	1945	1930	1940	1945
All farms	**6,288,648**	**6,096,799**	**5,859,169**	(1)	(1)	(1)	(1)	(1)	(1)
Farms with no farm products sold or used [2]	(1)	88,502	98,673						
Farms, unclassified [3]	288,766	39,542	7,588	(1)	(1)	(1)	(1)	(1)	(1)
All classified farms: [4]									
All farm products sold or used	5,999,882	5,968,755	5,752,908	11,011,329	7,813,645	18,108,132	1,835	1,309	3,148
All farm products sold	(1)	5,617,068	5,327,687	9,609,924	6,681,581	16,230,627	(1)	1,190	3,046
All crops sold [5]	4,923,419	4,225,175	3,702,481	4,424,481	3,094,947	7,507,597	899	733	2,028
Fruits and nuts sold	(1)	668,783	531,039	(1)	295,351	1,078,643	(1)	442	2,031
Vegetables sold [6]	(1)	458,011	579,579	(1)	199,526	576,593	(1)	436	995
Hort. specialties sold	(1)	28,774	34,690	(1)	129,343	231,259	(1)	4,495	6,666
All other crops (field crops) sold [6]	(1)	3,825,478	3,216,108	(1)	2,470,727	5,621,103	(1)	646	1,748
All livestock and livestock products sold	(1)	4,456,508	4,336,641	5,085,584	3,547,482	8,644,671	(1)	796	1,993
Dairy products sold	(1)	2,647,851	2,472,709	(1)	1,118,193	2,531,408	(1)	422	1,024
Poultry and poultry products sold	(1)	3,507,802	3,401,918	(1)	555,412	1,586,549	(1)	158	466
Livestock and livestock products sold (exc. dairy and poultry)	(1)	(1)	3,476,763	(1)	1,873,878	4,526,714	(1)	(1)	1,302
Forest products sold [5]	602,992	276,611	221,901	99,860	39,152	78,359	166	142	353
Farm products used by farm households [7]	5,609,680	5,755,078	5,513,730	1,401,405	1,132,063	1,877,505	250	197	341

[1] Not available. [2] Not classified by type. [3] Not classified either by total value of farm products or by type. Figures for 1930 include nurseries, greenhouses, and apiaries.
[4] Classified both by total value of farm products and by type. Figures for 1930 include farms operated in 1929 with no farm products sold or used by farm operator's family but exclude nurseries, greenhouses, and apiaries.
[5] Value of maple sirup and sugar included with forest products for 1940 and 1945; with crops for 1930.
[6] Value of Irish and sweet potatoes included with all other crops (field crops), not with vegetables.
[7] Figures for 1930 are for farm operator's family only.

Source of tables 700 and 701: Department of Commerce, Bureau of Census; 1945 Census of Agriculture, Vol II.

No. 702.—Farms—Number, by Type of Farm, by States: 1945

[See headnote, table 700]

DIVISION AND STATE	All classified farms [1]	Fruit and nut farms	Vegetable farms	Horticultural specialty farms	Field crop farms	Dairy farms	Poultry farms	Livestock farms	Forest products farms	General farms	Subsistence farms [2]
United States	**5,752,908**	**133,577**	**92,178**	**15,954**	**1,862,637**	**558,609**	**274,504**	**806,320**	**29,015**	**690,908**	**1,289,206**
New England	**145,763**	**3,390**	**4,120**	**1,356**	**14,518**	**30,690**	**18,341**	**4,059**	**4,318**	**6,451**	**58,520**
Maine	40,528	706	617	146	6,812	5,124	3,304	1,208	2,218	2,352	18,041
N. Hampshire	17,859	314	161	87	804	3,194	2,707	687	571	839	8,495
Vermont	25,581	158	112	48	3,079	11,869	987	702	852	1,013	6,761
Massachusetts	36,264	1,807	2,506	676	2,368	5,563	7,231	834	488	1,568	13,223
Rhode Island	3,583	92	140	89	157	789	709	100	30	166	1,311
Connecticut	21,948	313	584	310	1,298	4,151	3,403	528	159	513	10,689
Middle Atlantic	**339,827**	**10,699**	**13,842**	**3,423**	**23,114**	**101,518**	**41,924**	**15,472**	**1,989**	**33,901**	**93,945**
New York	145,761	6,615	6,272	1,369	10,798	56,445	13,691	5,516	1,156	10,871	33,028
New Jersey	25,844	1,084	4,608	644	1,860	4,084	7,167	734	34	1,531	4,098
Pennsylvania	168,222	3,000	2,962	1,410	10,456	40,989	21,066	9,222	799	21,499	56,819
E. N. Central	**937,432**	**13,716**	**14,319**	**3,563**	**130,100**	**219,788**	**49,293**	**175,608**	**2,835**	**193,771**	**134,439**
Ohio	216,193	3,494	2,804	1,074	27,537	30,600	14,121	39,322	512	51,182	45,547
Indiana	172,902	875	2,538	516	19,423	15,114	11,808	53,521	350	41,200	27,557
Illinois	201,426	1,362	2,295	906	56,663	15,012	9,593	54,042	118	40,296	21,139
Michigan	171,001	7,128	4,575	731	21,071	44,831	9,374	15,016	966	36,475	30,834
Wisconsin	175,910	857	2,107	336	5,406	114,231	4,397	13,707	889	24,618	9,362
W. N. Central	**1,016,763**	**1,780**	**3,430**	**1,200**	**231,328**	**76,475**	**46,801**	**347,515**	**2,009**	**222,249**	**83,976**
Minnesota	186,604	306	990	241	17,716	38,930	9,967	42,639	1,162	60,445	14,208
Iowa	205,948	276	532	268	25,095	4,632	7,609	116,539	57	41,310	9,630
Missouri	237,697	787	1,099	325	30,766	22,671	15,902	84,344	688	37,460	43,655
North Dakota	69,101	9	24	33	49,034	1,075	544	6,633	38	10,390	1,321
South Dakota	67,723	32	70	32	19,672	916	1,781	26,468	36	16,852	1,864
Nebraska	110,773	72	255	92	38,566	1,581	3,625	39,193	7	23,897	3,485
Kansas	138,917	298	460	209	50,479	6,670	7,373	31,699	21	31,895	9,813
South Atlantic	**1,024,708**	**20,050**	**20,968**	**1,767**	**488,365**	**23,668**	**39,953**	**41,419**	**7,987**	**51,199**	**329,332**
Delaware	9,072	120	900	66	587	990	3,438	183	16	1,207	1,565
Maryland	40,481	611	3,626	201	7,638	5,793	4,972	1,889	139	5,360	10,252
Dist. of Columbia	40		12	11		2	6	1		2	6
Virginia	170,494	1,999	2,993	255	46,620	4,513	10,162	11,789	1,914	14,696	75,553
West Virginia	95,095	960	285	96	2,583	3,950	4,449	11,309	1,098	5,906	64,459
North Carolina	283,559	1,197	2,354	232	187,143	3,786	5,696	4,200	1,615	9,846	67,490
South Carolina	145,262	925	1,601	80	101,563	1,291	1,708	2,060	698	3,700	31,636
Georgia	221,427	2,224	2,675	262	131,817	2,465	6,900	5,836	2,243	7,331	59,674
Florida	59,278	12,014	6,522	564	10,414	878	2,622	4,152	264	3,151	18,697
E. S. Central	**945,470**	**3,373**	**6,364**	**557**	**497,920**	**23,363**	**11,882**	**54,334**	**4,958**	**62,628**	**280,091**
Kentucky	233,970	549	485	133	98,819	5,176	3,350	21,114	674	21,453	82,217
Tennessee	230,381	758	1,573	206	92,945	10,013	4,308	21,529	1,159	25,409	72,481
Alabama	220,522	1,182	1,519	134	123,466	2,352	2,363	6,157	1,621	7,690	74,038
Mississippi	260,597	884	2,787	84	182,690	5,822	1,861	5,534	1,504	8,076	51,355
W. S. Central	**863,035**	**10,761**	**15,045**	**941**	**382,905**	**26,725**	**32,558**	**87,899**	**2,883**	**85,364**	**217,954**
Arkansas	195,572	1,836	2,023	77	98,075	5,359	5,364	12,260	1,437	15,816	53,325
Louisiana	127,000	2,716	1,938	107	76,275	2,279	1,067	4,196	495	3,579	34,348
Oklahoma	162,689	736	1,149	185	60,731	7,220	4,742	19,795	156	26,519	41,456
Texas	377,774	5,473	9,935	572	147,824	11,867	21,385	51,648	795	39,450	88,825
Mountain	**206,905**	**6,610**	**4,525**	**787**	**60,427**	**18,421**	**8,431**	**55,251**	**698**	**21,502**	**30,253**
Montana	36,871	296	132	38	15,535	1,689	605	12,450	157	2,962	3,007
Idaho	40,710	717	319	258	15,220	6,784	932	6,502	233	5,523	4,222
Wyoming	12,775	21	35	36	2,898	890	241	6,505	25	1,044	1,080
Colorado	46,369	1,954	1,814	287	13,001	2,735	2,162	13,007	88	5,969	5,352
New Mexico	28,561	848	786	30	6,996	731	521	7,749	129	1,804	8,967
Arizona	12,479	1,146	451	42	2,455	1,087	889	2,426	57	436	3,490
Utah	25,844	1,615	940	86	3,872	4,194	2,838	5,126	7	3,519	3,647
Nevada	3,296	13	48	10	450	311	243	1,486	2	245	488
Pacific	**273,005**	**63,198**	**9,565**	**2,360**	**33,960**	**37,961**	**25,321**	**24,763**	**1,338**	**13,843**	**60,696**
Washington	77,672	8,098	1,782	516	9,741	14,141	6,543	6,550	443	4,633	25,225
Oregon	61,188	5,940	1,446	641	8,345	8,703	4,598	7,631	611	5,598	17,675
California	134,145	49,160	6,337	1,203	15,874	15,117	14,180	10,582	284	3,612	17,796

[1] Includes farms with usable reports for value of farm products sold or used by farm households; excludes 98,673 farms with no farm products sold or used and 7,588 unclassified farms.

[2] Farms producing products primarily for own household use.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 703.—Value of All Farm Products Sold or Used by Farm Households, With Farms Reporting, by Value Groups: 1930, 1940, and 1945

[Value of farm products refers to preceding calendar year. For number of farms classified by value groups by States, see table 707]

Value groups	Number of farms reporting			Value of farm products sold or used by farm households					
				Total ($1,000)		Average per farm (dollars)		Percent of total	
	1930	1940	1945	1940	1945	1940	1945	1940	1945
All farms	6,288,648	6,096,799	5,859,169	(1)	(1)	(1)	(1)	(1)	(1)
Farms unclassified [2]	288,766	39,542	7,588	(1)	(1)	(1)	(1)	(1)	(1)
All value groups	[3]5,999,882	6,057,257	5,851,581	7,813,645	18,108,132	1,290	3,095	100.0	100.0
Farms with value of products sold or used by farm households	*[3]5,999,882*	*5,968,755*	*5,752,908*	*7,813,645*	*18,108,132*	*1,309*	*3,148*	*100.0*	*100.0*
Under $250	[3] 397,517	1,233,507	552,253	159,329	62,779	129	114	2.0	.3
$0 [4]	(1)	88,502	98,673						
$1 to $99	(1)	332,195	120,467	18,951	(1)	57	(1)	.2	(1)
$100 to $249	(1)	812,810	333,113	140,377	(1)	173	(1)	1.8	(1)
$250 to $399	518,032	821,616	433,922	263,117	137,141	320	316	3.4	.8
$400 to $599	766,118	870,629	514,194	427,859	251,498	491	489	5.5	1.4
$400 to $499	(1)	(1)	267,666	(1)	(1)	(1)	(1)	(1)	(1)
$500 to $599	(1)	(1)	246,528	(1)	(1)	(1)	(1)	(1)	(1)
$600 to $999	1,245,684	1,053,575	780,434	817,144	610,359	776	782	10.5	3.4
$600 to $799	(1)	[5] 479,481	421,125	[5] 320,767	(1)	[5] 669	(1)	[5] 4.1	(1)
$800 to $999	(1)	[6] 574,094	359,309	[6] 496,377	(1)	[6] 865	(1)	[6] 6.4	(1)
$1,000 to $1,499	937,910	708,917	718,009	866,289	882,232	1,222	1,229	11.1	4.9
$1,000 to $1,199	(1)	(1)	316,119	(1)	(1)	(1)	(1)	(1)	(1)
$1,200 to $1,499	(1)	(1)	401,890	(1)	(1)	(1)	(1)	(1)	(1)
$1,500 to $2,499	981,163	680,101	908,624	1,306,697	1,767,681	1,921	1,945	16.7	9.8
$1,500 to $1,999	(1)	416,081	517,726	718,249	(1)	1,726	(1)	9.2	(1)
$2,000 to $2,499	(1)	264,020	390,898	588,448	(1)	2,229	(1)	7.5	(1)
$2,500 to $3,999	628,006	375,973	742,780	1,169,501	2,351,213	3,111	3,165	15.0	13.0
$2,500 to $2,999	(1)	(1)	300,373	(1)	(1)	(1)	(1)	(1)	(1)
$3,000 to $3,999	(1)	(1)	442,407	(1)	(1)	(1)	(1)	(1)	(1)
$4,000 to $5,999	291,112	165,679	514,055	796,228	2,506,711	4,806	4,876	10.2	13.8
$4,000 to $4,999	(1)	(1)	302,203	(1)	(1)	(1)	(1)	(1)	(1)
$5,000 to $5,999	(1)	(1)	211,852	(1)	(1)	(1)	(1)	(1)	(1)
$6,000 to $9,999	147,753	88,947	398,270	666,923	3,021,570	7,498	7,587	8.5	16.7
$6,000 to $7,999	(1)	(1)	257,681	(1)	(1)	(1)	(1)	(1)	(1)
$8,000 to $9,999	(1)	(1)	140,589	(1)	(1)	(1)	(1)	(1)	(1)
$10,000 and over	86,587	58,313	289,040	1,340,558	6,516,949	22,989	22,547	17.2	36.0
$10,000 to $19,999	61,606	40,670	205,803	545,022		13,401		7.0	
$20,000 and over	24,981	17,643	83,237	795,536	4,321,421	45,091	16,361	10.2	23.9
$20,000 to $29,999	(1)	8,817	42,025	211,248		23,959		2.7	
$30,000 to $39,999	(1)	3,388	16,306	115,645		34,134		1.5	
$40,000 to $49,999	(1)	1,687	8,086	74,788		44,332		1.0	
$50,000 to $74,999	(1)	1,899	8,489	112,975	2,195,528	59,492	88,153	1.4	12.1
$75,000 to $99,999	(1)	761	3,446	65,177		85,646		.8	
$100,000 and over	(1)	1,091	4,885	215,703		197,712		2.8	

[1] Not available.
[2] Not classified either by total value of farm products or by type. Figures for 1930 include nurseries, green houses, and apiaries.
[3] Includes "0" product farms operated in 1929; excludes "0" product farms not operated in 1929, but to be operated in 1930.
[4] Classified by total value of products but not classified by type.
[5] Figures for farms with $600 to $749 value of products.
[6] Figures for farms with $750 to $999 value of products.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 704.—Value of All Farm Products Sold or Used by Farm Households, With Farms Reporting, by Type of Farm and Value Groups: 1945

[Value of farm products refers to calendar year 1944. See also headnote, table 700]

TYPE OF FARM AND VALUE GROUP	Number of farms reporting	VALUE OF FARM PRODUCTS SOLD OR USED BY FARM HOUSEHOLDS ($1,000)	
		Total	Used by farm households
All classified farms [1]	**5,752,908**	**18,108,132**	**1,877,505**
Under $250	453,580	62,779	45,708
$250 to $399	433,922	137,141	92,540
$400 to $599	514,194	251,498	139,282
$600 to $999	780,434	610,359	241,692
$1,000 to $1,499	718,009	882,232	237,113
$1,500 to $2,499	908,624	1,767,681	325,084
$2,500 to $3,999	742,780	2,351,213	283,551
$4,000 to $5,999	514,055	2,506,711	207,671
$6,000 to $9,999	398,270	3,021,570	169,651
$10,000 and over	289,040	6,516,949	135,213
Farms producing products primarily for sale	**4,463,702**	**17,502,376**	**1,424,375**
Under $250	105,707	15,707	3,713
$250 to $399	122,686	39,499	9,985
$400 to $599	227,858	112,888	30,624
$600 to $999	540,163	428,857	111,639
$1,000 to $1,499	640,601	790,150	176,857
$1,500 to $2,499	884,503	1,724,768	299,036
$2,500 to $3,999	740,904	2,345,702	280,243
$4,000 to $5,999	513,979	2,506,354	207,452
$6,000 to $9,999	398,261	3,021,501	169,614
$10,000 and over	289,040	6,516,949	135,213
Fruit-and-nut farms	**133,577**	**1,076,404**	**24,758**
Under $250	6,385	870	189
$250 to $399	6,373	2,014	394
$400 to $599	8,493	4,159	862
$600 to $999	13,701	10,666	2,118
$1,000 to $1,499	12,571	15,295	2,451
$1,500 to $2,499	16,727	32,528	3,489
$2,500 to $3,999	15,958	50,433	3,287
$4,000 to $5,999	13,606	66,352	2,680
$6,000 to $9,999	15,350	117,755	2,967
$10,000 and over	24,413	776,332	6,321
Vegetable farms	**92,178**	**467,262**	**23,098**
Under $250	5,057	761	194
$250 to $399	5,503	1,783	439
$400 to $599	8,615	4,221	1,136
$600 to $999	14,787	11,500	2,987
$1,000 to $1,499	13,031	15,861	3,553
$1,500 to $2,499	14,205	27,385	4,553
$2,500 to $3,999	10,005	31,493	3,224
$4,000 to $5,999	7,033	34,025	2,239
$6,000 to $9,999	5,964	45,401	1,986
$10,000 and over	7,888	294,833	2,788
Horticultural-specialty farms	**15,954**	**232,615**	**2,678**
Under $250	240	39	8
$250 to $399	547	174	28
$400 to $599	875	428	75
$600 to $999	1,243	955	175
$1,000 to $1,499	1,203	1,435	186
$1,500 to $2,499	1,726	3,333	287
$2,500 to $3,999	1,666	5,217	287
$4,000 to $5,999	1,668	8,099	298
$6,000 to $9,999	1,804	13,747	329
$10,000 and over	4,982	199,188	1,005
All-other-crop (field crop) farms	**1,862,637**	**6,000,756**	**558,683**
Under $250	42,941	6,242	1,100
$250 to $399	48,934	15,724	3,273
$400 to $599	96,753	47,955	11,448
$600 to $999	262,096	208,828	50,377
$1,000 to $1,499	333,156	410,319	87,967
$1,500 to $2,499	419,947	810,795	140,838
$2,500 to $3,999	279,241	874,120	106,730
$4,000 to $5,999	161,885	786,951	64,110
$6,000 to $9,999	125,308	953,445	50,894
$10,000 and over	92,376	1,886,376	41,947
Dairy farms	**558,609**	**2,290,003**	**197,057**
Under $250	4,630	776	227
$250 to $399	8,190	2,688	800
$400 to $599	18,199	9,110	2,738
$600 to $999	45,568	36,409	9,881
$1,000 to $1,499	59,665	74,414	16,480
$1,500 to $2,499	109,218	216,706	35,515
$2,500 to $3,999	124,755	399,112	45,810
$4,000 to $5,999	92,609	450,978	38,011
$6,000 to $9,999	63,146	476,216	28,937
$10,000 and over	32,629	623,594	18,659
Poultry farms	**274,504**	**959,460**	**73,586**
Under $250	17,501	2,590	851
$250 to $399	18,256	5,872	1,866
$400 to $599	30,047	14,812	4,781
$600 to $999	50,678	39,538	11,853
$1,000 to $1,499	39,394	48,080	11,913
$1,500 to $2,499	38,894	75,037	13,512
$2,500 to $3,999	26,318	82,941	9,507
$4,000 to $5,999	18,169	88,548	6,664
$6,000 to $9,999	16,102	123,668	5,829
$10,000 and over	19,145	478,373	6,811
Livestock farms	**806,320**	**4,143,595**	**278,272**
Under $250	21,267	3,208	788
$250 to $399	22,558	7,247	1,963
$400 to $599	37,412	18,485	5,287
$600 to $999	76,340	60,292	16,417
$1,000 to $1,499	81,521	100,537	23,009
$1,500 to $2,499	125,100	246,603	41,546
$2,500 to $3,999	133,041	426,618	49,335
$4,000 to $5,999	117,247	576,713	47,757
$6,000 to $9,999	106,670	813,470	47,529
$10,000 and over	85,164	1,890,423	44,640
Forest-products farms	**29,015**	**48,059**	**8,621**
Under $250	2,216	318	68
$250 to $399	2,162	688	170
$400 to $599	3,116	1,533	416
$600 to $999	5,553	4,366	1,261
$1,000 to $1,499	5,354	6,582	1,759
$1,500 to $2,499	5,533	10,615	2,310
$2,500 to $3,999	2,893	8,938	1,421
$4,000 to $5,999	1,300	6,244	691
$6,000 to $9,999	645	4,842	378
$10,000 and over	243	3,933	146
General farms	**690,908**	**2,284,223**	**257,620**
Under $250	5,470	904	288
$250 to $399	10,073	3,309	1,052
$400 to $599	24,348	12,185	3,881
$600 to $999	70,197	56,303	16,570
$1,000 to $1,499	94,706	117,627	29,539
$1,500 to $2,499	153,153	301,765	56,985
$2,500 to $3,999	147,027	466,832	60,641
$4,000 to $5,999	100,462	488,443	45,003
$6,000 to $9,999	63,272	472,957	30,766
$10,000 and over	22,200	363,897	12,895
Farms producing products primarily for own household use	**1,289,206**	**605,757**	**453,130**
Under $250	347,873	47,072	41,995
$250 to $399	311,236	97,642	82,555
$400 to $599	286,336	138,610	108,658
$600 to $999	240,271	181,502	130,054
$1,000 to $1,499	77,408	92,081	60,256
$1,500 to $2,499	24,121	42,913	26,048
$2,500 to $3,999	1,876	5,510	3,308
$4,000 to $5,999	76	358	219
$6,000 to $9,999	9	69	37
$10,000 and over	---	---	---

[1] Excludes 98,673 farms with no farm products sold or used and 7,588 unclassified farms.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 705.—Farm Expenditures for Specified Purposes, by Color and by Tenure of Operator: 1929, 1939, and 1944

ITEM		FOR FARMS REPORTING SPECIFIED EXPENDITURES—					
		Total	By tenure			By color	
			Owners	Managers	Tenants	White operators	Nonwhite operators
Expenditures for labor: [1]							
Farms reporting	1929	2,631,601	1,717,713	38,617	875,271	(2)	(2)
	1939	2,260,237	1,504,805	27,521	727,911	2,142,903	117,334
	1944	2,799,026	(2)	(2)	(2)	(2)	(2)
Amount ($1,000)	1929	955,420	611,960	115,257	228,204	(2)	(2)
	1939	781,792	529,550	94,318	157,924	764,017	17,774
	1944	1,861,026	(2)	(2)	(2)	(2)	(2)
Expenditures for feed:							
Farms reporting	1929	3,283,400	2,209,385	31,388	1,042,627	(2)	(2)
	1939	3,342,715	2,286,568	20,285	1,035,862	3,161,960	180,755
	1944	4,271,642	(2)	(2)	(2)	(2)	(2)
Amount ($1,000)	1929	919,190	665,597	45,908	207,684	(2)	(2)
	1939	732,117	543,395	32,971	155,751	724,532	7,585
	1944	2,426,725	(2)	(2)	(2)	(2)	(2)
Expenditures for implements and machinery: [3]							
Farms reporting	1929	1,750,588	1,121,720	19,524	609,344	(2)	(2)
	1939	1,686,609	1,061,769	14,103	610,737	1,573,896	112,713
Amount ($1,000)	1929	692,548	473,115	17,311	202,122	(2)	(2)
	1939	549,320	368,206	13,747	167,367	542,484	6,835
Expenditures for commercial fertilizer: [4]							
Farms reporting	1929	2,239,546	1,304,177	20,655	914,714	(2)	(2)
	1939	2,337,031	1,434,679	16,299	886,053	1,938,186	398,845
Quantity purchased (1,000 tons)	1929	7,535	4,209	328	2,998	(2)	(2)
	1939	7,004	4,299	351	2,354	6,119	885
Amount ($1,000)	1939	195,928	120,414	10,266	65,248	171,008	24,920
Expenditures for liming material: [4]							
Farms reporting	1939	471,807	376,019	6,250	89,538	455,903	15,904
Quantity purchased (1,000 tons)	1939	8,516	6,215	322	1,980	8,444	72
Amount ($1,000)	1939	21,674	16,082	996	4,597	21,263	411
Expenditures for gasoline, distillate, kerosene, and oil:							
Farms reporting	1939	2,886,614	1,837,205	22,713	1,026,696	2,709,260	177,354
Amount ($1,000)	1939	323,239	211,933	10,572	100,734	318,843	4,396
Expenditures for building materials: [5]							
Farms reporting	1939	1,980,108	1,585,677	17,214	377,217	1,922,594	57,514
Amount ($1,000)	1939	305,650	248,374	14,362	42,914	301,779	3,872

[1] Exclusive of housework. Inquiry for 1939 and for 1944 specifically excluded contract construction work. No mention was made of wages for this kind of work for 1929.
[2] Not available.
[3] Inquiry specified expenditures for automobiles, tractors, and motortrucks for 1929 and 1939, and trailers for 1939.
[4] Includes quantities for which the farm operator reported no expenditure or expenditure for freight only.
[5] Includes expenditures for lumber, roofing materials, hardware, cement, paint, fencing materials, etc.

Source: Department of Commerce, Bureau of the Census, Sixteenth Census Reports, Agriculture, Vol. III, and 1945 Census of Agriculture, Vol. II.

No. 706.—Value of All Farm Products Sold or Used by Farm Households, With Farms Reporting, by Source of Income, by States: 1945

[Value of farm products refers to calendar year 1944]

Division and State	All classified farms [1]		Fruit and nuts sold		Vegetables sold		Horticultural specialties sold		All other crops (field crops) sold	
	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)
United States	**5,752,908**	**18,108,132**	**531,039**	**1,078,643**	**579,579**	**576,593**	**34,690**	**231,259**	**3,216,108**	**5,621,103**
New England	**145,763**	**473,429**	**14,557**	**17,802**	**19,613**	**20,566**	**2,364**	**18,201**	**42,768**	**92,771**
Maine	40,528	110,309	4,181	2,000	6,161	3,262	275	1,300	13,822	50,394
New Hampshire	17,859	44,706	1,722	1,651	1,674	811	183	1,255	4,101	1,628
Vermont	25,581	79,753	1,174	1,473	1,202	354	95	304	9,710	3,551
Massachusetts	36,264	125,546	5,396	9,854	7,586	12,067	1,193	8,729	9,755	10,296
Rhode Island	3,583	16,042	504	390	696	841	150	1,229	849	1,667
Connecticut	21,948	97,073	1,580	2,433	2,294	3,231	468	5,384	4,531	25,235
Middle Atlantic	**339,827**	**1,179,896**	**47,810**	**65,276**	**66,058**	**89,425**	**5,859**	**49,782**	**111,043**	**117,641**
New York	145,761	550,360	20,020	35,755	27,176	40,889	2,262	20,730	47,853	49,755
New Jersey	25,844	173,389	3,590	10,577	10,096	29,680	898	10,512	7,066	18,621
Pennsylvania	168,222	456,147	24,200	18,944	28,786	18,856	2,699	18,541	56,124	49,266
E. N. Central	**937,432**	**3,222,381**	**68,669**	**64,053**	**112,763**	**80,147**	**7,076**	**52,345**	**440,352**	**673,334**
Ohio	216,193	592,201	20,066	11,699	17,703	15,013	1,948	15,532	102,017	120,627
Indiana	172,902	538,149	8,119	4,194	18,355	13,638	1,055	6,124	80,670	100,592
Illinois	201,426	1,014,989	9,521	9,078	11,415	13,880	1,461	17,025	124,666	354,141
Michigan	171,001	413,404	21,538	32,143	26,226	19,187	1,781	9,818	86,423	69,004
Wisconsin	175,910	663,637	9,425	6,940	39,064	18,429	831	3,846	46,576	28,970
W. N. Central	**1,016,763**	**4,453,780**	**22,042**	**5,899**	**34,280**	**16,874**	**2,635**	**17,313**	**578,371**	**1,273,642**
Minnesota	186,604	709,861	3,593	898	11,822	6,824	548	3,744	84,972	106,976
Iowa	205,948	1,232,011	5,028	637	6,371	3,306	519	4,985	114,717	216,458
Missouri	237,697	583,719	8,139	3,035	9,001	4,133	713	5,020	85,320	111,684
North Dakota	69,101	391,349	255	28	392	118	87	335	63,911	252,107
South Dakota	67,723	308,581	631	73	813	227	76	366	50,818	100,253
Nebraska	110,773	584,590	1,488	290	1,993	749	223	1,101	81,124	191,343
Kansas	138,917	643,670	2,908	937	3,888	1,516	469	1,762	97,509	294,822
South Atlantic	**1,024,708**	**2,104,210**	**119,540**	**178,096**	**150,303**	**97,964**	**5,270**	**23,386**	**646,411**	**899,165**
Delaware	9,072	64,863	675	2,161	5,280	3,066	133	908	3,778	2,877
Maryland	40,481	152,374	3,546	4,597	14,240	14,783	440	2,993	20,037	28,991
Dist. of Columbia	40	592	5	2	24	89	15	205	9	6
Virginia	170,494	314,601	16,630	20,164	21,209	10,780	898	3,315	77,191	90,519
West Virginia	95,095	100,045	12,671	7,491	5,960	1,015	435	652	16,163	4,023
North Carolina	283,559	592,632	22,187	7,414	31,805	8,304	960	1,951	221,974	400,796
South Carolina	145,262	237,761	8,706	6,143	24,068	8,267	618	759	119,835	149,638
Georgia	221,427	383,741	31,964	15,259	32,401	9,241	715	3,000	167,747	195,920
Florida	59,278	257,601	23,156	114,866	15,316	42,421	1,056	9,604	19,677	26,396
E. S. Central	**945,470**	**1,396,564**	**66,453**	**12,568**	**63,824**	**15,767**	**2,204**	**5,476**	**667,002**	**687,482**
Kentucky	233,970	413,682	10,528	2,040	6,160	1,775	337	1,585	138,996	192,628
Tennessee	230,381	323,642	12,249	3,020	18,269	4,955	770	1,833	145,993	120,751
Alabama	220,522	298,296	26,550	3,704	21,252	4,414	720	1,459	162,813	147,404
Mississippi	260,597	360,945	17,126	3,803	18,143	4,624	377	598	219,200	226,699
W. S. Central	**863,035**	**2,088,538**	**75,998**	**45,791**	**88,491**	**47,592**	**2,382**	**9,531**	**555,472**	**1,007,672**
Arkansas	195,572	329,904	14,340	7,167	17,342	5,158	464	787	129,373	188,672
Louisiana	127,000	217,065	13,533	5,641	14,979	4,959	317	577	95,091	134,966
Oklahoma	162,689	425,900	13,894	2,737	11,501	4,499	380	2,255	101,886	190,091
Texas	377,774	1,115,669	34,231	30,246	44,669	32,976	1,221	5,912	229,122	493,944
Mountain	**206,905**	**1,127,676**	**20,096**	**28,609**	**20,963**	**42,537**	**2,449**	**10,243**	**107,628**	**397,914**
Montana	36,871	234,613	1,325	653	1,147	589	107	529	24,114	108,464
Idaho	40,710	226,742	3,639	5,571	2,637	3,855	1,052	2,797	24,915	107,925
Wyoming	12,775	87,405	395	49	316	219	178	367	5,854	16,375
Colorado	46,369	262,959	4,720	7,940	5,448	10,736	717	4,584	25,366	84,771
New Mexico	28,561	89,283	3,323	1,746	4,333	2,905	99	246	11,458	29,579
Arizona	12,479	98,760	2,008	8,276	1,413	18,495	78	422	3,610	31,029
Utah	25,844	103,305	4,423	4,322	5,406	5,321	202	1,188	11,206	17,256
Nevada	3,296	24,608	263	51	263	418	16	109	1,105	2,515
Pacific	**273,005**	**2,061,658**	**95,874**	**660,550**	**23,284**	**165,719**	**4,451**	**44,982**	**67,061**	**471,481**
Washington	77,672	377,834	16,810	87,746	6,074	14,578	1,168	6,708	18,549	125,174
Oregon	61,188	257,545	15,333	31,979	4,394	15,093	1,414	5,973	19,209	76,700
California	134,145	1,426,279	63,731	540,825	12,816	136,048	1,869	32,301	29,303	269,608

[1] Excludes 98,673 farms with no farm products sold or used and 7,588 unclassified farms.

No. 706.—Value of All Farm Products Sold or Used by Farm Households, With Farms Reporting, by Source of Income, by States: 1945—Continued

Division and State	Dairy products sold		Poultry and poultry products sold		Livestock and livestock products sold (other than dairy and poultry)		Forest products sold		Products of the farm used by the farm households	
	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)	Farms reporting	Value ($1,000)
United States	**2,472,709**	**2,531,408**	**3,401,918**	**1,586,549**	**3,476,763**	**4,526,714**	**221,901**	**78,359**	**5,513,730**	**1,877,505**
New England	**48,425**	**144,150**	**53,448**	**95,945**	**56,590**	**23,943**	**21,528**	**11,258**	**139,629**	**48,791**
Maine	12,762	16,827	12,957	13,365	15,941	4,648	8,039	4,600	38,812	13,912
N. Hampshire	5,754	11,748	6,879	17,739	6,871	2,901	2,470	1,421	17,365	5,552
Vermont	14,496	49,306	8,658	5,372	14,519	6,201	6,996	3,698	23,740	9,494
Massachusetts	8,650	33,759	14,923	33,284	10,256	5,858	2,630	992	34,586	10,707
Rhode Island	1,171	6,158	1,689	3,536	1,406	900	187	83	3,516	1,238
Connecticut	5,592	26,353	8,342	22,649	7,597	3,436	1,206	465	21,610	7,888
Middle Atlantic	**161,292**	**432,048**	**190,206**	**201,600**	**194,225**	**103,054**	**17,313**	**6,237**	**330,549**	**114,833**
New York	77,812	244,060	69,998	69,568	87,018	39,190	10,757	3,846	140,793	46,567
New Jersey	6,077	39,824	15,241	46,287	10,238	10,003	391	136	24,929	7,749
Pennsylvania	77,403	148,164	104,967	85,745	96,969	53,860	6,165	2,255	164,827	60,517
E. N. Central	**637,836**	**783,531**	**677,959**	**275,910**	**733,763**	**1,013,649**	**34,337**	**10,395**	**908,992**	**269,017**
Ohio	131,175	123,177	149,387	64,851	156,244	180,290	4,620	1,525	209,939	59,487
Indiana	111,141	81,980	130,431	58,197	137,202	226,315	3,807	1,165	167,909	45,945
Illinois	132,207	115,776	165,058	63,407	169,494	379,848	2,399	656	194,888	61,177
Michigan	109,157	121,701	102,293	38,890	115,363	72,868	7,788	2,660	164,513	47,134
Wisconsin	154,156	340,897	130,790	50,565	155,460	154,328	15,723	4,388	171,743	55,273
W. N. Central	**731,979**	**449,706**	**841,664**	**415,319**	**870,370**	**1,909,671**	**23,265**	**5,359**	**976,019**	**359,996**
Minnesota	154,190	159,028	151,044	108,246	160,999	248,293	10,366	2,850	180,163	73,000
Iowa	163,446	99,829	183,710	113,626	186,778	713,251	1,383	310	200,937	79,608
Missouri	127,945	65,470	182,819	66,800	189,708	248,554	9,097	1,795	231,193	77,228
North Dakota	54,487	25,520	54,036	12,942	59,108	73,087	571	85	63,299	26,526
South Dakota	49,954	19,863	57,620	24,361	60,823	141,210	282	54	63,910	22,174
Nebraska	86,732	33,105	96,994	43,408	98,338	273,161	371	59	105,968	41,374
Kansas	95,225	46,890	115,441	45,936	114,616	211,515	1,195	207	130,549	40,086
South Atlantic	**196,781**	**146,057**	**440,737**	**212,931**	**408,753**	**155,003**	**50,196**	**21,940**	**985,482**	**369,668**
Delaware	2,562	4,930	6,357	46,645	4,348	1,579	145	88	8,707	2,610
Maryland	14,422	32,297	25,658	39,532	22,848	13,248	1,638	656	39,090	15,278
Dist. of Columbia	4	140	10	75	8	72	-------	-------	22	4
Virginia	51,868	30,663	99,520	41,742	96,035	45,746	13,088	5,175	166,704	66,497
West Virginia	29,915	11,795	51,338	15,717	53,319	20,774	5,595	1,886	93,840	36,693
North Carolina	46,958	20,006	117,677	25,071	98,097	20,827	12,129	4,461	273,462	103,802
South Carolina	15,580	8,416	42,266	7,494	33,493	9,067	4,336	1,882	139,394	46,095
Georgia	32,035	17,762	77,010	27,813	78,512	27,038	11,284	6,439	213,773	81,268
Florida	3,437	20,048	20,901	8,842	22,093	16,652	1,981	1,352	50,490	17,421
E. S. Central	**246,535**	**98,930**	**494,088**	**56,353**	**463,278**	**193,476**	**38,491**	**12,170**	**912,094**	**314,343**
Kentucky	91,558	31,511	145,395	18,221	149,981	88,391	6,025	1,483	224,710	76,049
Tennessee	74,443	34,255	154,683	18,715	148,043	60,410	9,993	2,749	223,194	76,954
Alabama	44,041	15,434	102,846	10,659	93,399	26,259	10,207	4,079	215,425	84,882
Mississippi	36,493	17,730	91,164	8,758	71,855	18,415	12,266	3,859	248,765	76,457
W. S. Central	**257,750**	**132,069**	**499,103**	**121,408**	**490,132**	**444,930**	**26,997**	**6,216**	**827,503**	**273,329**
Arkansas	49,687	15,009	93,781	17,924	96,058	31,243	11,233	2,758	189,118	61,186
Louisiana	8,041	12,216	54,343	4,501	41,411	13,692	3,721	1,010	122,929	39,503
Oklahoma	86,529	38,723	114,027	26,878	116,902	103,043	2,874	441	157,646	57,233
Texas	113,493	66,121	236,952	72,105	235,761	296,952	9,169	2,006	357,810	115,407
Mountain	**102,293**	**87,688**	**101,488**	**49,038**	**143,187**	**450,576**	**3,433**	**1,502**	**193,117**	**59,570**
Montana	18,648	10,062	20,520	4,164	28,523	97,961	763	287	33,704	11,903
Idaho	28,676	28,286	20,299	6,582	30,478	59,239	1,151	483	38,549	12,005
Wyoming	6,945	4,374	6,915	1,900	10,841	59,566	109	52	12,073	4,504
Colorado	23,813	17,734	28,167	11,788	32,754	112,708	488	243	43,945	12,455
New Mexico	5,806	4,659	9,117	2,219	15,532	40,476	536	146	26,703	7,308
Arizona	2,921	6,530	4,633	2,244	5,693	28,160	296	227	10,854	3,377
Utah	14,424	14,014	10,435	19,189	16,883	35,225	77	61	24,315	6,730
Nevada	1,060	2,029	1,402	953	2,483	17,242	13	4	2,974	1,288
Pacific	**89,818**	**257,229**	**103,225**	**158,043**	**116,465**	**232,413**	**6,341**	**3,281**	**240,345**	**67,960**
Washington	35,641	48,341	34,993	28,494	39,915	42,452	2,252	959	74,748	23,381
Oregon	28,560	33,041	28,168	26,331	34,436	48,600	2,673	1,634	58,639	18,195
California	25,617	175,847	40,064	103,219	42,114	141,360	1,416	687	106,958	26,384

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 707.—Farms—Number, by Value of All Farm Products Sold or Used by Farm Households, by States: 1945

Division and State	All classified farms [1]	Number of farms by value of all farm products [2]					
		$1 to $99	$100 to $249	$250 to $399	$400 to $599	$600 to $799	$800 to $999
United States	**5,752,908**	**120,467**	**333,113**	**433,922**	**514,194**	**421,125**	**359,309**
New England	**145,763**	**7,798**	**17,784**	**18,024**	**17,115**	**10,680**	**6,972**
Maine	40,528	2,942	5,250	4,953	5,079	3,458	2,103
New Hampshire	17,859	1,358	2,916	2,366	2,036	1,238	847
Vermont	25,581	1,016	2,053	2,573	2,521	1,535	1,056
Massachusetts	36,264	1,543	4,046	4,528	4,443	2,799	1,973
Rhode Island	3,583	84	361	434	409	273	185
Connecticut	21,948	855	3,158	3,170	2,627	1,377	808
Middle Atlantic	**339,827**	**11,348**	**29,028**	**29,887**	**30,730**	**21,451**	**16,083**
New York	145,761	5,233	11,763	11,188	11,415	7,698	5,786
New Jersey	25,844	264	901	1,757	1,843	1,492	1,130
Pennsylvania	168,222	5,851	16,364	16,942	17,472	12,261	9,167
East North Central	**937,432**	**27,600**	**58,061**	**54,786**	**60,260**	**47,468**	**40,610**
Ohio	216,193	8,077	19,183	17,273	18,257	13,246	10,686
Indiana	172,902	5,746	11,792	11,728	12,740	10,112	8,558
Illinois	201,426	4,167	9,363	9,003	10,575	8,557	7,117
Michigan	171,001	6,680	12,695	12,262	13,535	10,888	9,768
Wisconsin	175,910	2,930	5,028	4,520	5,153	4,665	4,481
West North Central	**1,016,763**	**13,764**	**30,313**	**33,060**	**42,596**	**38,628**	**36,147**
Minnesota	186,604	3,073	5,591	5,587	6,711	6,090	5,789
Iowa	205,948	1,778	3,744	3,742	4,940	4,602	4,334
Missouri	237,697	5,401	14,030	15,554	19,598	17,144	15,276
North Dakota	69,101	229	514	636	976	1,002	1,113
South Dakota	67,723	603	936	1,055	1,548	1,562	1,644
Nebraska	110,773	570	1,274	1,729	2,439	2,531	2,642
Kansas	138,917	2,110	4,224	4,757	6,384	5,697	5,349
South Atlantic	**1,024,708**	**18,406**	**66,741**	**97,362**	**115,506**	**92,250**	**76,756**
Delaware	9,072	255	737	691	687	526	362
Maryland	40,481	1,030	2,733	3,621	3,558	2,613	1,991
District of Columbia	40	2	3	3	2		2
Virginia	170,494	3,804	15,809	22,373	24,179	16,279	11,875
West Virginia	95,095	3,963	12,359	17,296	18,309	11,895	7,850
North Carolina	283,559	3,055	13,508	18,559	23,666	19,427	16,780
South Carolina	145,262	2,248	7,849	11,769	14,456	13,733	12,739
Georgia	221,427	2,523	9,011	16,506	23,668	22,332	20,857
Florida	59,278	1,526	4,732	6,544	6,981	5,445	4,300
East South Central	**945,470**	**14,967**	**58,387**	**90,215**	**113,903**	**100,939**	**97,664**
Kentucky	233,970	5,215	19,999	29,087	28,864	21,013	16,628
Tennessee	230,381	4,845	17,812	23,532	28,220	23,838	20,965
Alabama	220,522	2,777	11,225	21,951	30,070	26,146	22,489
Mississippi	260,597	2,130	9,351	15,645	26,749	29,942	31,582
West South Central	**863,035**	**12,397**	**44,572**	**75,167**	**96,802**	**83,171**	**71,128**
Arkansas	195,572	2,496	10,065	17,334	22,952	20,271	18,983
Louisiana	127,000	1,768	6,233	11,077	15,908	15,582	14,716
Oklahoma	162,689	1,957	7,542	13,251	16,097	13,135	10,886
Texas	377,774	6,176	20,732	33,505	41,845	34,183	26,904
Mountain	**206,905**	**6,220**	**10,855**	**12,338**	**13,545**	**10,297**	**8,237**
Montana	36,871	593	1,219	1,297	1,481	1,266	1,212
Idaho	40,710	851	1,413	1,588	2,046	1,720	1,565
Wyoming	12,775	190	387	474	503	428	416
Colorado	46,369	1,597	2,359	2,278	2,524	2,042	1,732
New Mexico	28,561	2,178	3,131	3,331	3,061	2,203	1,488
Arizona	12,479	438	917	1,468	1,610	856	624
Utah	25,844	473	1,216	1,695	2,067	1,609	1,270
Nevada	3,296	100	213	207	233	172	129
Pacific	**273,005**	**7,967**	**17,372**	**23,083**	**23,737**	**16,241**	**11,712**
Washington	77,672	2,958	6,671	8,525	8,632	5,768	3,921
Oregon	61,188	2,112	4,905	6,370	6,718	4,442	3,156
California	134,145	2,897	5,796	8,188	8,387	6,031	4,635

For footnotes, see next page.

No. 707.—Farms—Number, by Value of All Farm Products Sold or Used by Farm Households, by States: 1945—Continued

Division and State	Number of farms by value of all farm products [1]—continued							
	$1,000 to $1,499	$1,500 to $1,999	$2,000 to $2,499	$2,500 to $3,999	$4,000 to $5,999	$6,000 to $9,999	$10,000 to $19,999	$20,000 and over
United States	718,009	517,726	390,898	742,780	514,055	398,270	205,803	83,237
New England	10,626	6,800	5,559	12,505	11,210	10,863	6,913	2,914
Maine	3,121	1,923	1,506	3,028	2,402	2,256	1,737	770
New Hampshire	1,348	798	687	1,422	1,094	935	574	240
Vermont	1,724	1,278	1,214	3,316	3,201	2,768	1,136	190
Massachusetts	2,920	1,819	1,383	2,850	2,595	2,666	1,777	922
Rhode Island	273	150	116	274	271	305	288	160
Connecticut	1,240	832	653	1,615	1,647	1,933	1,401	632
Middle Atlantic	28,352	21,109	18,216	43,200	36,813	31,621	16,719	5,270
New York	10,839	8,679	7,926	20,521	18,720	15,927	7,633	2,433
New Jersey	1,920	1,306	1,174	2,523	2,735	3,811	3,614	1,374
Pennsylvania	15,593	11,124	9,116	20,156	15,358	11,883	5,472	1,463
East North Central	84,726	71,785	65,665	156,861	125,297	94,357	40,571	9,385
Ohio	20,662	16,155	13,863	31,326	23,980	16,190	5,881	1,414
Indiana	17,123	13,575	11,772	26,307	20,329	15,136	6,505	1,479
Illinois	14,786	11,745	10,710	27,695	29,422	33,495	19,967	4,824
Michigan	19,867	16,444	13,786	27,046	15,696	8,481	2,079	874
Wisconsin	12,288	13,866	15,534	44,487	35,870	21,055	5,239	794
West North Central	85,364	80,853	76,579	191,534	169,326	139,907	62,364	16,328
Minnesota	14,662	15,370	16,007	41,678	35,118	23,028	6,565	1,335
Iowa	10,299	10,673	11,409	35,461	41,573	44,745	23,266	5,382
Missouri	33,039	26,243	20,308	35,163	18,847	11,083	4,478	1,533
North Dakota	3,165	3,857	4,372	14,268	16,088	14,962	6,625	1,294
South Dakota	4,495	5,132	5,512	15,851	14,335	10,582	3,716	752
Nebraska	6,904	7,827	8,163	24,415	23,567	18,578	7,647	2,487
Kansas	12,800	11,751	10,808	24,698	19,798	16,929	10,067	3,545
South Atlantic	150,508	108,148	80,333	124,332	51,349	24,425	11,900	6,692
Delaware	641	440	373	913	881	956	883	727
Maryland	3,568	2,722	2,245	5,271	4,431	3,787	2,094	817
Dist. of Columbia	2	5	3	6	3	----	5	4
Virginia	21,052	14,015	10,551	15,992	7,098	4,013	2,300	1,154
West Virginia	10,068	4,496	2,326	3,126	1,573	1,000	593	241
North Carolina	36,436	32,995	31,043	56,487	22,694	6,916	1,530	463
South Carolina	27,348	19,069	12,579	15,916	4,605	1,711	846	394
Georgia	43,973	29,497	17,974	21,608	7,254	3,685	1,716	823
Florida	7,420	4,909	3,239	5,013	2,810	2,357	1,933	2,069
East South Central	182,770	112,541	62,785	71,467	24,972	13,169	5,656	2,035
Kentucky	29,561	20,988	15,036	24,844	12,369	7,044	2,635	687
Tennessee	41,238	26,269	15,513	17,649	5,954	3,008	1,163	375
Alabama	43,173	26,498	14,722	14,679	3,742	1,675	907	468
Mississippi	68,798	38,786	17,514	14,295	2,907	1,442	951	505
West South Central	138,114	87,902	57,220	87,297	46,129	33,580	19,640	9,916
Arkansas	30,407	23,913	13,269	15,462	5,342	3,140	1,952	1,037
Louisiana	26,668	13,921	7,208	7,216	2,719	2,138	1,489	857
Oklahoma	22,039	15,926	11,897	21,328	13,308	9,535	4,392	1,297
Texas	60,000	34,142	24,846	43,291	24,760	18,767	11,807	6,726
Mountain	16,837	14,018	12,334	28,828	24,604	22,971	16,522	9,299
Montana	2,477	2,393	2,253	5,522	5,284	5,723	4,335	1,916
Idaho	3,180	2,705	2,478	6,267	5,934	5,767	3,713	1,683
Wyoming	999	973	850	2,221	1,786	1,561	1,167	820
Colorado	3,743	3,262	2,944	6,917	5,635	5,186	3,825	2,324
New Mexico	2,545	1,704	1,251	2,441	1,880	1,635	1,079	660
Arizona	982	600	511	1,066	917	817	806	940
Utah	2,655	2,172	1,860	3,997	2,839	1,969	1,301	701
Nevada	256	209	187	397	329	313	296	255
Pacific	20,712	14,570	12,207	26,756	24,355	27,377	25,518	21,398
Washington	6,538	4,262	3,309	6,720	5,400	5,482	5,373	4,113
Oregon	5,447	3,656	2,975	6,131	4,934	4,499	3,547	2,286
California	8,727	6,652	5,923	13,905	14,021	17,396	16,598	14,999

[1] Includes farms with usable reports for value of farm products sold or used by farm households; excludes 98,673 farms with no farm products sold or used and 7,588 unclassified farms.
[2] Value of all farm products sold or used by farm households in 1944.

Source Depart ent of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 708.—Farm Facilities, Roads, Motor Vehicles, Tractors, and Residence of Farm Operators, by States: 1945

[Specified facilities relate only to farms reporting dwellings]

Division and State	Number of farms reporting—							
	Running water	Electricity	Radio	Telephone	Electric distribution line within ¼ mile	Distance to nearest all-weather road		
						0.0 to 0.2 mile	0.3 to 0.9 mile	1.0 mile and over
United States	**1,679,023**	**2,787,624**	**4,264,007**	**1,866,109**	**3,485,489**	**3,771,094**	**600,937**	**1,194,334**
New England	**106,838**	**117,313**	**130,514**	**94,899**	**125,805**	**121,011**	**9,133**	**13,242**
Maine	19,848	27,324	35,356	22,642	30,906	32,893	2,955	4,853
N. Hampshire	13,564	15,507	16,489	11,795	16,792	13,621	1,915	2,802
Vermont	21,202	18,462	21,305	14,604	20,232	19,307	2,107	3,816
Massachusetts	31,095	33,107	33,060	26,295	33,967	31,565	1,172	863
Rhode Island	2,894	3,146	3,268	2,338	3,246	3,134	197	257
Connecticut	18,235	19,767	20,436	17,225	20,662	20,491	787	651
Middle Atlantic	**201,928**	**273,338**	**299,355**	**161,781**	**296,927**	**246,657**	**39,215**	**48,434**
New York	86,868	122,821	131,783	78,484	131,021	115,329	11,400	17,996
New Jersey	21,506	23,884	24,320	13,842	24,429	21,578	1,863	1,213
Pennsylvania	93,554	126,633	143,252	69,455	141,477	109,750	25,952	29,225
E. N. Central	**338,878**	**676,604**	**820,493**	**487,701**	**757,822**	**779,107**	**67,326**	**66,611**
Ohio	83,856	164,949	186,503	111,461	181,964	181,210	15,292	15,006
Indiana	59,652	122,742	147,417	97,236	140,964	147,344	9,930	7,849
Illinois	54,172	120,177	175,778	124,039	139,424	156,834	19,132	21,462
Michigan	86,163	144,260	154,353	68,858	155,081	148,916	9,924	8,762
Wisconsin	55,035	124,476	156,442	86,107	140,389	144,803	13,048	13,532
W. N. Central	**218,099**	**439,265**	**871,693**	**587,273**	**487,802**	**587,785**	**145,279**	**267,687**
Minnesota	38,721	95,342	165,243	103,178	109,701	135,124	28,672	20,809
Iowa	65,817	129,001	190,438	165,760	145,524	137,469	26,140	36,719
Missouri	28,670	76,417	190,148	109,055	105,127	156,709	31,517	47,923
North Dakota	6,073	18,612	57,769	23,641	9,675	21,977	12,177	33,323
South Dakota	10,727	19,028	57,691	31,145	11,839	27,744	10,958	28,190
Nebraska	35,079	46,619	94,635	63,195	48,803	42,846	17,394	50,664
Kansas	33,012	54,246	115,769	91,299	57,133	65,916	18,421	50,059
South Atlantic	**195,000**	**393,245**	**601,398**	**115,121**	**594,304**	**630,246**	**109,819**	**227,981**
Delaware	4,560	5,605	7,009	3,694	7,381	6,279	1,211	1,752
Maryland	18,719	25,256	31,628	17,137	29,996	22,981	5,585	8,414
Dist. of Columbia	23	24	22	24	40	37	1	----------
Virginia	36,741	63,512	104,762	31,835	91,637	107,809	21,014	34,903
West Virginia	17,751	38,763	66,201	21,599	48,164	52,936	10,908	31,907
North Carolina	43,943	107,982	172,115	14,539	167,568	161,036	34,553	69,037
South Carolina	19,091	52,101	67,853	6,306	91,602	83,215	16,015	36,374
Georgia	34,104	77,145	117,937	13,558	125,666	153,969	15,537	37,021
Florida	20,068	22,857	33,871	6,429	32,250	41,984	4,995	8,573
E. S. Central	**96,992**	**255,122**	**542,813**	**99,442**	**446,778**	**607,440**	**100,602**	**191,498**
Kentucky	20,726	68,088	148,692	42,118	111,686	138,821	26,448	62,961
Tennessee	30,175	70,769	157,983	36,365	106,828	169,704	24,110	28,210
Alabama	25,581	66,046	117,485	11,162	109,279	137,396	20,987	50,278
Mississippi	20,510	50,219	118,653	9,797	118,985	161,519	29,057	50,049
W. S. Central	**203,045**	**279,098**	**580,329**	**129,075**	**418,247**	**441,146**	**95,414**	**297,765**
Arkansas	15,834	43,053	133,416	13,815	80,478	111,200	25,413	47,513
Louisiana	17,481	31,558	63,025	6,434	65,137	81,445	14,944	21,583
Oklahoma	27,914	47,104	122,448	41,101	64,845	54,531	19,106	86,919
Texas	141,816	157,383	261,440	67,725	207,787	193,970	35,951	141,750
Mountain	**90,372**	**121,246**	**168,573**	**69,251**	**117,368**	**118,498**	**19,227**	**65,587**
Montana	9,810	15,782	31,744	7,847	12,525	13,816	3,731	18,625
Idaho	22,475	31,995	36,660	17,421	32,454	28,719	3,880	6,455
Wyoming	4,113	6,794	11,332	4,054	5,391	4,717	1,490	6,493
Colorado	17,486	27,643	39,956	22,106	25,970	28,218	4,410	13,611
New Mexico	8,427	8,844	15,819	3,175	9,401	10,654	2,686	14,870
Arizona	9,136	8,756	10,216	4,661	9,336	9,544	996	2,077
Utah	16,867	19,353	20,173	8,479	20,399	21,187	1,783	2,277
Nevada	2,058	2,079	2,673	1,508	1,892	1,643	251	1,179
Pacific	**227,871**	**232,393**	**248,839**	**121,566**	**240,436**	**239,204**	**14,922**	**15,529**
Washington	61,691	67,955	73,397	35,502	69,142	67,291	5,232	4,910
Oregon	45,998	48,390	56,254	25,643	49,560	53,547	3,700	4,039
California	120,182	116,048	119,188	60,421	121,734	118,366	5,990	6,580

No. 708.—Farm Facilities, Roads, Motor Vehicles, Tractors, and Residence of Farm Operators, by States: 1945—Continued

Division and State	Motor trucks on farms		Tractors on farms		Automobiles on farms		Farm operators reporting residence	
	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	On farm operated	Not on farm operated
United States	**1,299,350**	**1,490,300**	**2,002,662**	**2,421,747**	**3,630,433**	**4,148,275**	**5,459,841**	**336,893**
New England	**59,372**	**74,151**	**46,801**	**53,943**	**107,724**	**126,799**	**137,983**	**10,673**
Maine	15,229	17,849	12,937	14,794	27,223	30,095	38,775	2,860
N. Hampshire	7,486	9,191	5,386	6,094	13,195	14,987	17,304	1,319
Vermont	8,386	9,567	6,596	7,327	17,335	19,663	22,448	3,562
Massachusetts	14,589	18,751	12,075	14,026	28,505	32,901	34,648	2,001
Rhode Island	2,115	3,142	1,563	1,962	3,021	3,965	3,476	124
Connecticut	11,567	15,651	8,244	9,740	18,445	25,188	21,332	807
Middle Atlantic	**121,457**	**148,632**	**172,867**	**205,739**	**277,285**	**337,989**	**327,021**	**18,257**
New York	57,049	69,141	77,523	93,292	119,494	144,948	139,323	8,954
New Jersey	16,338	23,220	14,604	19,809	21,183	27,875	25,091	997
Pennsylvania	48,070	56,271	80,740	92,638	136,608	165,166	162,607	8,306
East North Central	**220,357**	**240,161**	**538,003**	**643,419**	**804,544**	**942,059**	**898,028**	**49,013**
Ohio	38,670	42,808	110,803	130,486	185,116	221,587	206,982	11,959
Indiana	35,260	38,411	89,458	105,263	146,130	165,796	165,681	8,712
Illinois	52,600	56,629	131,949	174,270	171,242	200,914	191,632	11,475
Michigan	37,304	41,303	96,452	110,120	149,348	172,655	164,054	10,071
Wisconsin	56,523	61,010	109,341	123,280	152,708	181,107	169,679	6,796
West North Central	**261,765**	**285,597**	**631,151**	**759,324**	**852,290**	**971,267**	**967,582**	**54,584**
Minnesota	44,170	47,413	128,706	152,555	166,273	191,691	178,878	7,601
Iowa	35,482	37,386	151,137	181,049	189,749	224,216	200,070	7,094
Missouri	44,241	47,225	67,533	76,110	156,285	165,243	226,317	14,186
North Dakota	32,494	36,674	56,619	73,984	59,463	69,235	62,404	6,465
South Dakota	20,487	22,230	52,070	62,772	59,752	68,717	64,209	3,933
Nebraska	30,792	33,761	81,448	96,203	100,928	118,572	105,439	5,767
Kansas	54,099	60,908	93,638	116,651	119,840	133,593	130,265	9,538
South Atlantic	**153,630**	**175,872**	**115,502**	**134,791**	**491,883**	**537,440**	**966,971**	**64,084**
Delaware	3,110	3,800	3,839	4,604	7,640	9,537	8,806	456
Maryland	16,080	19,197	15,968	18,789	31,953	41,485	38,414	2,601
Dist. of Columbia	24	35	12	21	20	22	27	8
Virginia	27,966	31,956	20,418	23,418	83,037	94,413	162,179	9,935
West Virginia	14,843	16,285	6,358	6,863	37,670	40,477	91,260	5,824
North Carolina	30,489	32,924	28,482	31,189	143,666	152,109	267,561	16,164
South Carolina	13,296	15,348	10,366	12,447	73,515	77,576	136,520	9,424
Georgia	31,250	34,688	20,551	24,648	86,062	90,100	211,024	10,382
Florida	16,572	21,639	9,508	12,812	28,320	31,721	51,180	9,290
East South Central	**97,566**	**105,736**	**73,558**	**86,598**	**293,201**	**309,744**	**900,120**	**43,629**
Kentucky	25,175	27,194	22,367	24,409	95,883	102,997	220,054	16,325
Tennessee	24,659	26,326	21,892	24,052	86,355	91,392	220,632	11,490
Alabama	21,939	23,949	14,688	17,060	56,187	58,449	211,266	7,797
Mississippi	25,793	28,267	14,611	21,077	54,776	56,906	248,168	8,017
West South Central	**168,660**	**187,775**	**222,208**	**276,943**	**424,928**	**454,759**	**816,564**	**51,729**
Arkansas	30,304	33,134	18,599	26,537	51,538	53,925	186,831	8,803
Louisiana	18,637	20,974	11,433	17,630	37,327	40,651	122,836	4,630
Oklahoma	40,910	44,381	60,945	70,395	95,225	100,584	154,569	8,240
Texas	78,809	89,286	131,231	162,381	240,838	259,599	352,328	30,056
Mountain	**98,600**	**118,528**	**94,251**	**120,455**	**149,393**	**174,399**	**190,485**	**20,085**
Montana	23,661	29,388	24,317	31,725	27,647	31,569	34,030	3,397
Idaho	16,576	19,096	17,263	20,299	31,601	35,802	38,211	2,844
Wyoming	7,424	8,917	7,444	9,855	9,551	11,445	12,165	831
Colorado	24,057	28,794	25,386	32,766	37,037	44,529	43,813	3,375
New Mexico	10,256	11,902	8,431	10,735	13,608	15,351	27,275	2,200
Arizona	5,008	6,859	3,833	6,372	8,966	12,356	11,426	1,451
Utah	9,720	10,969	6,313	6,876	18,680	20,303	20,554	5,599
Nevada	1,898	2,603	1,264	1,827	2,303	3,044	3,011	388
Pacific	**117,943**	**153,848**	**108,321**	**140,535**	**229,185**	**293,819**	**255,087**	**24,839**
Washington	32,730	40,034	27,768	32,050	63,713	74,205	76,222	3,150
Oregon	23,253	28,118	24,183	28,646	50,840	59,362	59,526	3,292
California	61,960	85,696	56,370	79,839	114,632	160,252	119,339	18,397

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 709.—Farm Machinery and Equipment: 1930 to 1949

[**Money figures in millions.** See also *Historical Statistics*, series E 105-110]

ITEM	1930	1935	1940	1945	1946	1947	1948 [1]	1949 [1]
Value of farm implements and machinery	$3,302	$2,153	$3,060	$6,034	$5,994	$6,628	$8,987	$11,033
Tractors on farms, Jan. 1 (1,000)	920	1,048	1,545	2,422	2,585	2,800	3,150	3,500
Sales of farm equipment, machinery, and parts [2]	$346.7	$272.3	$429.5	$612.6	$763.2	$1,132.7	$1,478.2	(3)
Farmers' expenditures:								
Motor vehicles	$289	$297	$429	$403	$612	$1,061	$1,381	(3)
Machinery and equipment	$324	$235	$377	$749	$865	$1,262	$1,584	(3)

[1] Preliminary.
[2] For use in United States from domestic manufacture; from Bureau of Census, Facts for Industry Series M35A.
[3] Not available.

Source: Department of Agriculture, Bureau of Agricultural Economics (except as noted).

No. 710.—Fertilizer Consumption: 1880 to 1948:

[In thousands of tons of 2,000 pounds. Based on tag sales, records of Government officials, or estimates. Beginning 1935, figures include tonnage distributed by Agricultural Adjustment Administration and by Tennessee Valley Authority, data for the latter representing fiscal years ending June 30. Data for phosphate rock used in Illinois and Florida, available only since 1939, have been excluded from annual comparisons. In addition to tonnage for consumption, fertilizers and fertilizer materials produced in continental U. S. are exported to island possessions]

YEAR	Quantity	YEAR	Quantity	YEAR	Quantity	YEAR	Quantity
1880	1,150	1919	6,626	1930	8,222	1941	9,183
1890	1,950	1920	7,177	1931	6,354	1942	9,949
1900	2,200	1921	4,863	1932	4,385	1943	11,463
1910	5,453	1922	5,671	1933	4,908	1944	12,055
1912	5,767	1923	6,445	1934	5,583	1945	13,202
1913	6,337	1924	6,826	1935	6,276	1946	14,874
1914	7,100	1925	7,334	1936	6,931	1947	15,039
1915	5,324	1926	7,329	1937	8,226	1948	15,956
1916	5,125	1927	6,844	1938	7,548		
1917	5,926	1928	7,986	1939	7,707		
1918	6,467	1929	8,012	1940	8,249		

Source: The National Fertilizer Association, Washington, D. C. Published in The Fertilizer Review.

No. 711.—Farmers' Marketing and Purchasing Associations—Number, Membership, and Business, by Commodity Groups: 1946–47 and 1947–48

[See headnote, table 712]

COMMODITY GROUP	ASSOCIATIONS LISTED		ESTIMATED MEMBERSHIP [1]		ESTIMATED BUSINESS [2] ($1,000)	
	1946–47	1947–48	1946–47	1947–48	1946–47	1947–48
Total	**10,125**	**10,135**	**5,436,000**	**5,890,000**	**7,116,000**	**8,635,000**
Cotton and products	525	514	284,000	285,000	233,700	298,000
Dairy products	2,132	2,091	746,000	788,000	1,746,000	1,956,000
Fruits and vegetables	937	929	168,000	176,000	826,000	742,000
Grain, dry beans, rice	2,224	2,233	602,000	682,000	1,918,000	2,390,000
Livestock	572	552	860,000	905,000	790,000	1,180,000
Nuts	41	40	65,000	98,000	59,000	100,600
Poultry and eggs	148	143	127,000	131,000	225,000	275,000
Tobacco	15	16	239,800	298,000	70,400	121,000
Wool and mohair	127	123	109,000	108,000	34,000	35,000
Miscellaneous marketing	547	518	177,200	159,000	102,900	97,400
Purchasing	2,857	2,976	2,058,000	2,260,000	1,111,000	1,440,000

[1] See note 2, table 712. [2] See note 3, table 712.

Source: Department of Agriculture, Farm Credit Administration; annual report, Statistics of Farmers' Marketing and Purchasing Cooperatives.

No. 712.—Farmers' Marketing and Purchasing Associations—Number, Membership, and Business: 1913 to 1948

[Comprises independent local associations, federations, large-scale centralized associations, sales agencies, independent service-rendering associations, and subsidiaries whose businesses are distinct from those of parent organizations. Estimates based on reports received from association officers]

Period [1]	Associations listed			Estimated membership [2]			Estimated business ($1,000) [3]		
	Total	Marketing	Purchasing	Total	Marketing	Purchasing	Total	Marketing	Purchasing
1913	3,099	2,988	111				310,313	304,385	5,928
1915	5,424	5,149	275	651,186	591,683	59,503	635,839	624,161	11,678
1921	7,374	6,476	898				1,256,214	1,198,493	57,721
1925–26	10,803	9,586	1,217	2,700,000	2,453,000	247,000	2,400,000	2,265,000	135,000
1929–30	12,000	10,546	1,454	3,100,000	2,630,000	470,000	2,500,000	2,310,000	190,000
1930–31	11,950	10,362	1,588	3,000,000	2,608,000	392,000	2,400,000	2,185,000	215,000
1931–32	11,900	10,255	1,645	3,200,000	2,667,000	533,000	1,925,000	1,744,000	181,000
1932–33	11,000	9,352	1,648	3,000,000	2,457,300	542,700	1,340,000	1,199,500	140,500
1933–34	10,900	9,052	1,848	3,156,000	2,464,000	692,000	1,365,000	1,213,000	152,000
1934–35	10,700	8,794	1,906	3,280,000	2,490,000	790,000	1,530,000	1,343,000	187,000
1935–36	10,500	8,388	2,112	3,660,000	2,710,000	950,000	1,840,000	1,586,000	254,000
1936–37	10,743	8,142	2,601	3,270,000	2,414,000	856,000	2,196,000	1,882,600	313,400
1937–38	10,900	8,300	2,600	3,400,000	2,500,000	900,000	2,400,000	2,050,000	350,000
1938–39	10,700	8,100	2,600	3,300,000	2,410,000	890,000	2,100,000	1,765,000	335,000
1939–40	10,700	8,051	2,649	3,200,000	2,300,000	900,000	2,087,000	1,729,000	358,000
1940–41	10,600	7,943	2,657	3,400,000	2,420,000	980,000	2,280,000	1,911,000	369,000
1941–42	10,550	7,824	2,726	3,600,000	2,430,000	1,170,000	2,840,000	2,360,000	480,000
1942–43	10,450	7,708	2,742	3,850,000	2,580,000	1,270,000	3,780,000	3,180,000	600,000
1943–44	10,300	7,522	2,778	4,250,000	2,730,000	1,520,000	5,160,000	4,430,000	730,000
1944–45	10,150	7,400	2,750	4,505,000	2,895,000	1,610,000	5,645,000	4,835,000	810,000
1945–46	10,150	7,378	2,772	5,010,000	3,150,000	1,860,000	6,070,000	5,147,000	923,000
1946–47	10,125	7,268	2,857	5,436,000	3,378,000	2,058,000	7,116,000	6,005,000	1,111,000
1947–48	10,135	7,159	2,976	5,890,000	3,630,000	2,260,000	8,635,000	7,195,000	1,440,000

[1] Represents marketing season during which farm products of a specified year are moved into channels of trade. Marketing seasons overlap.

[2] For years since about 1935, comprises members, contract members, and shareholders, but excludes patrons not in these categories.

[3] Includes value of commodities sold or purchased for patrons and charges for rendering other essential services either in marketing or purchasing. Most duplication in value arising from intra-association transactions has been eliminated.

No. 713.—Farmers' Marketing and Purchasing Associations—Number, Membership, and Business, by States: 1947–48

[See headnote, table 712]

Division and state	Associations listed	Estimated membership [1]	Estimated business ($1,000) [2]
United States	**10,135**	**5,890,000**	**8,635,000**
New England	**148**	**136,460**	**280,160**
Maine	30	8,410	30,400
New Hampshire	11	4,570	19,950
Vermont	37	12,800	34,900
Massachusetts	36	100,400	163,470
Rhode Island	3	1,540	2,850
Connecticut	31	8,740	28,590
Middle Atlantic	**642**	**330,880**	**721,020**
New York	392	181,340	457,990
New Jersey	60	33,160	84,590
Pennsylvania	190	116,380	178,440
East North Central	**2,257**	**1,570,110**	**2,150,240**
Ohio	307	271,820	473,900
Indiana	170	258,520	354,030
Illinois	598	541,870	656,860
Michigan	248	163,700	239,780
Wisconsin	934	334,200	425,670
West North Central	**3,976**	**1,826,380**	**2,663,310**
Minnesota	1,309	601,800	771,080
Iowa	733	318,400	520,420
Missouri	281	300,630	324,400
North Dakota	577	184,400	279,130
South Dakota	305	124,200	167,620
Nebraska	430	188,500	299,600
Kansas	341	108,450	301,060
South Atlantic	**482**	**676,710**	**478,940**
Delaware	12	6,990	4,750
Maryland	61	39,700	44,680
District of Columbia	1	1,500	23,200
S. Atlantic—Continued			
Virginia	132	235,900	114,540
West Virginia	47	27,330	6,450
North Carolina	46	199,450	138,340
South Carolina	24	9,520	7,480
Georgia	66	149,400	63,600
Florida	93	6,920	75,900
East South Central	**341**	**440,980**	**201,390**
Kentucky	72	159,690	51,280
Tennessee	87	156,350	39,850
Alabama	69	67,660	20,140
Mississippi	113	57,280	90,120
West South Central	**883**	**343,230**	**631,400**
Arkansas	100	15,990	51,160
Louisiana	60	11,840	36,830
Oklahoma	200	146,300	208,450
Texas	523	169,100	334,960
Mountain	**571**	**271,770**	**418,790**
Montana	184	44,700	78,100
Idaho	122	73,800	85,660
Wyoming	27	11,620	17,600
Colorado	117	57,500	99,720
New Mexico	27	7,330	11,470
Arizona	14	43,490	11,730
Utah	73	32,720	113,480
Nevada	7	610	1,030
Pacific	**835**	**293,480**	**1,089,750**
Washington	199	104,340	262,270
Oregon	153	82,000	145,540
California	483	107,140	681,940

[1] See note 2, table 712. [2] See note 3, table 712.

Source of tables 712 and 713: Department of Agriculture, Farm Credit Administration; annual report, Statistics of Farmers' Marketing and Purchasing Cooperatives.

No. 714.—Farms and Farm Property—Summary for Alaska, Hawaii, Puerto Rico, Virgin Islands, and Guam

[Figures are as of Apr. 1 except for Alaska, which are as of Oct. 1]

Item	Alaska		Hawaii		Puerto Rico	
	1929	1939	1930	1940	1930	1940
Number of farms, total	**500**	**623**	**5,955**	**4,995**	**52,965**	**55,519**
Operated by owners	330	471	1,437	1,345	43,101	42,990
Full owners	(1)	397	1,078	956	40,480	40,622
Part owners	(1)	74	359	389	2,621	2,368
Operated by managers	39	27	203	123	3,374	1,303
Operated by tenants	131	125	4,315	3,527	6,490	11,226
Land in farms, total [2]	**525,942**	**1,775,752**	**2,815,026**	**2,485,648**	**1,979,474**	**1,885,874**
Operated by owners	63,626	51,566	740,555	490,396	1,166,976	1,072,144
Full owners	(1)	43,522	61,398	41,966	1,040,161	931,931
Part owners	(1)	8,044	679,157	448,430	126,815	140,213
Operated by managers	176,474	526,619	1,463,744	1,882,113	676,760	573,699
Operated by tenants	285,842	1,197,567	610,727	113,139	135,738	240,031
Number of farms, by size:[2]						
Under 10 acres or cuerdas	88	75	3,407	2,870	26,520	29,370
10 to 19 acres or cuerdas	23	24	1,146	952	11,067	11,288
20 to 49 acres or cuerdas	36	86	905	739	8,835	8,575
50 to 99 acres or cuerdas	37	117	196	163	3,351	3,200
100 to 174 acres or cuerdas	156	190	83	60	1,570	1,504
175 to 259 acres or cuerdas	17	26	43	40	674	646
260 to 499 acres or cuerdas	71	45	33	36	581	594
500 acres or cuerdas and over	72	60	142	135	367	342
Land in farms, by size of farm:[2]						
Under 10 acres or cuerdas	233	307	13,627	11,344	131,432	145,438
10 to 19 acres or cuerdas	315	306	15,371	12,892	147,503	151,510
20 to 49 acres or cuerdas	1,284	3,288	26,842	23,030	264,712	258,563
50 to 99 acres or cuerdas	2,631	8,403	13,048	11,278	226,464	215,540
100 to 174 acres or cuerdas	23,630	28,295	10,385	7,579	201,928	191,678
175 to 259 acres or cuerdas	3,602	5,459	9,025	8,475	143,884	135,568
260 to 499 acres or cuerdas	24,130	15,041	11,518	12,955	196,061	206,789
500 acres or cuerdas and over	470,117	1,714,653	2,715,210	2,398,145	667,490	580,788
Value of farm property ($1,000):						
Land and buildings	2,857	3,841	111,780	112,788	182,112	173,863
Buildings	1,206	2,140	17,423	17,829	16,948	16,556
Implements and machinery	453	377	14,158	13,805	4,617	8,445

Item	Virgin Islands		Guam, 1940 [3]
	1930	1940	
Number of farms, total	**329**	**828**	**2,450**
Operated by owners	177	540	1,189
Full owners	146	498	(1)
Part owners	31	42	(1)
Operated by managers	59	58	----------
Operated by tenants	93	230	----------
Operated by lessees, renters, and borrowers (squatters)	----------	----------	1,261
Land in farms, total	**68,322**	**455,219**	**59,533**
Operated by owners	37,190	24,107	37,120
Full owners	28,585	22,623	(1)
Part owners	8,605	1,484	(1)
Operated by managers	29,039	24,782	----------
Operated by tenants	2,093	6,330	----------
Operated by lessees, renters, and borrowers (squatters)	----------	----------	22,413
Number of farms, by size:			
Under 10 acres	122	504	1,359
10 to 19 acres	34	145	436
20 to 49 acres	35	53	486
50 to 499 acres	96	96	159
500 acres and over	42	30	10
Land in farms, by size of farm:			
Under 10 acres	560	2,764	5,656
10 to 19 acres	483	1,816	5,671
20 to 49 acres	1,043	1,526	14,130
50 to 499 acres	23,249	20,092	16,794
500 acres and over	42,987	29,021	17,282
Value of farm property ($1,000):			
Land and buildings	2,401	2,399	(1)
Buildings	666	771	(1)
Implements and machinery	73	113	(1)

American Samoa			
Number of farms, 1930	815	Farms operated by owners, 1940	709
Number of farms, 1940	1,038		

[1] Data not available.
[2] For Alaska and Hawaii, figures are for acres; for Puerto Rico, cuerdas. A cuerda is equivalent to 0.9712 acre.
[3] Number of farms reported for 1930, 2,104; no other data available.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Territories and Possessions.

25. Agriculture—Production and Related Subjects

The data in this section are, for the most part, from the Bureau of the Census, Department of Commerce, and from various bureaus in the United States Department of Agriculture. In general, statistics for agriculture census years are from the Bureau of the Census. Estimates for intervening years, and adjustments, where necessary, to a January 1 basis are from the Bureau of Agricultural Economics, United States Department of Agriculture.

The most extensive of the current survey data are gathered by the Bureau of Agricultural Economics from questionnaires handled in cooperation with the Post Office Department through its rural mail carriers. These surveys obtain livestock data in June and December and crop acreage data in October. For each survey the rural carrier distributes 10 to 20 cards to farmers on his route. The farmer is asked to complete his questionnaire for his own farm and return the card to his mail box.

In the data prepared by the Bureau of Agricultural Economics, estimates of crop acreage and production for the census years are set up currently on available information. Later, if necessary, these data are revised to a level based largely on the census enumerations. The estimates for intercensal years are based on sample data obtained each year from individual reporters. This information is supplemented by other data, such as State assessors' enumerations of agricultural information, crop meter frontage measurements, reports of carlot shipments, warehouse receipts, local surveys, personal observations by field statisticians as well as reports from other sources having a knowledge of farming, agricultural production, and processing. Cotton acreage and production are also based on sample data and, in large measure, on ginning information gathered by the Bureau of the Census. Usually, all known sources of information pertaining to agriculture in general, from the farm to the consumer's household are tapped for basic facts used in compiling current statistics on agriculture.

For each decade from 1840 through 1900, the Census of Agriculture was taken as of June 1. The four decennial censuses since then have been taken as of April 15, 1910; January 1, 1920; April 1, 1930; and April 1, 1940. The 1925, 1935, and 1945 quinquennial Censuses of Agriculture were taken as of January 1. Comparison of inventory numbers of livestock from census to census is seriously affected by a change in the date of enumeration. From January to April there are material changes in numbers on hand in most parts of the country due to births, marketings, farm slaughter, etc. In an effort to obtain as much comparability as possible the 3 censuses taken in April either excluded recently born animals from the enumeration or provided for their enumeration in a separate age group. Volume II of the 1945 Census of Agriculture Reports shows a complete history of the enumeration of livestock and presents a discussion of the comparability from census to census.

For most kinds of domestic livestock, there are comparatively short, cyclic fluctuations in numbers, even though the trend over a long period of time may be definitely in one direction. A single census may be taken at a time when such a cycle is at the peak or at the trough of numbers and hence gives no true indication of the long-time trend.

Annual inventory numbers of livestock on farms prepared by the Department of Agriculture together with estimates of livestock, dairy, and poultry production are based on information furnished by individual farmers, supplemented by State assessors' data in a number of States, and by such records as brand inspections, rail and truck shipments, and inspected slaughter. The level for these inventories is based in large part on census enumerations for years when census data are available.

Information on prices received by farmers for products they sell and prices paid for articles they buy for production and family living are obtained from about 35,000 farmers, local merchants, and handlers of agricultural products. Season average prices received by farmers are calculated by weighting midmonth prices by monthly sales during the crop marketing season, beginning with the first month when a particular crop harvest begins.

The index numbers of prices received and of prices paid by farmers are based on current midmonth prices for these commodities. For information concerning methods of construction of the indexes, see Supplement No. 1 to the January 1950 issue of *Agricultural Prices*, issued by the Bureau of Agricultural Economics. The ratio of the index of prices received to the index of prices paid by farmers measures the monthly variation in the average per unit exchange value of farm products in terms of commodities and services bought by farmers. See tables 692 and 693, p. 582, for indexes of prices received and paid by farmers.

Data on imports and exports are now compiled by the Department of Commerce, Bureau of the Census, and are published in the annual report, *Foreign Commerce and Navigation of the United States.* (See section 31, Foreign Commerce.) The official trade statistics based on the fiscal year are usually preferable to data presented on a calendar year basis, for use in comparing imports and exports with crop production since, for most crops, they coincide more nearly with the crop year.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series E 72") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945.* In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 715.—Farm Production—Indexes of Volume, by Major Groups of Products: 1934 to 1949

[1935-39=100. Indexes based on estimates of production for sale and for consumption in farm homes. Excludes products fed to livestock or used for seed. Calendar year production of livestock and livestock products is compared with crop production of same year. Commodities covered by index contributed about 93 percent of gross farm income during 1935-39. See also *Historical Statistics*, series E 72, for index of all groups]

Year	All groups	Crops						Livestock and livestock products			
		Total [1]	Food grains	Fruits and nuts	Vegetables except truck crops	Truck crops	Cotton and cottonseed	Total [2]	Meat animals	Dairy products	Poultry and eggs
1934	93	72	64	86	101	88	74	106	117	98	96
1935	91	89	81	95	104	92	81	93	90	98	92
1936	94	82	79	81	88	96	95	101	103	99	99
1937	106	117	115	113	107	102	144	98	96	99	101
1938	103	105	124	100	102	104	91	102	102	102	101
1939	106	107	101	111	99	106	89	106	109	102	108
1940	110	107	110	110	101	111	95	112	118	105	112
1941	113	110	131	113	100	116	83	115	117	110	120
1942	124	121	139	116	104	129	98	127	131	114	139
1943	129	114	116	108	125	124	87	139	149	113	162
1944	137	128	148	123	106	137	94	143	155	115	166
1945	134	122	155	113	110	142	68	141	147	119	170
1946	137	135	164	133	128	158	66	138	145	119	160
1947	136	136	197	129	107	141	93	137	145	117	157
1948	139	154	190	127	123	144	117	130	134	114	153
1949 (prel.)	139	148	165	135	115	144	126	134	136	117	163

[1] Includes following groups, not shown separately: Feed grains and hay, oilbearing crops, tobacco, sugar crops.
[2] Includes wool and mohair in addition to products included in groups shown.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics.

No. 716.—Acreage Losses—Estimated Acreages of Certain Crops Planted and Not Harvested: 1929 to 1949

[In thousands of acres. Acreages for winter wheat represent acres sown preceding fall and not harvested, thus including considerable land subsequently planted to other crops. Acreages for cotton include more than 10 million acres plowed under in 1933. Totals do not show total crop losses chiefly because of large acreage of hay land which produced only pasturage in some dry seasons]

Year	Total [1]	Corn	Winter wheat	All spring wheat	Oats	Barley	Sorghums	Flaxseed	Cotton	Beans, dry edible	Other crops [2]
1929	7,732	1,325	2,904	881	2,381	1,139	452	337	1,216	79	226
1930	9,654	2,450	4,137	785	2,761	952	585	701	885	106	225
1931	14,771	2,498	2,427	6,332	4,290	2,639	404	1,342	406	198	211
1932	13,677	2,447	7,527	903	3,849	1,349	912	732	603	194	179
1933	42,274	3,912	14,454	5,131	7,246	4,559	814	496	10,865	166	190
1934	44,228	8,370	10,153	10,564	11,012	5,447	2,888	607	994	524	462
1935	25,840	4,000	13,834	4,472	3,490	1,520	1,872	293	554	222	204
1936	46,394	8,805	12,042	12,803	8,280	4,508	2,593	1,447	872	324	349
1937	24,569	3,244	10,770	5,875	4,285	2,377	1,260	403	467	216	213
1938	15,821	2,313	6,897	2,887	3,348	1,561	1,289	127	770	116	214
1939	20,761	3,360	8,473	1,660	4,743	2,774	2,184	168	878	197	237
1940	16,320	2,263	7,441	1,106	3,884	2,164	1,838	182	1,010	176	237
1941	12,344	1,480	6,267	505	3,680	1,581	895	196	894	231	252
1942	12,013	1,451	2,835	392	4,821	2,728	1,078	290	700	177	265
1943	13,764	2,281	3,952	677	4,553	2,574	1,313	491	290	237	296
1944	12,630	1,461	5,696	745	4,132	2,036	420	277	339	159	263
1945	10,399	1,648	3,426	584	3,956	1,253	1,161	168	503	171	257
1946	9,757	1,299	3,845	616	3,344	1,116	915	209	575	81	214
1947	9,627	2,176	3,298	482	3,850	1,088	416	131	231	80	221
1948	11,389	761	5,356	551	4,328	1,241	628	142	342	54	193
1949	13,327	1,175	6,919	1,261	3,965	1,329	264	319	461	48	169

[1] Excludes grains cut for hay.
[2] Includes rice, buckwheat, potatoes, sweetpotatoes, sugar beets, and dry field peas.

Source: Department of Agriculture, Bureau of Agricultural Economics; published in Crops and Markets and in annual summary, Acreage, Yield, and Production of Principal Crops.

No. 717.—Agricultural Products Exported—Value, by Major Groups: 1921 to 1949

[In millions of dollars. Excludes reexports of foreign products]

PERIOD	Total agricultural exports	Animals and products, edible	Dairy products and eggs	Grains and preparations	Vegetables, fruits, and nuts	Miscellaneous animal and vegetable products	Cotton	Tobacco
1921–1925, average	2,013.2	283.2	38.8	474.3	102.0	145.3	805.0	164.6
1926–1930, average	1,691.6	189.8	23.6	318.6	144.3	105.1	765.7	144.5
1931–1935, average	731.7	63.9	6.9	55.4	94.4	40.8	366.5	103.7
1936–1940, average	701.2	44.6	8.6	104.6	91.4	59.2	282.9	109.8
1941–1945, average	1,654.4	490.7	376.6	174.0	170.7	153.0	151.7	137.7
1943	2,074.2	761.8	457.0	125.3	158.3	217.2	184.2	170.3
1944	2,096.3	700.1	563.6	150.6	232.0	189 0	114.6	146.4
1945	2,253.9	397.4	425.2	444.2	282.8	186.8	278.7	238.8
1946	3,139.0	446.6	450.2	788.8	314.6	250.5	538.2	351.2
1947	3,130.9	234.4	338.7	1,242.5	321.9	299 4	423.2	270.7
1948 [1]	3,419.9	136.3	255.9	1,704.7	350.1	247.5	511.0	214.5
1949 [1]	3,576.0	149.1	200.5	1,456.0	243.5	400.8	874.2	251.9

[1] Effective 1948, includes shipments under Army Civilian Supply Program.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the U. S., and records.

No. 718.—Agricultural Products Exported—Value of Chief Products: 1921 to 1949

[In millions of dollars. Excludes reexports of foreign products]

PRODUCTS	1921–1925, average	1926–1930, average	1931–1935, average	1936–1940, average	1941–1945, average	1946	1947	1948 [2]	1949 [2]
Total	2,013.2	1,691.6	731.7	701.2	1,654.4	3,139.9	3,130.9	3,419.9	3,576.0
Live animals	10.0	5.8	1.5	1.8	3.5	28.4	11.2	7.2	7.0
Meats	133.2	71.4	23.7	21.3	373.2	335.7	114.4	47.8	42.0
Eggs and dairy products	38.8	23.6	6.9	8.6	376.6	450.2	338.7	255.9	200.5
Animal fats and oils	144.1	116.1	37.0	18.2	109.2	95.3	111.4	89.0	134.0
Hides and skins	7.6	9.0	3.2	4.5	1.1	11.8	22.6	11.6	21.1
Bread grains [1]	363.9	248.5	40.4	58.6	112.6	633.4	894.0	1,420.9	1,024.2
Coarse grains	97.0	59.0	9.3	38.8	30.5	92.0	254.5	188.0	341.2
Rice	11.9	10.8	4.7	6.9	30.2	61.5	92.1	85.9	90.1
Fodders and feeds	26.7	27.2	9.3	9.5	3.9	4.9	26.5	14.1	33.0
Vegetables	16.4	18.7	8.0	13.2	59.0	75.2	94.4	82.0	62.0
Fruits and preparations	81.5	120.8	83.2	74.0	83.8	153.3	160.1	113.4	100.9
Vegetable oils (expressed), oilseeds, and nuts	18.8	12.1	6.5	11.3	46.1	55.1	98.3	166.7	239.6
Coffee and substitutes	6.5	4.9	1.9	2.2	1.2	9.1	6.9	7.6	7.3
Sugar and related products	48.1	13.9	4.8	8.1	26.8	45.8	33.4	16.1	8.5
Seeds, except oilseeds	3.8	3.5	1.9	2.5	13.0	23.7	19.2	13.0	12.0
Tobacco	164.6	144.5	103.7	109.8	137.7	351.2	270.7	214.5	251.9
Cotton	805.0	765.7	366.5	282.9	151.7	538.2	423.2	511.0	874.2
Wool and hair	1.6	2.3	1.5	2.1	6.8	9.8	8.5	3.6	16.4
All other	33.6	33.9	17.6	27.1	87.5	165.4	150.3	162.8	110.3

[1] Wheat and rye; flour and flour products.
[2] Effective 1948, includes shipments under Army Civilian Supply Program.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the U. S., and records.

No. 719.—Agricultural Products Exported—Indexes of Quantity: 1938 to 1949

[January 1924-December 1929=100. Average of monthly index not adjusted for seasonal variation]

YEAR ENDING JUNE 30—	Total [1]	Cotton, including linters	Agricultural, except cotton	Tobacco, unmanufactured	Fruits	Wheat and flour	Other grains	Cured pork	Lard, including neutral
1938	70	70	70	94	114	58	141	16	24
1939	57	43	70	95	137	63	95	21	30
1940	63	77	50	67	88	29	58	17	33
1941	25	15	34	35	38	22	46	7	24
1942	49	14	82	61	62	19	51	70	84
1943	55	15	92	62	52	18	36	81	70
1944	67	15	115	74	70	27	39	75	106
1945	64	20	105	97	69	31	49	38	109
1946	96	43	146	110	75	175	70	6	57
1947 [2]	100	46	150	122	99	201	168	8	41
1948 [2]	90	24	151	83	89	266	109	2	43
1949 [2]	109	56	158	92	66	278	165	4	62

[1] Based on data for 74 agricultural export classifications.
[2] Beginning January 1947, includes exports under the Army Civilian Supply Program.

Source: Department of Agriculture, Office of Foreign Agricultural Relations; annual report, Agricultural Statistics. Compiled from official records of Bureau of Census.

No. 720.—Agricultural Products Imported—Value, by Major Groups: 1926 to 1949

[In millions of dollars. General imports through 1932, imports for consumption thereafter. Excludes distilled liquors and candy]

GROUP	1926–30, average	1931–35, average	1936–40, average	1941–45, average	1946	1947	1948	1949
Agricultural imports, [1] total			**1,249.1**	**1,596.7**	**2,297.5**	**2,754.2**	**3,150.3**	**2,897.6**
Commodities listed, total	**2,010.6**	**822.3**	**1,177.9**	**1,528.0**	**2,153.2**	**2,628.1**	**3,003.8**	**2,770.5**
Animals and products, edible	50.1	16.1	45.7	52.4	49.2	37.1	169.4	135.9
Dairy products and eggs	38.2	14.2	14.2	5.8	11.8	7.0	14.8	21.1
Hides and skins, except reptile	116.9	38.6	50.1	66.2	71.0	83.8	105.5	70.0
Animal fats, inedible	2.1	3.5	1.1	2.7	.3	.2	.2	.8
Grains and preparations	24.5	28.2	44.3	112.3	24.8	6.5	28.9	75.3
Fodders and feeds	14.8	6.7	11.3	16.4	26.5	12.6	18.9	24.0
Vegetables, fruits, nuts	125.5	66.3	79.3	93.0	195.2	188.7	220.7	198.8
Vegetable oils (expressed) and oilseeds	147.9	71.7	112.9	84.4	126.2	256.7	254.4	166.7
Cocoa, coffee, tea, spices	373.4	188.4	204.1	347.5	593.1	819.6	970.6	1,008.0
Sugar and related products	222.2	122.0	152.1	207.6	215.5	440.4	359.1	396.1
Beverages, excluding spirits	.8	6.1	11.4	14.0	31.0	13.2	16.6	18.0
Crude rubber	294.4	74.6	206.3	151.8	235.7	318.2	309.2	240.3
Tobacco, unmanufactured	57.0	27.1	34.3	50.5	85.9	90.7	77.6	73.2
Cotton, unmanufactured	42.7	7.4	11.4	20.2	50.0	48.3	42.0	22.8
Wool and mohair, unmanufactured	78.8	18.7	61.3	247.9	289.4	208.9	307.6	224.0
Raw silk	368.2	115.1	108.7	12.6	101.2	15.7	15.4	7.3
Vegetable fibers, except cotton and silk	52.8	17.8	29.4	42.6	46.4	80.5	92.9	88.1

[1] Value of total agricultural imports not available on calendar year basis prior to 1934.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the U. S., and records.

No. 721.—Agricultural Products Imported—Indexes of Quantity: 1938 to 1949

[January 1924–December 1929=100. Average of monthly index not adjusted for seasonal variation]

YEAR ENDING JUNE 30—	Total [1]	Complementary [2]	Supplementary [2]	Wool (excl. free for carpets)	Hides and skins	Dairy products	Sugar	Vegetable oils and oilseeds	Grains, grain products, and feeds	Tobacco, leaf
1938	92	102	80	30	50	52	73	124	145	66
1939	91	102	77	46	71	50	66	116	79	75
1940	102	113	87	112	76	51	82	103	111	75
1941	128	146	104	328	104	22	89	93	118	79
1942	102	100	104	389	116	32	62	98	119	77
1943	78	44	122	898	103	36	48	43	220	92
1944	89	61	125	488	70	21	82	57	805	80
1945	84	67	106	382	57	5	90	53	445	86
1946	86	79	94	561	47	17	52	42	123	84
1947	102	104	98	457	53	25	72	81	38	100
1948	100	110	87	296	62	16	80	72	15	80
1949	100	114	83	179	42	23	76	62	124	92

[1] Based on data for 122 agricultural import classifications.

[2] Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, teas, and spices.

Source: Department of Agriculture, Office of Foreign Agricultural Relations; annual report, Agricultural Statistics. Compiled from official records of Bureau of the Census and Tariff Commission.

No. 722.—Agricultural Products—Exports and Imports: 1857 to 1949

[All figures, except percentages, in thousands of dollars. Crude rubber and similar gums (now mainly plantation products) are included in agricultural products]

YEARLY AVERAGE OR YEAR ENDING JUNE 30—	AGRICULTURAL EXPORTS [1] (EXCL. FOREST PRODUCTS)			AGRICULTURAL IMPORTS [1 4] (EXCL. FOREST PRODUCTS)	
	Domestic products		Foreign products (reexports)	Total	Percent of all imports
	Total [2]	Percent of all exports [3]			
1857–1861	213, 794	80. 4	10, 175	117, 600	37. 1
1862–1866	146, 867	74. 7	9, 158	122, 350	43. 0
1867–1871	249, 666	76. 6	8, 631	181, 057	42. 6
1872–1876	395. 964	78. 3	9, 014	266, 082	47. 0
1877–1881	589, 175	80. 1	8, 639	271, 910	51. 4
1882–1886	554, 631	75. 9	9, 724	322, 486	48. 4
1887–1891	571, 948	74. 6	7, 222	378, 393	49. 8
1892–1896	635, 815	72. 7	9, 353	413, 208	53. 5
1897–1901	825, 762	65. 8	12, 929	400, 955	53. 4
1902–1906	877, 708	59. 4	14, 488	523, 211	49. 7
1907–1911	973, 569	53. 8	16, 767	701, 134	49. 9
1912–1916	1, 254, 206	45. 1	27, 996	1, 023, 822	55. 4
1917–1921	2, 855, 982	42. 6	82, 666	2, 162, 428	61. 5
1922–1926	1, 950, 299	45. 9	58, 627	1, 981, 744	54. 3
1927–1931	1, 620, 818	35. 9	57, 773	1, 942, 881	51. 2
1932–1936	712, 828	36. 4	20, 284	872, 309	50. 9
1937–1941	678, 734	20. 3	32, 278	1, 280, 716	51. 0
1935	668, 713	32. 1	20, 262	933, 774	52. 2
1936	766, 303	32. 3	22, 474	1, 141, 191	51. 7
1937	732, 474	26. 2	25, 411	1, 536, 695	53. 1
1938	890, 771	26. 5	25, 023	1, 155, 136	49. 6
1939	682, 962	23. 7	19, 462	998, 648	48. 0
1940	737, 640	19. 7	48, 070	1, 238, 969	50. 6
1941	349, 821	8. 8	43, 425	1, 473, 661	52. 5
1942	1, 032, 276	16. 0	52, 431	1, 503, 110	49. 0
1943	1, 497, 020	14. 9	51, 865	1, 344, 262	44. 7
1944	2, 305, 250	15. 7	84, 147	1, 774, 149	46. 5
1945	2, 190, 634	17. 5	80, 750	1, 729, 170	43. 6
1946 (prel.)	2, 854, 304	33. 7	185, 639	1, 886, 699	44. 9
1947 (prel.)	3, 613, 003	28. 4	137, 075	2, 716, 433	50. 6
1948 (prel.)	3, 504, 574	25. 4	50; 974	2, 861, 836	45. 3
1949 (prel.)	3, 829, 323	30. 4	51, 636	3, 001, 230	43 0

[1] Excludes distilled liquor.

[2] Beginning Jan. 1, 1942, includes food exported for relief or charity; beginning Jan. 1, 1947, also includes exports under the Army Civilian Supply Program.

[3] Based on total exports of domestic merchandise.

[4] Imports for consumption beginning with 1934; general imports prior thereto.

Source: Department of Agriculture, Office of Foreign Agricultural Relations; annual report, Agricultural Statistics. Based on data compiled by Department of Commerce, Bureau of the Census.

No. 723.—Summary for Specified Crops—Acreage and Value of Production With Comparative Data for all Crops and Cropland Harvested: 1879 to 1944

[Minus sign (—) denotes decrease]

Crop and year	Acreage (thousands)			Value (thousands of dollars)			Average value per acre (dollars)
	Total	Increase		Total	Increase		
		Acres	Percent		Amount	Percent	
Cropland harvested:							
1919 [1]	[2] 348,604						
1924	344,549	−4,054	−1.2				
1929	359,242	14,693	4.3				
1934	295,624	−63,618	−17.7				
1939	321,242	25,618	8.7				
1944	352,866	31,623	9.8				
Specified crops, total:							
1929	356,205	[3]	[3]	[3]	[3]	[3]	[3]
1934	297,107	−59,098	−16.6	[3]	[3]	[3]	[3]
1939	316,546	19,439	6.5	5,644,454	[3]	[3]	17.83
1944	349,803	33,257	10.5	14,439,931	8,795,477	155.8	41.28
Field crops: [4]							
1919	344,967			[3]	[3]	[3]	[3]
1924	334,316	−10,651	−3.1	[3]	[3]	[3]	[3]
1929	346,939	12,624	3.8	[3]	[3]	[3]	[3]
1934	286,886	−60,053	−17.3	[3]	[3]	[3]	[3]
1939	308,148	21,262	7.4	4,715,813	[3]	[3]	15.30
1944	340,246	32,099	10.4	11,891,732	7,175,919	152.2	34.95
Vegetables: [4]							
1919	1,424			[3]	[3]	[3]	[3]
1929	2,812	1,387	97.4	[3]	[3]	[3]	[3]
1934	3,774	962	34.2	[3]	[3]	[3]	[3]
1939	3,053	−720	−19.1	410,916	[3]	[3]	----------
1944	4,370	1,317	43.1	1,032,626	621,710	151.3	----------
Fruits and nuts and horticultural specialties: [5]							
1929	6,454	[3]	[3]	[3]	[3]	[3]	[3]
1934	6,448	−6	−.1	[3]	[3]	[3]	[3]
1939	5,345	−1,102	−17.1	517,724	[3]	[3]	96.85
1944	5,187	−159	−3.0	1,515,572	997,848	192.7	292.21
All crops: [3]							
1879	166,187			[3]	[3]	[3]	[3]
1889	219,706	53,519	32.2	[3]	[3]	[3]	[3]
1899	283,218	63,513	28.9	2,888,050	[3]	[3]	10.20
1909	311,293	28,075	9.9	5,287,774	2,399,724	83.1	16.99
1919 [1]	348,604	37,310	12.0	14,646,178	9,358,404	177.0	42.01
1924	[3]	[3]	[3]	7,472,535	−7,173,643	−49.0	[3]
1929	[6] 358,068	[3]	[3]	8,223,515	750,980	10.0	22.97
1934	298,642	−59,425	−16.6	4,479,015	−3,744,500	−45.5	15.00
1939	[6] 319,124	20,482	6.9	5,705,464	1,226,449	27.4	17.88
Field crops: [4]							
1899	282,840			2,725,292			9.64
1909	309,913	27,073	9.6	4,942,666	2,217,374	81.4	15.95
1919 [1]	346,875	36,963	11.9	13,272,598	8,329,932	168.5	38.26
1929	348,783	1,908	0.6	6,900,096	−6,372,502	−48.0	19.78
1934	[7] 288,421	−60,362	−17.3	3,949,725	−2,950,371	−42.8	13.69
1939	310,546	22,125	7.7	4,763,656	813,931	20.6	15.34
Vegetables: [4]							
1909	1,009			[8] 65,749	[3]	[3]	----------
1919	1,424	415	41.1	534,436	[3]	[3]	----------
1929	2,812	1,387	97.4	522,010	−12,426	−2.3	----------
1934	3,774	962	34.2	[9] 137,029	[3]	[3]	----------
1939	3,053	−720	−19.1	410,916	[3]	[3]	----------
Fruits and nuts and horticultural specialties:							
1899	[10] 379			162,757			----------
1909	[10] 371	−7	−1.9	279,358	116,601	71.6	----------
1919	[10] 304	−67	−18.1	839,144	559,785	200.4	----------
1929	[11] 6,473	[3]	[3]	801,409	−37,735	−4.5	123.81
1934	[7] 6,448	−25	−.4	392,261	−409,148	−51.1	60.84
1939	5,525	−923	−14.3	530,892	138,631	35.3	96.09

[1] Excludes 14,503,000 acres of corn cut for fodder, valued at $206,935,000, probably duplicated in acreage of corn harvested for grain. 3,107,000 acres of mature crops hogged off (corn, velvetbeans, soybeans, peanuts, sweetpotatoes, etc.) also excluded.

[2] Total acreage of crops for which figures are available. [3] Not available, or data not comparable.

[4] Irish and sweet potatoes included with "field crops," not with "vegetables." Acreage of vegetables represents acres of vegetables harvested for sale only; acreage in farm gardens not available. Value includes both vegetables for home use and for sale.

[5] Excludes acreage of horticultural specialties (not available for 1944); value includes horticultural specialties.

[6] Excludes acreage for alfalfa, clover, and grass seeds harvested, probably duplicated in hay acreage.

[7] Only strawberries reported in small fruits; other small fruits included in field crops.

[8] Vegetables for sale. [9] Farm garden vegetables for home use only.

[10] Acreage in fruit orchards, vineyards, and planted nut trees not secured prior to 1930.

[11] Excludes acreage for horticultural specialties.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 724.—Crops—Acreage, Production, and Value, by Kind: 1939 and 1944

[Leaders indicate no data available. See also *Historical Statistics*, series E 181-243]

CROP	ACREAGE (THOUSANDS)		PRODUCTION (1,000 UNITS)			VALUE ($1,000)	
	1939	1944	Unit	1939	1944	1939	1944
Specified crops, harvested, total	316,546	349,803				5,644,454	14,439,931
Field crops, total [1]	308,148	340,246				4,715,813	11,891,732
Corn for all purposes [2]	86,990	92,259				1,475,004	3,291,109
Harvested for grain	77,432	84,349	Bushel	2,311,400	2,788,432	1,305,151	3,009,866
For purposes other than for grain	9,558	7,910				169,853	281,244
Sorghums for all purposes, except for sirup	13,998	17,224				104,272	306,980
Harvested for grain	4,693	9,061	Bushel	52,442	177,702	29,633	156,145
For purposes other than for grain and sirup	9,304	8,164				74,639	150,835
For hay or dry forage [3]	8,420	7,328	Ton	10,162	11,132	57,691	117,392
All wheat threshed [3]	50,526	58,286	Bushel	708,852	1,032,660	491,699	1,458,641
Winter wheat [3]	36,136	40,260	do	542,749	734,883	376,650	1,047,054
Spring wheat, including durum and macaroni [3]	14,390	18,027	do	166,103	297,777	115,049	411,587
Oats threshed or cut for feeding unthreshed [4]	32,307	39,612				289,072	804,872
Oats threshed	29,933	35,425	Bushel	870,258	1,041,112	269,694	721,162
Oats cut for feeding unthreshed	2,374	4,187				19,377	83,710
Barley threshed [3]	12,024	11,694	Bushel	260,081	261,425	106,847	262,369
Rye threshed	3,556	2,023	do	35,844	21,349	15,852	23,256
Mixed grains threshed [3] [5]	1,567	1,146	do	39,322	30,812	18,000	31,225
Flax threshed [3]	2,081	2,477	do	18,829	20,765	27,519	60,324
Rice (rough or paddy) threshed [3]	851	1,394	do	43,807	65,044	32,206	114,192
Annual legumes harvested for beans, peas, or nuts:							
Soybeans harvested for beans [3]	4,274	8,724	Bushel	87,591	187,726	71,246	389,512
Cowpeas harvested for peas [3]	1,896		do	5,959	3,603	8,314	13,182
Peanuts harvested for nuts [3]	1,787	2,958	Pound	1,155,316	2,008,856	39,169	162,727
All dry field and seed beans harvested other than velvet beans and soybeans [3]	1,586	1,898	Bushel	23,666	26,075	46,527	97,802
All dry field and seed peas harvested other than cowpeas and Austrian peas [3]	214	697	do	3,791	14,285	6,370	42,064
All hay, excluding sorghums for hay [3]	65,979	72,287	Ton	82,413	99,305	701,510	1,726,196
Soybeans and cowpeas harvested for hay [3]		3,072	do		3,350		78,804
Peanut vines saved for hay [3]			do		1,041		17,307
Vetches cut for hay [3]		90	do		182		3,445
Annual legumes saved for hay	7,187		do	8,380		74,186	
Alfalfa cut for hay	12,803	14,977	do	25,653	32,670	236,162	605,966
Clover or timothy (alone or mixed) cut for hay	17,274	22,603	do	20,660	30,749	195,454	583,028
Sweet clover cut for hay	1,147		do	1,357		7,188	
Lespedeza cut for hay [3]	4,698	5,941	do	5,047	5,569	51,427	132,475
Small grains cut for hay [4]	3,690	1,542	do	3,888	1,884	31,359	30,950
Other tame hay cut	7,220	8,534	do	7,600	9,438	60,740	145,739
Wild hay cut	11,961	15,526	do	9,828	14,422	44,994	128,482
Alfalfa seed harvested [3]	1,010	827	Bushel	1,454	946	12,681	19,527
Red clover seed harvested [3]	[6] 1,528	1,914	do	[6] 2,051	1,603	[6] 16,474	30,294
Lespedeza seed harvested [3]	606	811	Pound	102,848	174,183	4,214	14,221
Vetch seed harvested [3]		75	Bushel		621		2,666
Cotton harvested [3]	22,811	18,962	Bale	11,481	11,838	538,150	1,266,373
Cottonseed [3]			Ton	5,259	4,896	110,938	260,465
Tobacco harvested [3]	1,853	1,630	Pound	1,699,728	1,778,769	258,990	740,747
Sugarcane for sugar and/or sirup [3]	375	357				23,072	39,476
Sugarcane harvested for sugar or for sale to mills [3]	248	269	Ton	5,366	5,061	15,359	25,548
Sugarcane harvested for sirup [3]	127	88	Gallon	16,205	13,048	7,714	13,928
Sugar beets harvested for sugar [3]	867	546	Ton	10,300	6,841	48,915	73,312
Chufas harvested for nuts [3]						50	127
Chufas hogged off [3]							356
Hops harvested [3]						7,944	21,615
Irish potatoes harvested	2,644	2,537	Bushel	318,256	356,547	217,392	519,678
Sweetpotatoes and yams harvested [3]	696	673	do	58,658	63,288	43,384	118,423

For footnotes, see next page.

No. 724.—Crops—Acreage, Production, and Value, by Kind: 1939 and 1944—Continued

CROP	ACREAGE (THOUSANDS)		PRODUCTION (1,000 UNITS)			VALUE ($1,000)	
	1939	1944	Unit	1939	1944	1939	1944
Vegetables, total [1]	[7] 3,053	[7] 4,370				410,916	1,032,626
Vegetables grown for home use (excluding Irish and sweet potatoes)						210,900	456,033
Vegetables harvested for sale (excluding Irish and sweet potatoes)	3,053	4,370				200,016	576,593
Fruits and nuts and horticultural specialities, total [8]	5,345	5,187				517,724	1,515,572
Specified small fruits [8 9]	301	186				41,376	47,013
Apples [3]			Bushel	150,093	135,968	91,150	268,379
Cherries [3]			Pound	310,437	344,236	9,883	35,895
Peaches			Bushel	56,577	68,011	45,831	156,180
Apricots [3]			do	11,548	12,799	9,374	33,263
Pears			do	24,981	27,788	18,552	63,175
Plums and prunes			do	25,646	19,525	19,281	46,909
Grapes			Pound	4,409,453	5,240,034	37,790	211,551
Oranges, including satsumas, tangerines, and mandarins [3]			Ton	2,873	3,929	61,193	245,086
Grapefruit [3]			do	1,236	1,547	14,304	61,487
Lemons [3]			do	403	469	15,472	38,734
Limes [3]			Pound	6,994	8,578	224	558
Almonds [3]			do	47,911	54,184	4,921	20,807
Filberts and hazelnuts [3]			do	6,217	11,414	701	3,118
Pecans (improved and seedling) [3]			do	72,838	98,180	7,416	21,553
Walnuts, English or Persian [3]			do	128,454	120,511	10,629	27,476
Tung nuts [3]			do	2,321	62,693	53	3,130
Horticultural specialties						129,575	231,259

[1] Irish potatoes and sweetpotatoes included with "field crops," not with "vegetables."
[2] Excludes sweet corn, popcorn, "Egyptian corn," kafir, and milo maize.
[3] Figures for 1944 are not fully comparable with those for 1939. 1944 totals are for States for which a separate inquiry was carried on schedule. For further discussion, see 1945 Census of Agriculture, Vol. II.
[4] Oat hay included with small grains cut for hay.
[5] Excludes flax and wheat mixture.
[6] Clover seed except sweet clover.
[7] Represents acreage of vegetables harvested for sale only; acreage in farm gardens not available.
[8] Acreage of horticultural specialties not available for 1944 and therefore excluded for 1939; value includes horticultural specialties.
[9] Includes blackberries and dewberries, blueberries, boysenberries, loganberries, youngberries, raspberries, and strawberries.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 725.—Agricultural Commodities—Production, by Chief Kinds: 1800 to 1949

[Figures refer to crop or growth year. Leaders indicate no data available. Weight of bushel of wheat, 60 pounds; bushel of corn, 56 pounds. See also *Historical Statistics*, series E 182 for corn, series E 187 for wheat, and series E 218 for cotton]

Year	Corn	Wheat	Rice (in terms of cleaned) [1]	Sugar		Cotton [2]		Tobacco
				Beet (chiefly refined)	Cane (chiefly raw) [2]	Running bales [4]	500-pound bales [5]	
	1,000 bushels	*1,000 bushels*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*Thousands*	*Thousands*	*1,000 pounds*
1800			[6] 67,234			154	73	
1810			[6] 78,805			286	178	
1820			53,292			576	335	
1830			81,352			1,026	732	
1840	[7] 377,532	[7] 84,823	84,253		[7] 120,851	1,635	1,348	[7] 219,163
1850	[7] 592,071	[7] 100,486	102,776		[7] 247,577	2,454	2,136	[7] 199,753
1860	[7] 838,793	[7] 173,105	106,279		274,725	3,849	3,841	[7] 434,209
1870	1,124,775	254,429	54,889	[8] 896	178,304	4,352	4,025	345,045
1880	1,706,673	502,257	111,869	[8] 1,120	285,302	6,606	6,357	469,395
1885	2,057,807	399,931	150,195	1,344	302,754	6,576	6,369	610,500
1890	1,650,446	449,042	136,800	7,748	497,170	8,653	8,562	647,535
1895	2,534,762	542,119	206,250	65,452	543,636	7,161	7,146	745,000
1900	2,661,978	599,315	272,028	172,164	623,772	10,102	10,124	851,980
1904	2,686,624	555,571	533,778	484,226	829,990	13,451	13,438	856,595
1905	2,954,148	706,026	445,500	625,842	781,204	10,495	10,576	938,865
1906	3,032,910	740,509	493,750	967,224	544,320	12,983	13,274	972,510
1907	2,613,797	628,764	576,417	927,256	788,480	11,058	11,106	885,620
1908	2,566,742	642,818	622,139	851,768	828,800	13,086	13,241	835,645
1909	2,611,157	683,927	655,167	1,024,000	676,000	10,073	10,005	1,053,818
1910	2,852,794	625,476	686,972	1,020,000	724,000	11,568	11,609	1,142,320
1911	2,474,635	618,166	629,500	1,200,000	736,000	15,553	15,694	940,935
1912	2,947,842	730,011	658,333	1,386,000	332,000	13,489	13,703	1,117,415
1913	2,272,540	751,101	672,500	1,466,000	614,000	13,983	14,153	991,605
1914	2,523,750	897,487	652,167	1,444,000	504,000	15,906	16,112	1,036,745
1915	2,829,044	1,008,637	725,194	1,748,000	282,000	11,068	11,172	1,157,425
1916	2,425,206	634,572	1,098,444	1,642,000	634,000	11,364	11,448	1,206,785
1917	2,908,242	619,790	964,278	1,530,000	502,000	11,248	11,284	1,325,530
1918	2,441,249	904,130	1,111,056	1,522,000	580,000	11,906	12,018	1,444,505
1919	2,678,541	952,097	1,191,972	1,452,000	250,000	11,326	11,411	1,444,206
1920	3,070,604	843,277	1,434,667	2,178,000	360,000	13,271	13,429	1,509,212
1921	2,928,442	818,964	1,090,944	2,040,000	668,000	7,978	7,945	1,004,928
1922	2,707,306	846,649	1,157,306	1,350,000	604,000	9,729	9,755	1,254,304
1923	2,875,292	759,482	923,278	1,762,000	336,000	10,171	10,140	1,517,583
1924	2,223,123	841,617	906,750	2,180,000	180,000	13,639	13,630	1,244,928
1925	2,798,367	668,700	917,667	1,826,000	284,000	16,123	16,105	1,376,008
1926	2,546,972	832,213	1,167,361	1,794,000	96,000	17,755	17,978	1,289,272
1927	2,616,120	875,059	1,236,028	2,186,000	144,000	12,783	12,956	1,211,311
1928	2,665,516	914,373	1,217,611	2,122,000	272,000	14,297	14,477	1,373,214
1929	2,515,937	824,183	1,098,167	2,036,000	436,000	14,548	14,825	1,532,676
1930	2,080,130	886,522	1,248,028	2,416,000	430,000	13,756	13,932	1,648,037
1931	2,575,927	941,540	1,239,250	2,312,000	368,000	16,629	17,097	1,565,088
1932	2,930,352	756,307	1,156,083	2,714,000	530,000	12,710	13,003	1,018,011
1933	2,397,593	552,215	1,045,861	3,284,000	500,000	12,664	13,047	1,371,965
1934	1,448,920	526,052	1,084,639	2,320,000	534,000	9,472	9,636	1,084,589
1935	2,299,363	628,227	1,095,889	2,370,000	766,000	10,420	10,638	1,302,041
1936	1,505,689	629,880	1,393,889	2,608,000	874,000	12,141	12,399	1,162,838
1937	2,642,978	873,914	1,483,944	2,566,000	924,000	18,252	18,946	1,569,023
1938	2,548,753	919,913	1,458,500	3,352,000	1,166,000	11,623	11,943	1,385,573
1939	2,580,985	741,210	1,501,722	3,388,000	1,008,000	11,481	11,817	1,880,629
1940	2,457,146	814,646	1,512,028	3,512,000	664,000	12,298	12,566	1,460,441
1941	2,651,889	941,970	1,425,639	2,982,000	838,000	10,495	10,744	1,261,839
1942	3,068,562	969,381	1,889,678	3,238,000	920,000	12,438	12,817	1,408,394
1943	2,965,980	843,813	1,901,491	1,870,000	996,000	11,129	11,427	1,406,190
1944	3,088,110	1,060,111	2,012,573	1,958,000	874,000	11,839	12,230	1,954,699
1945	2,880,933	1,108,224	1,992,690	2,366,000	950,000	8,813	9,015	1,994,262
1946	3,249,950	1,153,046	2,111,578	2,846,000	850,000	8,517	8,640	2,321,596
1947	2,383,970	1,367,186	2,288,274	3,430,000	752,000	11,557	11,857	2,110,131
1948	3,681,793	1,313,534	2,362,667	2,558,000	954,000	14,580	14,877	1,980,325
1949	3,377,790	1,146,463	2,476,139	2,878,000	1,074,000	[9]	16,034	1,990,129

[1] Figures for 1800 to 1895 represent commercial movement, as given by Dan Talmage's Sons Co.
[2] Louisiana and Texas, 1909 to 1923; Louisiana only, 1924 to 1927; Louisiana and Florida, beginning 1928.
[3] Data for linters included 1810–1865; excluded for subsequent years.
[4] Beginning 1899, ginnings as reported by Bureau of Census. Figures for some years include small amounts of Baja California, Mexico, cotton ginned in United States. Round bales counted as half bales.
[5] Gross weight. Figures prior to 1899 compiled by Bureau of Census from reports published by Department of Agriculture. See also note 11, table 726, p. 612.
[6] Exports. [7] Census figures for the previous year.
[8] Figures for 1870 and 1880 represent estimated average production for 1863–71 and 1880–82, respectively.
[9] Not yet available.

Source: Department of Agriculture, Bureau of Agricultural Economics, except as noted; annual report, Agricultural Statistics. Also published in annual crop reports.

No. 726.—Principal Crops—Acreage, Production, and Value: 1866 to 1949

[**Tons are of 2,000 pounds.** For weights of units of measurement for principal products, see Appendix II. Approximate weights of units of measurement for other products are as follows: Number of pounds to a bushel—sweetpotatoes, 55; sorghums for grain, 56; clover seed, 60. Number of pounds to a barrel of cranberries, 100. Prices and yields for periods are weighted averages except for cotton and cottonseed, which are simple averages of prices and yields for individual years. Acreage, production, and yield of all crops revised to census data. See also *Historical Statistics*, series E 181-230, for acreage harvested, production, and price data for corn, wheat, oats, barley, flaxseed, potatoes, sweetpotatoes, cotton, cottonseed, soybeans, and hay]

YEARLY AVERAGE OR YEAR	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [2]	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [2]
	CORN					WHEAT				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*	*1,000 acres*	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*
1866–1875	40,123	1,028,963	561,163	25.6	54.5	21,918	270,595	337,186	12.3	124.6
1876–1885	63,655	1,667,510	652,608	26.2	39.1	34,553	448,337	413,730	13.0	92.3
1886–1895	78,327	1,986,608	725,562	25.4	36.5	38,496	526,076	356,288	13.7	67.7
1896–1900	91,253	2,523,555	711,706	27.7	28.2	47,258	630,354	413,935	13.3	65.7
1901–1905	95,226	2,529,114	1,113,625	26.6	44.0	47,002	674,843	483,123	14.4	71.6
1906–1910	97,894	2,735,480	1,450,885	27.9	53.1	45,105	664,299	579,992	14.7	87.3
1911–1915	100,294	2,609,562	1,720,900	26.0	66.0	53,247	801,080	712,938	15.0	89.0
1916–1920	102,631	2,704,768	3,342,953	26.4	123.4	59,485	790,773	1,526,204	13.3	193.0
1921–1925	101,275	2,706,506	2,033,203	26.7	75.3	57,558	787,082	875,067	13.7	111.2
1926–1930	99,483	2,484,935	1,919,033	25.0	77.2	60,300	866,470	883,173	14.4	101.9
1931–1935	102,306	2,330,431	1,137,535	22.8	48.8	51,926	680,868	407,254	13.1	60.0
1936–1940	90,790	2,347,110	1,432,758	25.9	61.0	57,687	795,913	614,156	13.8	77.2
1941–1945	89,375	2,931,095	3,031,463	32.8	103.4	56,386	984,700	1,252,507	17.5	127.2
1936	93,154	1,505,689	1,571,859	16.2	104.4	49,125	629,880	645,465	12.8	102.5
1937	93,930	2,642,978	1,368,474	28.1	51.8	64,169	873,914	840,706	13.6	96.2
1938	92,160	2,548,753	1,239,619	27.7	48.6	69,197	919,913	516,636	13.3	56.2
1939	88,279	2,580,985	1,465,117	29.2	56.8	52,669	741,210	512,427	14.1	69.1
1940	86,420	2,457,146	1,518,719	28.4	61.8	53,273	814,646	555,547	15.3	68.2
1941	85,357	2,651,889	1,991,103	31.1	75.1	55,935	941,970	889,561	16.8	94.4
1942	87,367	3,068,562	2,813,772	35.1	91.7	49,773	969,381	1,064,789	19.5	110.0
1943	92,060	2,965,980	3,328,496	32.2	112.0	51,355	843,813	1,148,845	16.4	136.0
1944	94,014	3,088,110	3,353,386	32.8	109.0	59,749	1,060,111	1,497,693	17.7	141.0
1945	88,079	2,880,933	3,670,557	32.7	127.0	65,120	1,108,224	1,661,649	17.0	150.0
1946	88,489	3,249,950	5,081,927	36.7	156.0	67,075	1,153,046	2,203,246	17.2	191.0
1947	83,932	2,383,970	5,145,345	28.4	216.0	74,389	1,367,186	3,128,587	18.4	229.0
1948	86,067	3,681,793	4,752,652	42.8	129.0	73,017	1,313,534	2,622,558	18.0	200.0
1949 (prel.)	86,735	3,377,790	4,017,810	38.9	119.0	76,751	1,146,463	2,133,125	14.9	186.0
	OATS					RYE				
1866–1875	10,616	281,394	122,375	26.5	43.5	1,589	17,210	15,864	10.8	92.2
1876–1885	17,954	494,612	158,927	27.5	32.1	1,905	22,165	14,205	11.6	64.1
1886–1895	28,113	753,240	215,561	26.8	28.6	2,160	27,209	14,695	12.6	54.0
1896–1900	29,741	865,863	199,211	29.1	23.0	2,262	29,088	12,888	12.9	44.3
1901–1905	32,122	975,626	315,133	30.4	32.3	2,323	30,640	17,570	13.2	57.3
1906–1910	34,869	954,648	383,118	27.4	40.1	2,166	29,137	20,369	13.5	69.9
1911–1915	37,531	1,155,906	454,401	30.8	39.3	2,965	39,714	29,681	13.4	74.7
1916–1920	41,100	1,312,199	834,158	31.9	63.6	5,455	65,481	96,895	12.0	148.0
1921–1925	42,441	1,248,349	497,621	29.4	39.9	4,857	63,746	47,739	13.1	74.9
1926–1930	40,266	1,189,317	477,416	29.5	40.1	3,394	40,928	30,826	12.1	75.3
1931–1935	37,597	973,920	252,598	25.9	25.9	2,980	33,134	13,888	11.1	41.9
1936–1940	34,826	1,052,573	328,974	30.2	31.3	3,526	41,474	21,149	11.8	51.0
1941–1945	39,375	1,269,991	760,976	32.3	59.9	2,801	34,393	28,180	12.3	81.9
1936	33,654	792,583	355,941	23.6	44.9	2,694	24,239	19,686	9.0	81.2
1937	35,542	1,176,744	355,482	33.1	30.2	3,825	48,862	33,517	12.8	68.6
1938	36,042	1,089,383	258,773	30.2	23.8	4,087	55,984	18,928	13.7	33.8
1939	33,460	957,704	297,354	28.6	31.0	3,822	38,562	16,935	10.1	43.9
1940	35,431	1,246,450	377,319	35.2	30.3	3,204	39,725	16,679	12.4	42.0
1941	38,161	1,182,509	485,659	31.0	41.1	3,573	43,878	23,766	12.3	54.2
1942	38,197	1,342,681	655,738	35.2	48.8	3,792	52,929	31,934	14.0	60.3
1943	38,914	1,139,831	823,297	29.3	72.2	2,652	28,680	28,173	10.8	98.2
1944	39,672	1,149,260	815,389	29.0	70.9	2,132	22,525	24,597	10.6	109.0
1945	41,933	1,535,676	1,024,799	36.6	66.7	1,856	23,952	32,430	12.9	135.0
1946	43,205	1,497,904	1,213,755	34.7	81.0	1,607	18,879	36,169	11.7	192.0
1947	38,451	1,199,422	1,257,043	31.2	105.0	2,010	25,975	58,731	12.9	226.0
1948	40,198	1,493,304	1,088,079	37.1	72.9	2,096	26,449	38,787	12.6	147.0
1949 (prel.)	40,560	1,322,924	838,491	32.6	63.4	1,558	18,697	23,010	12.0	123.0

[1] Values are based on season average or Dec. 1 prices. See notes on "Price" column.

[2] Received by farmers. Beginning 1908, prices are season average prices for the crop-marketing season; prior thereto, Dec. 1 prices. Prices for 1937 through 1944 for corn, 1938 through 1944 for wheat, and 1940 through 1944 for rye, include an allowance for unredeemed loans at average loan value.

No. 726.—Principal Crops—Acreage, Production, and Value: 1866 to 1949—Continued

Yearly average or year	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [2]	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [2]
	BARLEY					BUCKWHEAT				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*	*1,000 acres*	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*
1866–1875	1,302	28,246	26,820	21.7	95.0	765	10,425	9,085	13.6	87.1
1876–1885	2,236	50,303	31,000	22.5	61.6	816	10,442	6,849	12.8	65.6
1886–1895	3,513	82,767	39,376	23.6	47.6	812	11,256	6,165	13.9	54.8
1896–1900	4,308	102,595	37,485	23.8	36.5	814	12,640	5,927	15.5	46.9
1901–1905	5,981	151,417	65,069	25.3	43.0	819	14,888	8,854	18.2	59.5
1906–1910	7,250	163,200	90,978	22.5	55.7	841	14,601	10,125	17.4	69.3
1911–1915	7,552	177,102	101,286	23.5	57.2	778	12,927	9,838	16.6	76.1
1916–1920	7,858	173,712	174,922	22.1	100.7	838	12,642	18,988	15.1	150.2
1921–1925	7,210	160,478	93,500	22.3	58.3	707	12,052	11,287	17.0	93.7
1926–1930	11,262	263,142	144,125	23.4	54.8	665	9,918	8,747	14.9	88.2
1931–1935	10,608	211,714	77,607	20.0	36.7	480	8,187	4,191	17.1	51.2
1936–1940	11,034	243,144	113,228	22.0	46.6	401	6,445	4,143	16.1	64.3
1941–1945	13,780	331,575	266,911	24.1	80.5	428	7,463	7,593	17.4	101.7
1936	8,329	147,740	115,461	17.7	78.2	379	6,440	5,481	17.0	85.1
1937	9,969	221,889	120,257	22.3	54.2	421	6,808	4,539	16.2	66.7
1938	10,610	256,620	94,336	24.2	36.8	448	6,763	3,647	15.1	53.9
1939	12,739	278,193	112,541	21.8	40.5	370	5,736	3,566	15.5	62.2
1940	13,525	311,278	123,543	23.0	39.7	388	6,476	3,482	16.7	53.8
1941	14,276	362,568	191,741	25.4	52.9	337	6,038	4,072	17.9	67.4
1942	16,958	420,450	271,231	25.3	63.2	375	6,636	5,613	17.7	84.6
1943	14,900	322,913	319,871	21.7	99.1	505	8,830	11,113	17.5	126.0
1944	12,301	276,112	280,251	22.4	101.0	515	9,166	9,290	17.8	101.0
1945	10,465	266,833	271,460	25.5	102.0	409	6,644	7,875	16.2	119.0
1946	10,411	262,258	356,657	25.2	136.0	391	7,124	10,517	18.2	148.0
1947	11,014	281,185	477,828	25.5	170.0	518	7,334	13,908	14.2	190.0
1948	11,987	315,894	369,478	26.4	117.0	336	6,305	7,124	18.8	113.0
1949 (prel.)	9,879	238,104	250,172	24.1	105.0	279	5,184	5,003	18.6	96.5
	RICE, ROUGH					FLAXSEED				
1906–1910	598	21,848	17,436	36.5	79.8	2,384	20,590	25,662	8.6	125
1911–1915	677	24,031	20,679	35.5	86.1	2,041	17,197	25,444	8.4	148
1916–1920	1,056	41,763	68,093	39.6	163.0	1,580	10,136	30,872	6.4	305
1921–1925	922	35,971	41,934	39.0	116.6	2,166	17,749	37,821	8.2	213
1926–1930	968	42,964	40,513	44.4	94.3	2,988	20,084	40,585	6.7	202
1931–1935	853	40,476	25,526	47.5	63.1	1,778	10,161	13,201	5.7	130
1936–1940	1,054	52,849	38,784	50.1	73.4	1,662	14,193	21,715	8.5	153
1941–1945	1,423	63,592	106,894	44.7	168.1	3,952	35,868	91,690	9.1	256
1936	981	49,820	41,567	50.8	83.4	1,125	5,331	10,112	4.7	190
1937	1,099	53,422	35,168	48.6	65.8	927	7,070	13,196	7.6	187
1938	1,076	52,506	33,630	48.8	64.0	905	8,032	12,783	8.9	159
1939	1,045	54,062	39,348	51.7	72.8	2,171	19,606	28,692	9.0	146
1940	1,069	54,433	44,208	50.9	81.2	3,182	30,924	43,793	9.7	142
1941	1,214	51,323	69,600	42.3	136.0	3,266	32,133	57,482	9.8	179
1942	1,457	64,627	105,082	44.4	163.0	4,408	40,976	96,560	9.3	236
1943	1,472	65,031	116,024	44.2	178.0	5,691	50,009	141,554	8.8	283
1944	1,480	68,830	121,573	46.5	177.0	2,610	21,665	62,941	8.3	291
1945	1,494	68,150	122,190	45.6	179.0	3,785	34,557	99,912	9.1	289
1946	1,574	72,216	162,726	45.9	225.0	2,432	22,585	91,137	9.3	404
1947	1,693	78,259	210,368	46.2	269.0	4,030	40,536	249,331	10.1	615
1948	1,781	85,056	186,661	47.8	219.0	4,859	54,529	313,617	11.2	575
1949 (prel.)	1,821	89,141	164,233	49.0	184.0	4,880	43,664	156,386	8.9	358

[1] Values are based on season average or Dec. 1 prices. See notes on "Price" column.

[2] Received by farmers. Prices are season average prices as follows: Barley, buckwheat, and flaxseed, beginning 1908; rice, beginning 1909. Prices for prior years are as of Dec. 1. Prices for 1940 through 1943 for barley and 1941 through 1944 for flaxseed include an allowance for unredeemed loans at average loan value.

No. 726.—Principal Crops—Acreage, Production, and Value: 1866 to 1949—Continued

Yearly average or year	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [4]	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [4]
	Potatoes					Sweetpotatoes				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*	*1,000 acres*	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bushel*
1866–1875	1,488	129,276	81,370	86.9	62.9	[5] 376	[5] 29,170	[5] 25,517	[5] 77.6	[5] 87.5
1876–1885	2,074	173,138	87,877	83.5	50.8	464	35,625	[6] 20,063	76.8	[6] 54.9
1886–1895	2,635	214,022	102,644	81.2	48.0	526	44,448	[7] 22,071	84.5	[7] 51.0
1896–1900	2,918	246,703	101,576	84.5	41.2	542	44,452	[8] 20,926	82.0	[8] 48.8
1901–1905	3,115	286,091	162,270	91.8	56.7	505	52,815	30,841	93.5	58.4
1906–1910	3,465	342,410	205,664	98.8	60.1	615	59,337	41,211	96.5	69.5
1911–1915	3,473	349,277	234,639	100.6	67.2	597	57,063	48,339	95.6	84.7
1916–1920	3,455	336,280	472,515	97.3	140.5	736	71,633	99,374	97.4	138.7
1921–1925	3,359	357,535	350,071	106.5	97.9	702	62,193	77,909	88.6	125.3
1926–1930	3,132	[9] 359,142	354,952	114.7	100.9	664	62,593	71,188	94.3	113.7
1931–1935	3,510	[9] 377,518	201,396	107.6	53.7	945	77,491	49,967	82.0	64.5
1936–1940	2,906	[9] 355,109	241,777	122.2	68.1	741	61,991	49,110	83.7	79.2
1941–1945	2,818	[9] 397,134	498,280	140.9	125	734	66,409	108,628	90.5	164
1936	2,960	323,955	370,051	109.4	114.2	769	59,765	55,045	77.7	92.1
1937	3,055	376,448	199,086	123.2	52.9	768	68,144	53,138	88.7	78.0
1938	2,870	355,848	198,221	124.0	55.7	793	68,603	47,868	86.5	69.8
1939	2,813	[9] 342,372	237,781	121.7	69.7	728	61,744	45,340	84.8	73.4
1940	2,832	376,920	203,748	133.1	54.1	648	51,699	44,160	79.8	85.4
1941	2,693	355,697	287,422	132.1	80.8	731	62,517	57,650	85.5	92.2
1942	2,671	368,899	431,491	138.1	117	687	65,469	77,548	95.3	118
1943	3,239	[9] 458,887	601,405	141.7	131	857	71,142	146,413	83.1	206
1944	2,786	383,424	573,398	137.6	150	726	68,251	129,912	94.0	190
1945	2,700	418,765	597,686	155.1	143	671	64,665	131,619	96.3	204
1946	2,599	[10] 484,174	598,862	186.3	124	676	66,424	144,496	98.2	218
1947	2,101	389,048	628,646	185.2	162	594	55,746	120,879	93.9	217
1948	2,109	454,654	703,166	215.5	155	516	50,204	111,374	97.4	222
1949 (prel.)	1,901	401,962	563,508	211.4	140	542	54,232	115,843	100.1	214
	Cotton (excluding linters) [11]					Cottonseed				
	1,000 acres	*1,000 bales* [12]	*1,000 dollars*	*Lbs.*	*Cents per pound*		*1,000 short tons*	*1,000 dollars*		*Dols. per ton*
1866–1875	9,046	3,389	----------	162.6	----------	--------	1,382	----------	--------	--------
1876–1885	15,147	5,706	253,959	172.2	9.30	--------	2,419	----------	--------	--------
1886–1895	20,016	7,691	289,493	181.5	7.70	--------	3,389	----------	--------	--------
1896–1900	24,425	10,036	354,063	197.4	7.04	--------	4,486	----------	--------	--------
1901–1905	28,041	10,801	485,555	183.8	8.98	--------	4,800	----------	--------	--------
1906–1910	31,057	11,847	658,884	182.3	11.29	--------	[13] 4,799	[13] 120,640	--------	[13] 25.07
1911–1915	33,649	14,167	729,245	200.7	10.44	--------	6,292	125,791	--------	20.59
1916–1920	33,534	11,918	1,468,022	169.9	24.91	--------	5,295	277,640	--------	53.28
1921–1925	35,895	11,515	1,277,208	151.2	22.22	--------	5,112	169,432	--------	33.11
1926–1930	42,212	14,834	1,126,700	167.8	15.38	--------	6,500	184,899	--------	28.83
1931–1935	31,671	12,684	551,305	190.9	9.16	--------	5,505	95,829	--------	19.16
1936–1940	27,058	13,534	646,935	239.1	9.67	--------	5,684	132,166	--------	23.49
1941–1945	20,632	11,247	1,110,463	262.2	19.84	--------	4,602	228,712	--------	49.83
1936	29,755	12,399	766,222	190.4	12.36	--------	5,472	182,230	--------	33.30
1937	33,623	18,946	796,469	269.9	8.41	--------	7,844	152,974	--------	19.50
1938	24,248	11,943	513,704	235.8	8.60	--------	4,950	107,874	--------	21.79
1939	23,805	11,817	536,996	237.9	9.09	--------	4,869	102,933	--------	21.14
1940	23,861	12,566	621,284	252.5	9.89	--------	5,286	114,817	--------	21.72
1941	22,236	10,744	914,313	231.9	17.03	--------	4,553	216,961	--------	47.65
1942	22,602	12,817	1,219,716	272.4	19.04	--------	5,202	237,221	--------	45.60
1943	21,610	11,427	1,135,605	254.0	19.88	--------	4,688	244,059	--------	52.10
1944	19,651	12,230	1,267,857	298.9	20.73	--------	4,902	258,163	--------	52.70
1945	17,059	9,015	1,014,823	253.6	22.52	--------	3,664	187,155	--------	51.10
1946	17,615	8,640	1,409,671	235.3	32.64	--------	3,513	252,674	--------	71.90
1947	21,269	11,857	1,892,528	267.3	31.93	--------	4,681	402,015	--------	85.90
1948	22,821	14,877	2,262,227	312.6	30.41	--------	5,945	399,755	--------	67.20
1949 (prel.)	26,898	16,034	2,295,521	285.8	28.60	--------	6,477	277,299	--------	42.80

[1] Values are based on season average or Dec. 1 prices. See notes on "Price" column.

[4] Received by farmers. Beginning with 1908 for potatoes and cotton, 1909 for sweetpotatoes, and cottonseed, prices are season average prices. Figures for prior years are Dec. 1 prices. For 1933, 1934, 1937, 1938, and 1940 through 1949, season average prices for cotton crops include an allowance for unredeemed loans at average loan value.

[5] Average for 8 years. [6] Average for 6 years. [7] Average for 7 years. [8] Average for 4 years.

[9] Includes following quantities not harvested on account of market conditions (1,000 bushels): 1928, 7,462; 1931, 66; 1932, 2,175; 1939, 1,240; and 1943, 440. Price and value apply only to the harvested portion of the crop.

[10] Includes 1,504,000 bushels unharvested but purchased by the Government under price support program.

[11] State production figures, which conform with census annual ginning enumeration, with allowance for cross State ginnings, rounded to thousands and added for United States totals. Cotton grown in Baja, California, ginned in California from 1913 to 1924, has been excluded.

[12] Production is in running bales prior to 1899; 500-pound gross weight bales thereafter.

[13] Data for 1909 and 1910.

No. 726.—Principal Crops—Acreage, Production, and Value: 1866 to 1949—Continued

Yearly average or year	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [14]	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [14]
	SORGHUMS FOR GRAIN					PEANUTS (PICKED AND THRESHED)				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bu.* [15]	*1,000 acres* [16]	*1,000 pounds*	*1,000 dollars*	*Lbs.*	*Cents per lb.* [17]
1916–1920						1,094	796,948	52,068	728.5	6.53
1921–1925						936	640,834	32,525	684.9	5.08
1926–1930	[18] 3,500	[18] 43,764	[18] 29,014	[18] 12.5	[18] 66.3	1,099	789,092	35,206	718.1	4.46
1931–1935	4,038	53,843	23,763	13.3	44.1	1,434	996,762	24,907	695.2	2.50
1936–1940	4,708	61,306	31,926	13.0	52.1	1,770	1,352,243	45,952	764.0	3.40
1941–1945	6,938	122,942	111,425	17.7	90.6	3,002	1,993,497	138,650	664.0	6.96
1939	4,760	53,280	30,321	11.2	56.9	1,908	1,213,110	41,224	636.0	3.40
1940	6,374	85,824	41,019	13.5	47.8	2,052	1,766,590	58,850	861.0	3.33
1941	6,015	113,543	62,319	18.9	54.9	1,900	1,475,205	68,746	776.0	4.66
1942	5,991	109,653	85,223	18.3	77.7	3,355	2,192,800	133,248	654.0	6.08
1943	6,889	109,536	124,885	15.9	114.0	3,528	2,176,420	155,025	617.0	7.12
1944	9,385	184,962	168,880	19.7	91.3	3,068	2,080,825	167,352	678.0	8.04
1945	6,408	97,014	115,816	15.1	119.0	3,160	2,042,235	168,878	646.0	8.27
1946	6,773	106,941	148,753	15.8	139.1	3,142	2,038,355	185,399	649.0	9.10
1947	5,629	96,016	175,947	17.1	183.0	3,380	2,182,895	220,360	646.0	10.1
1948	7,296	131,596	161,946	18.0	123.0	3,311	2,338,470	246,495	706.0	10.5
1949 (prel.)	6,612	152,630	149,410	23.1	97.9	2,433	1,853,140	191,801	762.0	10.4
	BEANS, DRY, EDIBLE					SOYBEANS (FOR BEANS)				
	1,000 acres	*1,000 bags* [19]	*1,000 dollars* [20]	*Lbs.*	*Dollars per bag* [17]	*1,000 acres*	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Cents per bu.* [17]
1916–1920	1,329	8,397	59,814	631.8	7.79					
1921–1925	1,308	8,949	45,022	683.9	5.46	[21] 432	[21] 4,911	[21] 11,796	[21] 11.4	[21] 240
1926–1930	1,802	11,597	61,578	643.7	5.73	679	8,685	14,947	12.8	172
1931–1935	1,687	12,468	31,127	739.2	2.66	1,531	23,597	17,616	15.4	75
1936–1940	1,709	15,069	47,639	881.7	3.38	3,420	61,995	53,373	18.1	86
1941–1945	1,957	17,555	91,752	897.0	5.66	9,415	173,778	321,077	18.5	185
1939	1,679	15,045	46,265	896.0	3.25	4,315	90,141	73,049	20.9	81
1940	1,903	16,945	50,185	890.0	3.18	4,807	78,045	70,224	16.2	90
1941	2,019	18,556	77,727	919.0	4.55	5,889	107,197	166,042	18.2	155
1942	1,925	18,987	90,670	986.0	5.16	9,894	187,524	301,137	19.0	161
1943	2,362	21,002	117,493	889.0	6.05	10,397	190,133	345,032	18.3	181
1944	1,996	16,147	94,521	809.0	6.28	10,232	191,958	393,474	18.8	205
1945	1,485	13,083	78,348	881.0	6.55	10,661	192,076	399,698	18.0	208
1946	1,616	15,859	156,550	981.0	10.60	9,806	201,275	516,355	20.5	257
1947	1,759	17,218	183,400	979.0	11.60	11,212	183,558	612,290	16.4	334
1948	1,916	20,827	153,640	1,087.0	7.91	10,430	223,006	505,915	21.4	227
1949 (prel.)	1,852	21,554	134,524	1,164.0	6.71	9,912	222,305	462,485	22.4	208
	RED CLOVER SEED					HOPS				
	1,000 acres	*1,000 bushels*	*1,000 dollars*	*Bushels*	*Dollars per bushel* [17]	*1,000 acres*	*1,000 pounds*	*1,000 dollars*	*Lbs.*	*Cents per lbs.* [22]
1916–1920	[22] 1,091	[22] 1,287	[22] 22,741	[22] 1.18	[22] 17.67	30	32,668	10,786	1,098	33.0
1921–1925	945	981	11,891	1.04	12.12	22	26,616	4,456	1,215	16.7
1926–1930	1,061	1,190	15,959	1.12	13.41	23	30,353	5,586	1,314	18.4
1931–1935	843	953	6,887	1.13	7.23	30	[24] 36,224	6,090	1,212	17.3
1936–1940	1,207	1,364	12,342	1.13	9.05	32	[24] 36,966	7,944	1,151	23.5
1941–1945	1,699	1,507	23,710	.89	15.73	36	44,519	24,655	1,241	55.4
1939	1,350	1,691	14,748	1.25	8.72	31	[24] 37,462	8,490	1,208	24.5
1940	2,043	2,037	12,367	1.00	6.07	33	42,846	11,490	1,306	26.8
1941	1,384	1,479	13,461	1.07	9.10	35	40,380	12,883	1,160	31.9
1942	1,148	1,071	12,897	.93	12.00	35	35,153	15,894	1,016	45.2
1943	1,355	1,227	22,113	.91	18.00	32	42,448	26,423	1,318	62.2
1944	2,420	2,007	37,542	.83	18.70	37	47,840	31,235	1,293	65.3
1945	2,186	1,749	32,535	.80	18.60	41	56,772	36,841	1,395	64.9
1946	2,601	2,142	47,166	.82	22.00	41	53,171	33,361	1,306	62.7
1947	1,394	1,262	35,421	.91	28.10	40	50,098	34,243	1,262	68.4
1948	1,790	1,789	46,379	1.00	25.90	40	49,819	27,591	1,252	55.4
1949 (prel.)	1,239	1,262	30,585	1.02	24.20	37	[25] 49,340	21,475	1,334	56.5

[1] Values are based on season average or Dec. 1 prices. See notes on "Price" column.

[14] Received by farmers. Prices for 1942 through 1943 for sorghums and 1942 through 1944 for soybeans include an allowance for unredeemed loans at average loan value. See also notes on prices for each crop.

[15] Based on the reported price of grain sorghums.

[16] Equivalent solid acreage.

[17] Prices are season average prices, prices of beans being for cleaned beans.

[18] Average for 1929 and 1930.

[19] Bags of 100 pounds (uncleaned).

[20] Farm value of dry edible beans equals the price of cleaned beans applied to the production of cleaned beans rather than to the total production.

[21] Average for 1924 and 1925.

[22] Average for 1919 and 1920.

[23] Dec. 1 prices, 1916 to 1931; beginning 1932, season average prices.

[24] Includes 5,436,000 pounds in 1935, 4,365,000 pounds in 1937, 3,140,000 pounds in 1938, and 2,813,000 pounds in 1939, not available for marketing because of economic conditions and the marketing agreement allotments. Prices and values are computed on the marketed crop.

[25] Value of production obtaine by multiplying preliminary price by approximate quantity allocated to each State for marketing under Mark ing Agreement.

No. 726.—Principal Crops—Acreage, Production, and Value: 1866 to 1949—Continued

Yearly average or year	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [26]	Acreage harvested	Production	Farm value [1]	Yield per acre	Price [26]
	HAY [27]					TOBACCO				
	1,000 acres	*1,000 tons*	*1,000 dollars*	*Short tons*	*Dollars per ton* [28]	*1,000 acres*	*1,000 pounds*	*1,000 dollars*	*Lbs.*	*Cents per lb.* [29]
1866–1875	20,296	23,356	332,744	1.15	14.21	450	339,207	34,829	754	10.3
1876–1885	28,704	36,056	350,467	1.26	9.72	711	518,825	38,817	730	7.5
1886–1895	39,492	48,007	427,727	1.22	8.91	916	669,297	52,244	731	7.8
1896–1900	42,467	54,137	422,324	1.27	7.80	1,064	818,926	53,822	770	6.6
1901–1905	46,147	61,592	557,465	1.33	9.05	1,126	923,378	67,718	820	7.3
1906–1910	50,542	66,001	706,860	1.31	10.71	1,173	977,983	95,630	834	9.8
1911–1915	67,402	80,341	906,605	1.19	11.28	1,286	1,048,825	107,974	816	10.3
1916–1920	72,407	90,020	1,513,078	1.24	16.81	1,742	1,386,048	322,244	795	23.2
1921–1925	73,322	87,935	1,085,952	1.20	12.35	1,653	1,279,550	247,642	774	19.4
1926–1930	69,118	83,980	948,691	1.22	11.30	1,831	1,410,902	249,531	771	17.7
1931–1935	68,190	76,969	651,795	1.13	8.47	1,569	1,268,339	175,681	808	13.9
1936–1940	68,842	85,404	708,531	1.24	8.30	1,641	1,491,701	277,578	909	18.6
1941–1945	75,905	103,577	1,390,660	1.36	13.43	1,543	1,605,077	618,132	1,040	38.5
1939	69,243	86,533	686,903	1.25	7.94	2,000	1,880,629	288,889	940	15.4
1940	73,058	96,050	728,763	1.31	7.59	1,410	1,460,441	234,453	1,036	16.1
1941	73,136	95,754	928,568	1.31	9.70	1,306	1,261,839	333,085	966	26.4
1942	74,827	107,717	1,161,362	1.44	10.80	1,377	1,408,394	519,503	1,023	36.9
1943	77,004	103,128	1,523,795	1.34	14.80	1,458	1,406,190	569,974	964	40.5
1944	77,541	102,745	1,698,149	1.33	16.50	1,751	1,954,699	820,447	1,116	42.0
1945	77,017	108,539	1,641,426	1.41	15.10	1,822	1,994,262	848,926	1,094	42.6
1946	74,173	100,739	1,678,505	1.36	16.70	1,963	2,321,596	1,046,442	1,182	45.1
1947	75,489	102,765	1,809,234	1.36	22.30	1,853	2,110,131	918,633	1,139	43.5
1948	73,208	99,471	2,349,505	1.36	23.60	1,554	1,980,325	953,897	1,274	48.2
1949 (prel.)	72,835	99,305	2,163,659	1.36	21.80	1,626	1,990,129	912,671	1,224	45.9
	SORGHUMS FOR FORAGE					ORANGES AND TANGERINES (5 STATES) [30]				
	1,000 acres	*1,000 tons*	*1,000 dollars*	*Short tons*	*Dols. per ton* [31]		*1,000 boxes* [32]	*1,000 dollars* [33]		*Dols. per box* [33]
1919–1920	----	----	----	----	----	----	29,097	69,625	----	2.39
1921–1925	----	----	----	----	----	----	31,650	72,772	----	2.30
1926–1930	[34] 4,849	[34] 6,505	[34] 63,763	[34] 1.34	[34] 9.80	----	43,096	100,560	----	2.33
1931–1935	7,103	8,628	55,114	1.21	6.39	----	52,950	64,016	----	1.22
1936–1940	8,640	10,934	64,616	1.27	5.91	----	73,721	76,669	----	1.06
1941–1945	8,368	12,612	110,375	1.51	8.75	----	99,745	246,689	----	2.47
1939	9,826	11,716	68,177	1.19	5.82	----	75,742	70,847	----	.95
1940	11,729	16,110	84,119	1.37	5.22	----	85,510	99,910	----	1.19
1941	10,481	17,069	89,549	1.63	5.25	----	85,163	131,327	----	1.56
1942	7,865	13,640	75,712	1.73	5.55	----	89,349	218,532	----	2.46
1943	8,404	10,982	142,848	1.31	13.00	----	106,651	279,622	----	2.64
1944	7,587	11,553	125,807	1.52	10.90	----	113,210	300,024	----	2.69
1945	7,504	9,816	117,957	1.31	12.00	----	104,350	303,939	----	2.93
1946	6,240	8,601	125,755	1.38	14.60	----	118,540	179,429	----	1.55
1947	4,871	6,078	105,236	1.25	17.30	----	114,510	145,429	----	1.29
1948	5,139	7,602	118,670	1.48	15.60	----	104,020	175,190	----	1.70
1949 (prel.)	4,164	6,541	82,492	1.57	12.60	----	110,000	172,106	----	1.56

[1] Value based on season average or Dec. 1 prices. See notes on "Price" column.

[26] Received by farmers. Prices as of Dec. 1 except as noted.

[27] Tame hay only, prior to 1911.

[28] Prices are season average prices beginning 1911; Dec. 1 prices theretofore.

[29] Prices are season average prices beginning 1919; Dec. 1 prices theretofore.

[30] Prior to 1942, data are for 7 States. Production figures include fruit consumed on farms, sold locally, and used for manufacturing, as well as that shipped; they exclude fruit which ripened on trees but was destroyed prior to picking. Figures relate to crop produced from bloom of year shown. In California, picking season usually extends from about Oct. 1 to Dec. 31 of following year. In other States, season begins about Oct. 1 and ends in early summer.

[31] Prior to 1942, price of sweet sorghums for forage and hay.

[32] Net content of boxes varies. In California and Arizona, approximate average is 77 lbs.; in other states, 90 lbs. Production includes following quantities donated to charity, unharvested, and/or eliminated on account of economic conditions (1,000 boxes): 1933, 977; 1934, 1,395; 1935, 614; 1936, 1,023; 1937, 1,204; 1938, 2,949; 1939, 1,236; 1940, 1,322; 1941, 762; 1942, 654; 1943, 830; 1944, 1,771; 1945, 731; 1946, 2,639; 1947, 1,563; 1948, 879. Price and value are computed on remaining crop.

[33] Season average returns to growers. Price and value apply to entire crop exclusive of that portion donated to charity, unharvested, and/or eliminated on account of market conditions. (See note 32.) Prices are equivalent packing-house-door returns for all methods of sale and are weighted by production to obtain U. S. averages.

[34] Average for 1929 and 1930.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics, and annual summaries of crop statistics.

No. 727.—Corn—Acreage, Production, and Value, by States: 1938 to 1949

[Pounds per bushel, 56. Covers corn for all purposes, including hogged and siloed corn and that cut and fed without removing ears, as well as that husked and snapped for grain. Prices are season average prices received by farmers. See also *Historical Statistics*, E 181–183, for U. S. totals for acreage harvested, production, and price]

Division and state	Acreage harvested			Yield per acre			Production			Price for crop of—		Farm value	
	1938–47, avg.	1948	1949[1]	1938–47, avg.	1948	1949[1]	1938–47, avg.	1948	1949[1]	1948	1949[1]	1948	1949[1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Bu.*	*Bu.*	*Bu.*	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*	*Cts. per bu.*	*Cts. per bu.*	*1,000 dol.*	*1,000 dol.*
U. S.	88,617	86,067	86,735	31.4	42.8	38.9	2,787,628	3,681,793	3,377,790	129	119	4,752,652	4,017,810
N. E.:													
Maine	13	10	11	39.7	34.0	42.0	529	340	462	180	170	612	785
N. H	13	11	12	42.0	37.0	44.0	562	407	528	170	160	692	845
Vt	64	52	57	38.8	44.0	45.0	2,488	2,288	2,565	170	160	3,890	4,104
Mass	41	35	37	42.1	41.0	41.0	1,705	1,435	1,517	170	160	2,440	2,427
R. I	8	7	7	38.8	37.0	38.0	325	259	266	170	160	440	426
Conn	49	45	45	41.7	40.0	40.0	2,031	1,800	1,800	170	160	3,060	2,880
M. A.:													
N. Y	671	678	705	35.8	40.0	42.0	24,063	27,120	29,610	145	145	39,324	42,934
N. J	189	193	181	39.4	50.0	45.0	7,412	9,650	8,145	145	140	13,992	11,403
Pa	1,336	1,406	1,378	40.6	46.5	46.5	54,239	65,379	64,077	140	140	91,531	89,708
E. N. C.:													
Ohio	3,423	3,691	3,617	46.9	58.5	56.0	160,389	215,924	202,552	125	115	269,905	232,935
Ind	4,235	4,751	4,751	46.3	60.0	52.0	196,245	285,060	247,052	125	115	356,325	284,110
Ill	8,250	9,252	9,252	48.3	61.0	56.0	398,442	564,372	518,112	125	115	705,465	595,829
Mich	1,643	1,721	1,790	34.0	39.0	48.0	55,653	67,119	85,920	130	120	87,255	103,104
Wis	2,443	2,545	2,596	41.3	44.5	50.0	101,106	113,252	129,800	125	115	141,565	149,270
W. N. C.:													
Minn	5,017	5,182	5,648	40.6	52.5	44.0	203,090	272,055	248,512	120	110	326,466	273,363
Iowa	10,148	11,191	11,303	50.1	60.5	49.0	507,760	677,056	553,847	130	120	880,173	664,616
Mo	4,235	4,420	4,243	30.2	45.5	41.0	128,558	201,110	173,963	130	120	261,443	208,756
N. Dak	1,132	1,130	1,198	21.2	26.0	19.5	24,157	29,380	23,361	125	110	36,725	25,697
S. Dak	3,376	3,652	3,944	22.8	36.0	21.0	79,028	131,472	82,824	120	110	157,766	91,106
Nebr	7,502	7,013	7,364	23.5	36.0	32.5	180,307	252,468	239,330	125	115	315,585	275,230
Kans	2,870	2,427	2,524	21.0	33.5	29.0	61,169	81,304	73,196	130	120	105,695	87,835
S. A.:													
Del	140	139	146	28.4	31.0	30.0	3,976	4,309	4,380	135	120	5,817	5,256
Md	472	488	483	34.7	39.0	38.0	16,382	19,032	18,354	130	120	24,742	22,025
Va	1,270	1,175	1,140	29.0	43.0	47.0	36,520	50,525	53,580	140	135	70,735	72,333
W. Va	364	297	267	32.8	44.0	44.0	11,772	13,068	11,748	155	135	20,255	15,860
N. C	2,320	2,226	2,159	23.0	31.0	35.0	53,124	69,006	75,565	135	130	93,158	98,234
S. C	1,587	1,418	1,404	16.0	20.0	22.5	25,235	28,360	31,590	145	130	41,122	41,067
Ga	3,751	3,173	3,300	12.2	15.5	18.0	45,255	49,182	59,400	145	120	71,314	71,280
Fla	717	691	691	10.6	10.0	13.0	7,612	6,910	8,983	170	130	11,747	11,678
E. S. C.:													
Ky	2,452	2,440	2,367	29.1	41.0	37.5	70,856	100,040	88,762	130	120	130,052	106,514
Tenn	2,475	2,255	2,120	25.8	33.0	32.5	63,487	74,415	68,900	135	125	100,460	86,125
Ala	3,151	2,736	2,736	14.0	21.5	21.0	43,596	58,824	57,456	140	130	82,354	74,693
Miss	2,721	2,231	2,075	16.1	24.0	23.0	43,506	53,544	47,725	135	130	72,284	62,042
W. S. C.:													
Ark	1,814	1,285	1,182	17.7	26.5	24.0	31,979	34,052	28,368	140	125	47,673	35,460
La	1,310	922	802	15.6	18.5	23.0	20,296	17,057	18,446	160	135	27,291	24,902
Okla	1,634	1,285	1,336	17.4	25.0	22.0	28,382	32,125	29,392	135	115	43,369	33,801
Tex	4,212	2,709	2,587	16.1	16.5	22.5	67,694	44,698	58,208	155	115	69,282	66,939
Mt.:													
Mont	181	199	185	16.4	19.0	8.5	2,991	3,781	1,572	155	145	5,861	2,279
Idaho	38	28	34	44.0	45.0	47.0	1,698	1,260	1,598	160	155	2,016	2,477
Wyo	110	56	62	14.2	18.0	17.5	1,521	1,008	1,085	140	145	1,411	1,573
Colo	853	596	679	16.6	24.0	25.5	13,902	14,304	17,314	135	135	19,310	23,374
N. Mex	177	135	135	14.0	14.0	16.0	2,474	1,890	2,160	160	155	3,024	3,348
Ariz	34	34	35	10.5	12.0	12.0	354	408	420	215	195	877	819
Utah	24	23	25	29.9	27.0	36.0	726	621	900	180	155	1,118	1,395
Nev	3	3	3	31.4	27.0	30.0	87	81	90	180	165	146	148
Pac.:													
Wash	25	16	17	43.0	53.0	52.0	1,034	848	884	165	150	1,399	1,326
Oreg	47	30	30	34.0	35.0	36.5	1,565	1,050	1,095	165	155	1,732	1,697
Calif	73	65	72	32.2	33.0	33.0	2,342	2,145	2,376	175	160	3,754	3,802

[1] Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 728.—Wheat—Acreage, Production, and Value, by States: 1938 to 1949

[Pounds per bushel, 60. Prices are season average prices received by farmers. See also *Historical Statistics*, series E 186-188, for U. S. totals for acreage harvested, production, and price]

Division and state	Acreage harvested			Yield per acre			Production			Price for crop of—		Farm value	
	1938-47, avg.	1948	1949[1]	1938-47, avg.	1948	1949[1]	1938-47, avg.	1948	1949[1]	1948	1949[1]	1948	1949[1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Bu.*	*Bu.*	*Bu.*	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*	*Cts. per bu.*	*Cts. per bu.*	*1,000 dol.*	*1,000 dol.*
U. S.	**59,854**	**73,017**	**76,751**	**16.6**	**18.0**	**14.9**	**991,950**	**1,313,534**	**1,146,463**	**200**	**186**	**2,622,558**	**2,133,125**
M. A.:													
N. Y.	299	454	421	24.5	27.4	27.9	7,364	12,452	11,760	206	180	25,651	21,168
N. J.	58	82	83	22.6	21.5	24.0	1,313	1,763	1,992	222	185	3,914	3,685
Pa.	891	966	918	20.6	19.0	23.0	18,461	18,354	21,114	209	180	38,360	38,005
E. N. C.:													
Ohio	1,934	2,353	2,353	22 3	24.5	25 5	43,274	57,648	60,002	209	175	120,484	105,004
Ind.	1,403	1,775	1,757	19.2	21.5	22 5	27,271	38,162	39,532	207	175	78,995	69,181
Ill.	1,477	1,710	2,016	18.6	24.0	24 5	28,160	41,049	49,379	209	180	85,792	88,882
Mich.	851	1,395	1,297	23.2	26 0	27.0	19,976	36,270	35,019	207	180	75,079	63,034
Wis.	85	123	112	19.9	23.6	22.5	1,693	2,906	2,520	204	190	5,928	4,788
W. N. C.:													
Minn.	1,425	1,056	1,281	17.2	17.5	15.7	24,066	18,447	20,058	205	204	37,816	40,918
Iowa	242	316	416	19.0	23 4	18.9	4,547	7,393	7,856	202	185	14,934	14,534
Mo.	1,414	1,785	1,946	15.2	22.0	18.0	21,680	39,270	35,028	204	180	80,111	63,050
N. Dak.	8,731	9,820	10,466	14.6	14.4	10.6	127,404	140,958	111,439	203	203	286,145	226,221
S. Dak.	2,990	3,848	4,074	12.3	13.1	8.4	37,530	50,391	34,276	199	194	100,278	66,495
Nebr.	3,331	4,072	3,761	17.5	20.4	14.5	58,994	82,988	54,408	198	190	164,316	103,375
Kans.	11,793	13,221	14,279	15.3	17.5	11.5	180,657	231,368	164,208	197	185	455,795	303,785
S. A.:													
Del.	66	68	65	19.6	14 5	18.5	1,289	986	1,202	214	185	2,110	2,224
Md.	358	377	362	19.8	16.0	19.0	7,128	6,032	6,878	213	185	12,848	12,724
Va.	498	497	472	15.9	18.5	18.5	7,904	9,194	8,732	216	190	19,859	16,591
W. Va.	99	85	77	16.7	19.5	19.5	1,624	1,658	1,502	212	190	3,515	2,854
N. C.	459	390	445	14.8	15 5	13.0	6,805	6,045	5,785	228	200	13,783	11,570
S. C.	225	238	193	13.5	14.0	10.0	3,029	3,332	1,930	219	205	7,297	3,956
Ga.	190	221	190	12 0	13.5	12.0	2,293	2,984	2,280	220	195	6,565	4,446
E. S. C:	371	324	301	14.9	16.0	17.5	5,569	5,184	5,268	213	185	11,042	9,746
Ky.	356	370	300	13.4	14.5	14.5	4,727	5,365	4,350	220	190	11,803	8,265
Tenn.	12	15	12	13.6	15.5	15.0	171	232	180	225	190	522	342
Ala.	[2] 11	14	12	[2] 25 0	22.0	22.0	[2] 249	308	264	217	180	668	475
Miss.	34	30	26	11.8	17.5	15.0	390	525	390	211	185	1,108	722
W. S. C.:	4,958	6,825	6,825	13.5	14.5	13.0	67,428	98,962	88,725	200	180	197,924	159,705
Ark.	4,289	5,629	7,093	12.2	10.5	14.5	53,944	59,104	102,848	201	180	118,799	185,126
Okla.													
Tex.	3,852	4,875	5,140	16.8	19.2	12.5	64,160	93,718	64,080	188	186	176,190	119,189
Mt.:	1,054	1,413	1,537	27.7	25.4	24.8	29,316	35,931	38,106	182	178	65,394	67,829
Mont.	237	337	378	17.3	19.8	20.6	4,174	6,658	7,799	185	179	12,317	13,960
Idaho	1,451	3,074	2,884	18.3	21.0	17.2	27,703	64,605	49,551	190	185	122,750	91,669
Wyo.	325	378	402	11.6	9.2	12.3	3,872	3,487	4,940	198	180	6,904	8,892
Colo.	30	28	28	21.3	23.0	25.0	628	644	700	216	190	1,391	1,330
N. Mex.	268	409	428	23.3	21.3	22.1	6,273	8,695	9,440	188	175	16,347	16,520
Ariz.	18	24	24	27.2	29.5	30.8	473	709	738	196	186	1,390	1,373
Utah.													
Nev.	2,245	2,766	2,707	25.8	28.7	21.2	57,787	79,268	57,511	196	195	155,365	112,146
Pac.:	868	1,052	1,050	24.5	28.5	22.1	21,187	29,954	23,203	201	200	60,208	46,406
Wash.	655	602	620	17.6	17.5	18.5	11,429	10,535	11,470	217	200	22,861	22,940
Oreg.													
Calif.													

[1] Preliminary.

[2] Short-time average.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 729.—Wheat Flour Production: 1944 to 1948

[1,000 sacks of 100 lbs. Excludes production of custom mills and small merchant mills. Mills included account for nearly 100 percent of total wheat flour production]

STATE	1944	1945	1946	1947	1948
United States	236,369	269,804	273,197	305,499	279,133
California	4,725	4,945	4,403	4,860	4,000
Colorado	3,063	4,266	4,583	5,487	5,540
Georgia	611	701	609	753	532
Idaho	1,486	1,867	2,248	2,583	2,259
Illinois	13,270	14,741	12,649	14,322	14,197
Indiana	3,404	3,671	4,306	4,453	4,155
Iowa	4,111	4,407	4,463	4,459	3,720
Kansas	36,926	40,429	43,883	52,124	51,119
Kentucky	3,432	3,545	3,637	4,633	3,933
Maryland	963	1,424	1,431	1,437	1,401
Michigan	3,308	4,065	4,381	4,452	4,629
Minnesota	29,126	35,139	33,910	40,080	31,055
Missouri	18,925	22,850	23,020	27,377	26,491
Montana	2,947	3,426	4,121	4,267	3,615
Nebraska	6,237	7,327	7,379	8,521	7,990
New York	29,891	32,028	33,455	32,476	30,183
North Carolina	1,501	1,700	1,702	2,442	2,246
North Dakota	3,143	4,089	4,198	4,765	3,307
Ohio	9,211	9,701	9,377	9,142	9,599
Oklahoma	10,870	12,037	12,170	14,300	13,149
Oregon	6,638	7,617	7,095	7,411	5,893
Pennsylvania	1,464	2,021	2,338	2,834	2,401
South Carolina	235	310	335	264	319
Tennessee	3,990	4,250	4,166	4,780	3,784
Texas	14,897	18,888	19,087	21,609	19,608
Utah	2,901	3,344	3,292	3,693	3,704
Virginia	2,772	3,319	3,338	3,913	3,462
Washington	12,192	13,216	12,854	12,639	11,791
West Virginia	213	282	326	(1)	(1)
Wisconsin	2,110	2,022	2,101	2,481	2,519
Other States	1,807	2,177	2,340	2,942	2,532

[1] Included in "Other States."

Source: Department of Commerce, Bureau of the Census. Published monthly in Facts for Industry Series M16A.

No. 730.—Wheat—Supply and Disappearance: 1926 to 1948

[All figures, except per capita, in thousands of bushels; pounds per bushel, 60. For years beginning July 1. For continental United States only. See also *Historical Statistics*, series E 190–195]

ITEM	1926–1930, average	1931–1935, average	1936–1940, average	1941–1945, average	1945	1946	1947	1948 (prel.)
Supply, total	1,034,028	987,798	985,030	1,467,813	1,389,402	1,253,191	1,451,129	1,511,042
Stocks, July 1, total	167,405	296,859	181,289	446,028	279,180	100,088	83,813	195,991
On farms	35,258	63,697	58,311	126,059	87,703	41,606	40,477	94,511
Interior mills, elevators, and warehouses	34,453	42,924	27,340	78,484	42,129	8,376	10,116	39,645
Commercial stocks [1]	55,111	119,717	40,941	135,872	67,185	29,917	8,129	34,065
Merchant mills [1 2]	42,583	70,521	54,697	81,717	58,463	12,838	24,591	34,240
C. C. C. wheat in transit and in steel and wood bins				23,896	23,700	7,351	500	2,530
New crop	866,470	680,868	795,912	984,700	1,108,224	1,153,046	1,367,186	1,313,534
Imports (flour included) [3]	153	10,071	7,829	37,085	1,998	57	130	1,517
Disappearance, total	823,497	725,354	750,947	1,078,714	1,289,314	1,169,378	1,255,138	1,203,695
Food	(4)	471,049	477,567	481,965	467,054	477,341	484,631	479,371
Feed	(4)	129,999	129,014	302,661	304,333	181,713	187,721	129,504
Other	(4)	124,306	144,366	294,088	517,927	510,324	582,786	594,820
Stocks, June 30 [5]	210,531	262,444	234,084	389,099	100,088	83,813	195,991	307,347

[1] Prior to 1937 some new wheat included, thereafter only old-crop wheat.
[2] Estimated total based on Bureau of Census item, "In mills and mill elevators attached to mills," 1926–44.
[3] Imports include full duty wheat, wheat imported for feed and dutiable flour in terms of wheat.
[4] Not available prior to 1930. [5] For individual items see supply, above.

Source: Department of Agriculture, Bureau of Agricultural Economics, except for imports which are from Bureau of Census. Published in annual report, Agricultural Statistics, and in The Wheat Situation.

No. 731.—Grain Prices—Average Market Prices, by Kind, by Market: 1909 to 1948

[Weighted average market price per bushel of reported cash sales]

Yearly average or crop year beginning—	Wheat, July-June			Corn, Nov.-Oct.		Oats, Aug.-July		Barley, Aug.-July	Rye, July-June	Flaxseed, Aug.-July [1]	Kafir, Nov.-Oct. [2]
	No. 1, Dark Northern Spring, Minneapolis	No. 2, Hard Winter, Kansas City	No. 2, Red Winter, Chicago	No. 3, Yellow, Chicago	No. 3, Yellow, Kansas City	No. 3, White, Chicago	No. 3, White, Minneapolis	No. 2, Minneapolis [3]	No. 2, Minneapolis	No. 1, Minneapolis	No. 2, White, Kansas City
1909–1913	[4] $0.99	$0.95	$0.99	$0.61	$0.60	$0.40	$0.38	$0.64	$0.70	$1.91	$1.34
1914–1920	[4] 1.90	1.70	1.83	1.15	1.12	.60	.58	1.02	1.43	3.03	2.17
1921–1925	1.44	1.27	1.33	.79	.78	.42	.38	.65	.87	2.47	1.52
1926–1930	1.26	1.16	1.26	.85	.79	.44	.42	.65	.88	2.32	1.31
1931–1935	.93	.78	.78	.57	.57	.31	.32	.66	.57	1.61	1.05
1936–1940	1.08	.92	.93	.69	.68	.35	.33	.72	.64	1.86	1.06
1941–1945	1.45	1.40	1.48	1.19	1.12	.63	.61	1.12	1.08	2.80	1.95
1937	1.28	1.11	1.20	.56	.55	.30	.29	.78	.74	2.07	.85
1938	.79	.70	.70	.49	.48	.28	.27	.53	.44	1.78	.82
1939	.97	.74	.76	.56	.58	.37	.33	.55	.56	1.65	1.11
1940	.90	.82	.86	.67	.59	.36	.30	.52	.51	1.65	.93
1941	1.10	1.12	1.12	.80	.78	.49	.46	.79	.65	2.11	1.19
1942	1.29	1.26	1.36	.94	.90	.54	.50	.92	.73	2.58	1.85
1943	1.55	1.45	1.67	1.14	1.13	.76	.74	1.29	1.08	3.05	2.27
1944	1.59	1.56	1.58	1.15	1.10	.71	.67	1.30	1.22	3.10	2.01
1945	1.71	1.60	1.68	1.92	1.67	.67	.67	1.31	1.72	3.14	2.42
1946	2.34	2.09	2.09	1.84	1.54	.92	.85	1.78	2.55	4.82	2.91
1947	2.88	2.52	2.46	2.14	2.34	1.06	1.14	2.32	2.65	6.38	3.15
1948	2.37	2.19	2.27	1.35	1.31	.72	.71	1.40	1.57	5.98	2.35

[1] Average closing price through December 1920.
[2] Price per 100 pounds.
[3] Special No. 2, 1929–33; No 2 Malting, thereafter.
[4] No. 1 Northern Spring.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics, and records.

No. 732.—Wheat—Exports and Imports: 1852 to 1949

[Pounds per bushel of wheat, 60; per barrel of wheat flour, 196]

Yearly average or year ending June 30—	Exports (excl. re-exports)			Imports—wheat and flour [1] [2]	Yearly average or year ending June 30—	Exports (excl. re-exports)			Imports—wheat and flour [1] [2]
	Wheat (grain)	Wheat flour	Wheat and flour [1]			Wheat (grain)	Wheat flour	Wheat and flour [1]	
	1,000 bushels	*1,000 barrels*	*1,000 bushels*	*1,000 bushels*		*1,000 bushels*	*1,000 barrels*	*1,000 bushels*	*1,000 bushels*
1852–1856	4,715	2,892	19,173	4,178	1937–1941	41,189	5,679	67,879	16,512
1857–1861	12,378	3,318	28,970	6,979	1942–1946	55,255	9,602	100,386	47,354
1862–1866	22,530	3,531	40,184	[3] 4,728	1935	3,019	3,939	21,532	25,134
1867–1871	22,107	2,585	35,032	1,818	1936	311	3,323	15,929	46,638
1872–1876	48,958	3,416	66,037	1,680	1937	3,168	3,918	21,584	47,924
1877–1881	107,781	5,376	133,263	906	1938	83,740	4,990	107,194	3,561
1882–1886	82,884	8,620	121,675	517	1939	84,589	6,637	115,784	9,623
1887–1891	64,739	11,287	115,529	352	1940	23,636	6,519	54,274	10,430
1892–1896	99,914	15,713	170,624	1,634	1941	10,810	6,329	40,557	11,024
1897–1901	120,247	17,151	197,427	1,280	1942	12,632	4,986	36,064	15,576
1902–1906	70,527	15,444	140,026	993	1943	6,555	5,712	33,401	8,752
1907–1911	62,855	11,841	116,138	706	1944	11,942	8,342	51,149	147,379
1912–1916	129,415	13,185	188,748	2,996	1945	19,010	8,232	57,701	51,866
1917–1921	155,646	19,167	241,899	26,064	1946	226,263	20,718	318,827	13,550
1922–1926	140,149	14,274	207,237	17,473	1947 [4]	175,106	42,410	367,207	2,025
1927–1931	114,781	12,763	174,766	16,491	1948 [4]	304,688	39,951	480,186	149
1932–1936	27,908	4,763	50,295	21,106	1949 [4]	375,197	28,922	502,425	4,630

[1] Flour converted to grain at rate of 5 bushels to a barrel, 1852 to 1879; 4½, 1880 to 1921; 4.7 thereafter.
[2] Imports for consumption beginning 1933; general imports prior thereto.
[3] 1862–65; no data for 1866.
[4] Effective Jan. 1, 1947, export data include shipments under Army Civilian Supply Program.

Source: Department of Agriculture, Office of Foreign Agricultural Relations, compiled from official records of Bureau of Census; published currently in Foreign Agricultural Trade.

No. 733.—Oats—Acreage, Production, and Value, by States: 1938 to 1949

[Pounds per bushel, 32. Prices are season average prices received by farmers. See also *Historical Statistics*, series E 196-198, for U. S. totals for acreage harvested, production and price]

Division and state	Acreage harvested			Yield per acre			Production			Price for crop of—		Farm value	
	1938-47, avg.	1948	1949[1]	1938-47, avg.	1948	1949[1]	1938-47, avg.	1948	1949[1]	1948	1949[1]	1948	1949[1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Bu.*	*Bu.*	*Bu.*	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*	*Cts. per bu.*	*Cts. per bu.*	*1,000 dol.*	*1,000 dol.*
U. S.	38,347	40,198	40,560	32.1	37.1	32.6	1,234,082	1,493,304	1,322,924	72.9	63.4	1,088,079	838,491
N. E.:													
Maine	89	68	95	37.7	43.0	42.0	3,339	2,924	3,990	83	75	2,427	2,992
N. H	7	6	5	36.2	40.0	37.0	249	240	185	98	100	235	185
Vt	46	40	38	32.1	37.0	31.0	1,507	1,480	1,178	98	100	1,450	1,178
Mass	6	8	8	31.7	34.0	31.0	194	272	248	99	100	269	248
R. I	1	1	1	31.1	33.0	30.0	31	33	30	99	100	33	30
Conn	5	5	6	33.2	37.0	37.0	170	185	222	99	100	183	222
M. A.:													
N. Y	739	708	779	31.4	40.0	29.0	23,767	28,320	22,591	82	75	23,222	16,943
N. J	45	41	44	29.1	35.0	34.0	1,299	1,435	1,496	87	75	1,248	1,122
Pa	825	767	821	30.5	38.0	30.0	25,294	29,146	24,630	84	75	24,483	18,472
E. N. C.:													
Ohio	1,092	1,202	1,334	36.4	45.0	36.0	40,495	54,090	48,024	76	65	41,108	31,216
Ind	1,278	1,313	1,450	33.3	43.0	38.5	42,807	56,459	55,825	71	60	40,086	33,495
Ill	3,401	3,853	3,930	38.2	47.0	43.0	130,320	181,091	168,990	72	60	130,386	101,394
Mich	1,326	1,472	1,575	37.0	38.5	36.0	49,818	56,672	56,700	73	65	41,371	36,855
Wis	2,555	2,867	2,924	40.0	44.0	41.0	103,365	126,148	119,884	74	65	93,350	77,925
W. N. C.:													
Minn	4,452	4,855	4,952	36.6	42.5	36.0	163,830	206,338	178,272	64	60	132,056	106,963
Iowa	5,266	6,086	6,269	34.8	45.0	38.0	183,472	273,870	238,222	70	60	191,709	142,933
Mo	1,824	1,767	1,802	24.5	27.5	24.0	45,128	48,592	43,248	78	60	37,902	25,949
N. Dak	2,092	2,152	1,700	28.6	28.0	21.5	61,270	60,256	36,550	60	50	36,154	18,275
S. Dak	2,484	3,112	2,956	30.8	33.5	23.0	77,963	104,252	67,988	62	55	64,636	37,393
Nebr	1,972	2,598	2,260	26.8	28.0	22.0	53,767	72,744	49,720	68	60	49,466	29,832
Kans	1,499	1,144	881	24.0	23.0	21.5	36,391	26,312	18,942	80	65	21,050	12,312
S. A.:													
Del	4	5	6	29.6	35.0	30.0	124	175	180	92	75	161	135
Md	38	40	48	30.4	33.5	33.0	1,152	1,340	1,584	91	75	1,219	1,188
Va	125	146	155	25.4	33.5	30.0	3,200	4,891	4,650	91	75	4,451	3,488
W. Va	73	60	63	24.4	29.0	25.5	1,772	1,740	1,606	100	85	1,740	1,365
N. C	305	270	370	26.6	29.5	30.0	8,226	7,965	11,100	103	80	8,204	8,880
S. C	633	528	634	24.2	23.0	26.0	15,462	12,144	16,484	110	85	13,358	14,011
Ga	582	528	591	22.3	26.0	25.0	13,097	13,728	14,775	106	85	14,552	12,559
Fla	23	21	18	16.0	19.0	16.0	401	399	288	170	140	678	403
E. S. C.:													
Ky	88	102	128	21.8	27.0	26.0	1,940	2,754	3,328	100	80	2,754	2,662
Tenn	166	205	254	23.7	29.5	25.0	4,069	6,048	6,350	100	80	6,048	5,080
Ala	203	217	180	21.8	26.5	23.5	4,500	5,750	4,230	117	100	6,728	4,230
Miss	306	333	226	31.9	33.0	30.5	9,708	10,989	6,893	104	90	11,429	6,204
W. S. C.:													
Ark	269	283	246	26.3	32.5	27.0	71,38	9,198	6,642	100	75	9,198	4,982
La	103	112	101	28.6	32.0	29.0	2,919	3,584	2,929	106	90	3,799	2,636
Okla	1,356	949	873	20.1	17.5	20.0	27,370	16,608	17,460	92	70	15,279	12,222
Tex	1,464	863	1,260	22.7	16.5	27.0	33,977	14,240	34,020	97	65	13,813	22,113
Mt.:													
Mont	384	324	279	32.2	36.5	29.0	12,502	11,826	8,091	65	65	7,687	5,259
Idaho	179	150	180	40.9	42.0	41.5	7,326	6,300	7,470	80	75	5,040	5,602
Wyo	132	132	135	30.1	30.0	29.5	3,981	3,960	3,982	77	70	3,049	2,787
Colo	184	194	223	30.7	32.0	33.5	5,684	6,208	7,470	76	70	4,718	5,229
N. Mex	40	38	41	21.8	21.0	23.0	884	798	943	90	85	718	802
Ariz	9	11	11	28.8	30.0	30.0	268	330	330	109	90	360	297
Utah	44	42	45	42.2	42.0	47.0	1,848	1,764	2,115	92	80	1,623	1,692
Nev	7	9	9	40.2	41.0	40.0	291	369	360	93	90	343	324
Pac.:													
Wash	165	148	145	45.4	42.5	47.0	7,480	6,290	6,815	86	80	5,409	5,452
Oreg	297	238	331	31.7	31.5	33.5	9,508	7,497	11,088	98	80	7,347	8,870
Calif	162	185	178	29.4	30.0	27.0	4,781	5,550	4,806	100	85	5,550	4,085

[1] Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 734.—Wheat, Corn, and Oats—Receipts at Primary Markets, by Crop Years: 1941 to 1948

[In thousands of bushels. Pounds per bushel: Wheat, 60; corn, 56; oats, 32]

Year beginning—	Total 12 markets	Chicago	Milwaukee	Minneapolis	Duluth	St. Louis	Kansas City	Peoria	Omaha	Indianapolis	Sioux City	St. Joseph	Wichita
WHEAT													
July 1:													
1941	372,975	19,870	1,202	140,387	70,333	14,717	66,633	3,640	17,842	5,161	5,417	7,699	20,074
1942	513,518	29,948	1,839	182,802	70,881	45,273	98,125	8,936	22,750	9,765	7,223	12,224	23,752
1943	707,788	70,633	8,947	214,770	110,466	79,009	110,110	17,619	34,484	17,508	7,096	15,130	22,022
1944	546,101	41,178	3,592	140,252	125,574	44,519	104,931	9,605	18,662	9,930	4,881	13,320	29,657
1945	575,527	23,383	5,375	119,747	146,874	27,895	135,354	5,045	36,797	12,623	6,834	17,262	38,338
1946	512,020	21,902	3,666	133,868	90,332	18,518	140,281	4,726	40,016	7,363	6,107	16,084	29,067
1947	609,973	42,659	4,963	141,246	104,068	20,609	179,830	3,215	42,346	9,358	4,643	15,098	41,938
1948	629,365	33,485	5,489	153,740	125,373	28,283	159,090	4,130	51,085	9,997	5,383	18,473	34,837
CORN													
Oct. 1:													
1941	307,499	97,035	11,097	20,488	18,444	22,377	29,013	43,381	24,321	25,047	9,285	7,011	------
1942	317,699	104,199	9,726	13,297	5,719	31,834	32,721	39,002	35,519	20,681	14,391	10,591	16
1943	253,147	87,220	8,125	9,659	300	30,472	29,954	29,907	28,920	14,455	4,019	10,010	106
1944	392,350	105,219	9,970	30,072	6,057	47,899	50,375	33,818	50,283	24,340	17,589	16,570	158
1945	271,655	100,046	8,523	19,742	691	17,476	22,379	26,800	33,145	20,249	15,228	7,289	27
1946	447,212	165,204	11,190	25,367	4,462	35,846	46,620	44,529	52,542	30,524	17,706	13,220	2
1947	231,657	86,265	5,751	18,268	5,109	14,933	18,677	26,448	20,797	16,968	13,998	4,443	------
1948	345,286	126,250	7,874	30,461	16,016	26,172	27,870	27,125	28,920	25,108	22,100	7,388	2
OATS													
July 1:													
1941	91,943	22,440	900	37,050	2,118	3,478	3,846	2,266	4,781	6,668	2,198	6,198	------
1942	117,545	18,959	225	53,188	3,338	7,457	6,758	2,617	8,913	4,356	5,916	5,818	------
1943	134,738	17,765	396	52,144	15,695	10,439	7,018	3,505	8,863	4,318	8,529	5,840	226
1944	134,120	22,181	1,114	57,603	15,565	8,234	3,676	2,462	8,402	2,253	7,040	5,536	54
1945	219,135	37,335	4,850	80,397	28,434	9,901	10,051	4,827	13,373	5,151	18,359	6,374	83
1946	196,960	44,579	3,927	69,757	15,594	11,057	10,562	3,890	10,104	6,280	15,144	6,066	------
1947	154,329	30,391	5,458	61,730	12,809	5,147	4,543	3,983	8,077	3,456	13,879	4,855	1
1948	142,217	35,479	1,608	41,687	13,185	6,589	7,148	3,613	8,192	5,140	14,115	5,449	12

Source: Department of Agriculture, Bureau of Agricultural Economics. Compiled from Chicago Daily Trade Bulletin through May 1942; Chicago Journal of Commerce beginning June 1942.

No. 735.—Average Prices Received by Farmers for Specified Crops: 1946 to 1949

[Prices for wheat, corn, oats, and potatoes are in cents per bushel; for cotton in cents per pound; and for hay in dollars per ton. For season average prices, see table 726, p. 610]

Product	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15
Wheat:												
1946	154.0	155.0	158.0	158.0	[1] 170.0	174.0	187.0	178.0	179.0	188.0	189.0	193.0
1947	191.0	199.0	244.0	240.0	239.0	218.0	214.0	210.0	243.0	266.0	274.0	279.0
1948	281.0	212.0	221.0	229.0	222.0	211.0	203.0	196.0	197.0	198.0	204.0	205.0
1949	202.0	194.0	198.0	200.0	200.0	186.0	182.0	179.0	187.0	189.0	190.0	193.0
Corn:												
1946	110.0	111.0	114.0	116.0	135.0	142.0	196.0	180.0	173.0	169.0	127.0	122.0
1947	121.0	123.0	150.0	163.0	159.0	185.0	201.0	219.0	240.0	223.0	219.0	237.0
1948	246.0	192.0	211.0	219.0	216.0	216.0	202.0	191.0	178.0	138.0	121.0	123.0
1949	125.0	112.0	118.0	122.0	122.0	121.0	125.0	118.0	116.0	109.0	102.0	113.0
Oats:												
1946	71.7	73.1	75.1	76.1	79.5	80.9	84.7	73.4	74.7	79.9	78.2	80.8
1947	79.6	79.7	89.0	87.5	88.8	91.5	92.2	94.8	108.0	109.0	109.0	118.0
1948	127.0	104.0	117.0	119.0	112.0	107.0	86.6	68.8	68.7	69.9	75.6	76.5
1949	76.2	68.9	70.0	69.8	66.0	60.1	58.3	58.2	61.3	62.3	66.4	69.9
Potatoes:												
1946	145.0	145.0	158.0	160.0	153 0	144.0	143.0	143.0	127.0	122.0	123.0	126.0
1947	128.0	130.0	140.0	145.0	152.0	156.0	167.0	161.0	148.0	148.0	164.0	172.0
1948	187.0	193.0	197.0	205.0	191.0	186.0	164.0	157.0	153.0	142.0	145.0	154.0
1949	166.0	171.0	174.0	181.0	181.0	175.0	155.0	154.0	138.0	130.0	134.0	131.0
Cotton:												
1946	22.36	23.01	22.70	23.59	24.09	25.98	30.83	33.55	35.30	37.69	29.23	29.98
1947	29.74	30.56	31.89	32.26	33.50	34.07	35.88	33.15	31.21	30.65	31.87	34.05
1948	33.14	30.71	31.77	34.10	35.27	35.22	32.99	30.41	30.94	31.08	30.53	29.64
1949	29.27	29.15	28.74	29.91	29.97	30.13	30.08	29.32	29.70	28.70	27.76	26.50
All hay baled:												
1946	19.80	19.90	19.70	19.10	19.10	19.00	19.10	19.20	19.50	20.30	21.40	21.90
1947	22.00	22.20	22.00	22.00	21.50	20.80	19.70	19.70	20.80	21.50	22.00	22.80
1948	23.60	24.30	24.50	24.20	23 10	22.50	22.80	22.40	22.70	23.00	23.30	23.80
1949	24.70	25.50	25.00	23.80	22.50	20.90	20.40	20.80	21.00	21.50	21.50	21.90

[1] Excludes bonus payments of 30 cents per bushel for wheat delivered under Government purchase program.

Source: Department of Agriculture, Bureau of Agricultural Economics. Published currently in Agricultural Prices. Also published in Crops and Markets.

No. 736.—Barley and Rice—Acreage, Production, and Value, by States: 1938 to 1949

[Pounds per bushel of barley, 48; rice (rough), 45. Prices are season average prices received by farmers. See also *Historical Statistics*, series E 200–202, for U. S. barley totals for acreage harvested, production, and price]

Division and state	Acreage harvested			Yield per acre			Production			Price for crop of—		Farm value	
	1938–47 avg.	1948	1949[1]	1938–47 avg.	1948	1949[1]	1938–47 avg.	1948	1949[1]	1948	1949[1]	1948	1949[1]
BARLEY	*1,000 acres*	*1,000 acres*	*1,000 acres*	*Bu.*	*Bu.*	*Bu.*	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*	*Cents per bu.*	*Cents per bu.*	*1,000 dol.*	*1,000 dol.*
U. S.	12,720	11,987	9,879	24.0	26.4	24.1	304,741	315,894	238,104	117	105	369,478	250,172
N. E.:													
Maine	4	4	5	28.5	32.0	31.0	111	128	155	137	140	175	217
Vt	4	2	1	26.0	29.0	23.0	108	58	23	147	140	85	32
M. A.:													
N. Y	118	86	72	26.0	32.0	25.0	3,090	2,752	1,800	129	110	3,550	1,980
N. J	8	13	13	29.3	33.0	40.0	237	429	520	141	95	605	494
Pa	119	114	135	30.4	34.5	40.0	3,568	3,933	5,400	140	90	5,506	4,860
E. N. C.:													
Ohio	30	18	16	25 9	30.0	29.0	774	540	464	135	100	729	464
Ind	48	18	20	24.0	27.0	27.5	1,171	486	550	141	100	685	550
Ill	89	31	30	27.0	35.0	32.0	2,436	1,085	960	134	100	1,454	960
Mich	168	140	125	29.7	32.0	28.5	5,016	4,480	3,562	133	105	5,958	3,740
Wis	413	204	188	32.9	38.0	34.0	13,177	7,752	6,392	143	135	11,085	8,629
W. N. C.:													
Minn	1,334	1,219	1,061	26.2	28.0	24.0	35,477	34,132	25,464	122	125	41,641	31,830
Iowa	196	33	32	25.3	32.0	25.0	5,266	1,056	800	123	110	1,299	880
Mo	126	70	80	20.2	25.0	23.0	2,547	1,750	1,840	137	95	2,398	1,748
N. Dak	2,107	2,640	1,663	21.1	21.0	16.0	45,423	55,440	26,608	109	105	60,430	27,938
S. Dak	1,639	1,518	1,108	20.3	23.0	13.5	33,186	34,914	14,958	108	105	37,707	15,706
Nebr	1,116	472	307	19.1	19.5	19.0	21,398	9,204	5,833	107	90	9,848	5,250
Kans	753	362	221	16.9	19.0	17.0	12,448	6,878	3,757	118	90	8,116	3,381
S. A.:													
Del	8	12	12	29.4	29.5	28 0	219	354	336	133	85	471	286
Md	69	75	83	29.4	31.0	34 0	2,019	2,325	2,822	133	85	3,092	2,309
Va	73	88	90	27 0	34.5	30 0	1,975	3,036	2,700	132	95	4,008	2,565
W. Va	10	10	14	26.0	33.0	30.0	248	330	420	146	105	482	441
N. C	32	34	36	23.7	23.5	25.0	764	799	900	166	120	1,326	1,080
S. C	20	22	23	21.2	21.5	22.5	434	473	518	170	135	804	699
Ga	[2] 7	5	5	[2] 19.5	20.0	19.0	[2] 138	100	95	191	155	191	147
E. S. C.:													
Ky	72	49	63	23.3	27.5	26.0	1,669	1,348	1,638	147	100	1,982	1,638
Tenn	82	75	69	19 8	22.0	18.5	1,624	1,650	1,276	150	105	2,475	1,340
Ala	[2] 3	2	2	[2] 18.9	19.0	24.0	[2] 57	38	48	161	120	61	58
Miss	[2] 3	2	2	[2] 24.9	25.0	25.0	[2] 66	50	50	154	125	77	62
W. S. C.:													
Ark	10	5	4	17.3	20.5	18.0	166	102	72	138	110	141	79
Okla	350	110	92	16.6	15.5	17.5	5,776	1,705	1,610	135	100	2,302	1,610
Tex	240	122	146	16.8	15.5	19.0	4,125	1,891	2,774	134	90	2,534	2,497
Mt.:													
Mont	468	874	524	25.6	28.5	23.0	11,822	24,909	12,052	98	90	24,411	10,847
Idaho	294	341	297	35.6	36.0	34.0	10,448	12,276	10,098	103	95	12,644	9,593
Wyo	112	172	177	29.5	27.5	30.0	3,335	4,730	5,310	103	90	4,872	4,779
Colo	621	587	816	23.8	25.0	28.5	14,948	14,675	23,256	104	90	15,262	20,930
N. Mex	29	27	33	20.5	21.0	22.0	587	567	726	124	110	703	799
Ariz	59	160	136	34.0	40.0	40.0	2,058	6,400	5,440	127	105	8,128	5,712
Utah	113	125	129	44.1	44.0	47.0	4,995	5,500	6,063	117	100	6,435	6,063
Nev	19	28	27	35.6	37.0	36.0	680	1,036	972	124	110	1,285	1,069
Pac.:													
Wash	164	125	99	35.6	34.5	29.0	5,997	4,312	2,871	115	110	4,959	3,158
Oreg	246	371	301	31.4	34.5	33.0	7,872	12,800	9,933	123	120	15,744	11,920
Calif	1,347	1,622	1,622	27.6	30.5	29.0	37,336	49,471	47,038	129	110	63,818	51,742
RICE (ROUGH)													
U. S.	1,357	1,781	1,821	46.6	47.8	49.0	62,944	85,056	89,141	219	184	186,661	164,233
Ark	253	383	402	49.0	53.5	51.0	12,309	20,490	20,502	209	180	42,824	36,904
La	556	631	599	39.0	39.5	41.0	21,542	24,924	24,559	219	185	54,584	45,434
Tex	357	526	526	46.6	46.5	43.0	16,416	24,459	22,618	242	215	59,191	48,629
Calif	192	241	294	66.8	63.0	73.0	12,677	15,183	21,462	198	155	30,062	33,266

[1] Preliminary. [2] Short-time average.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 737.—Rye and Sorghums for Grain—Acreage, Production, and Value, by States: 1938 to 1949

[Pounds per bushel of rye, 56; sorghums for grain, 56 and 50. Prices are season average prices received by farmers]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—		FARM VALUE	
	1938-47, avg.	1948	1949[1]	1938-47, avg.	1948	1949[1]	1938-47, avg.	1948	1949[1]	1948	1949[1]	1948	1949[1]
RYE	*1,000 acres*	*1,000 acres*	*1,000 acres*	*Bu.*	*Bu.*	*Bu.*	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*	*Cents per bu.*	*Cents per bu.*	*1,000 dol.*	*1,000 dol.*
United States	2,874	2,096	1,558	12.1	12.6	12.0	35,109	26,449	18,697	147	123	38,787	23,019
New York	16	18	18	17.4	19.0	19.0	275	342	342	166	140	568	479
New Jersey	16	13	13	16.9	17.5	17.5	265	228	228	155	130	353	296
Pennsylvania	46	16	13	14.7	14.5	15.5	668	232	202	161	125	374	252
Ohio	52	20	15	16.5	18.0	18.0	869	360	270	167	135	601	364
Indiana	100	64	58	13.2	14.5	14.0	1,320	928	812	165	130	1,531	1,056
Illinois	60	53	50	12.6	15.5	15.0	768	822	750	173	130	1,422	975
Michigan	71	80	60	13.8	16.0	15.5	981	1,280	930	145	120	1,856	1,116
Wisconsin	147	92	92	11.2	12.0	13.0	1,705	1,104	1,196	149	125	1,645	1,495
Minnesota	251	239	170	13.6	15.0	15.0	3,512	3,585	2,550	143	120	5,127	3,060
Iowa	32	17	12	15.0	15.5	14.0	494	264	168	153	125	404	210
Missouri	41	35	35	12.1	15.0	14.0	493	525	490	172	130	903	637
North Dakota	543	401	229	11.9	12.0	12.0	6,546	4,812	2,748	131	115	6,304	3,160
South Dakota	521	392	247	12.2	12.0	10.0	6,464	4,704	2,470	135	115	6,350	2,840
Nebraska	365	225	189	10.9	10.0	8.5	4,017	2,250	1,606	141	115	3,172	1,847
Kansas	82	34	26	10.7	11.5	10.5	878	391	273	151	115	590	314
Delaware	14	20	15	13.3	11.5	12.0	186	230	180	151	135	347	243
Maryland	18	21	19	14.4	13.0	14.0	260	273	266	158	140	431	372
Virginia	39	32	25	12.8	15.0	15.0	495	480	375	166	140	797	525
West Virginia	5	2	2	12.0	13.0	13.0	60	26	26	173	145	45	38
North Carolina	40	22	19	10.6	12.5	10.5	407	275	200	229	205	630	410
South Carolina	18	9	9	9.5	8.5	9.5	172	76	86	256	210	195	181
Georgia	16	6	5	8.5	10.0	10.0	124	60	50	258	230	155	115
Kentucky	24	28	27	12.7	15.0	14.0	314	420	378	198	145	832	548
Tennessee	37	30	20	9.9	11.0	10.5	363	330	210	204	155	673	326
Oklahoma	86	36	33	9.2	9.5	9.0	792	342	297	166	115	568	342
Texas	19	30	38	9.4	7.0	8.0	177	210	304	161	100	338	304
Montana	37	30	18	12.3	13.5	9.0	457	405	162	117	105	474	170
Idaho	6	4	3	14.6	13.0	15.0	81	52	45	138	120	72	54
Wyoming	17	7	7	10.2	7.0	12.0	178	49	84	125	100	61	84
Colorado	74	35	28	9.8	8.0	12.5	752	280	350	125	100	350	350
New Mexico	8	5	4	9.8	11.0	13.0	81	55	52	164	125	90	65
Utah	7	7	8	10.0	10.0	9.0	74	70	72	169	155	118	112
Washington	20	18	12	11.6	13.0	10.0	241	234	120	157	135	367	162
Oregon	36	38	27	13.8	14.5	11.0	500	551	297	136	125	744	371
California	12	17	12	11.7	12.0	9.0	136	204	108	147	135	300	146
SORGHUMS FOR GRAIN													
United States	6,292	7,296	6,612	16.0	18.0	23.1	102,398	131,596	152,630	123	97.9	161,946	149,410
Indiana	[2] 2	1	1	[2] 27.0	32.0	32.0	[2] 47	32	32	96	92	31	29
Iowa	3	1	1	21.5	19.5	22.0	65	20	22	100	92	20	20
Missouri	56	25	23	19.0	24.0	22.0	1,080	600	506	119	95	714	481
North Dakota	[2] 5	6	4	[2] 14.3	16.0	12.0	[2] 66	96	48	98	90	94	43
South Dakota	114	20	12	11.0	15.5	10.0	1,220	310	120	98	90	304	108
Nebraska	164	73	65	15.7	23.0	24.5	2,268	1,679	1,592	123	87	2,065	1,385
Kansas	1,243	1,208	1,148	14.8	22.0	23.0	19,300	26,576	26,404	120	87	31,891	22,971
North Carolina	------	21	21	------	22.0	25.0	------	462	525	119	118	550	620
Alabama	[2] 20	54	43	[2] 18.6	23.5	22.0	[2] 394	1,269	946	125	137	1,586	1,296
Arkansas	9	16	14	14.8	22.0	21.5	136	352	301	125	118	440	355
Louisiana	1	1	1	15.8	17.5	19.5	20	18	20	115	118	21	24
Oklahoma	714	605	628	11.7	16.0	16.5	8,471	9,680	10,362	120	104	11,616	10,776
Texas	3,440	4,635	3,869	16.8	16.5	24.0	58,596	76,434	92,676	123	98	94,014	90,822
Colorado	174	172	234	12.6	18.0	18.0	2,205	3,096	4,212	118	87	3,653	3,664
New Mexico	190	267	395	12.5	14.0	22.0	2,663	3,738	8,684	120	95	4,486	8,250
Arizona	38	75	61	34.3	40.0	44.1	1,331	3,000	2,684	137	129	4,110	3,462
California	131	116	92	36.0	36.5	38.0	4,732	4,234	3,496	150	146	6,351	5,104

[1] Preliminary. [2] Short-time average.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 738.—Tobacco—Acreage, Production, and Value, by States: 1938 to 1949

[Prices are season average prices received by farmers]

STATE	ACREAGE HARVESTED			YIELD PER ACRE			PRODUCTION			PRICE FOR CROP OF—	
	1938–47, average	1948	1949 [1]	1938–47, average	1948	1949 [1]	1938–47, average	1948	1949 [1]	1948	1949 [1]
U. S.	*1,000 acres* 1,654.2	*1,000 acres* 1,554.2	*1,000 acres* 1,626.3	*Lbs.* 1,033	*Lbs.* 1,274	*Lbs.* 1,224	*1,000 pounds* 1,718,375	*1,000 pounds* 1,980,325	*1,000 pounds* 1,990,129	*Cents per lb.* 48.2	*Cents per lb.* 45.9
Mass	6.1	8.1	8.2	1,545	1,484	1,540	9,423	12,017	12,624	103.0	87.3
Conn	16.9	19.7	19.3	1,335	1,275	1,319	22,555	25,116	25,464	128.0	112.0
N. Y	.9	.5	.5	1,345	1,300	1,300	1,215	650	650	28.0	--------
Pa	34.1	38.9	38.1	1,433	1,575	1,501	48,934	61,275	57,190	26.3	--------
Ohio	23.5	19.6	20.9	1,036	1,437	1,398	24,165	28,160	29,220	34.9	36.5
Ind	10.1	9.6	10.5	1,084	1,497	1,497	10,957	14,370	15,720	43.4	39.9
Wis	23.0	19.9	20.1	1,465	1,444	1,506	33,653	28,738	30,266	22.8	21.6
Minn	.6	.5	.4	1,210	1,250	1,350	738	625	540	19.0	--------
Mo	6.0	5.1	5.2	1,015	1,150	1,150	6,109	5,865	5,980	47.0	45.5
Kans	.3	.2	.2	984	1,000	1,025	310	200	205	47.0	45.5
Md	40.7	46.6	50.0	765	750	820	31,551	34,950	41,000	54.5	--------
Va	129.3	113.2	120.3	989	1,270	1,141	128,170	143,790	137,262	47.5	44.0
W. Va	3.0	2.9	3.3	967	1,375	1,400	2,853	3,988	4,620	48.8	46.5
N. C	663.1	604.3	631.8	1,025	1,252	1,179	685,066	756,684	745,120	49.7	48.2
S. C	111.9	104.0	111.0	1,035	1,265	1,330	117,124	131,560	147,630	50.3	49.0
Ga	89 9	82.9	93.0	978	1,155	1,254	88,358	95,763	116,590	49.6	42.3
Fla	21.1	20.1	23.0	908	1,037	1,090	19,045	20,846	25,061	87.7	69.1
Ky	362 0	351.2	360.2	1,012	1,329	1,238	368,552	466,853	445,775	43.8	42.1
Tenn	110.9	106.2	109.5	1,068	1,396	1,356	119,098	148,275	148,512	43.8	40.6
Ala	.4	.4	.5	810	900	1,000	312	360	500	40.0	35.0
La	.4	.3	.3	436	800	667	189	240	200	60.0	--------

[1] Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 739.—Corn, Rice, Flaxseed, and Tobacco—Exports and Imports: 1852 to 1949

[Corn and flaxseed in thousands of bushels of 56 pounds; rice and tobacco in thousands of pounds]

YEARLY AVERAGE OR YEAR ENDING JUNE 30—	CORN [1]		RICE [2]		FLAXSEED		UNMANUFACTURED TOBACCO	
	Exports [3]	Imports [4]	Exports [3]	Imports [4]	Exports [3]	Imports [4]	Exports [3]	Imports [4]
1852–1856	7,123	--------	56,515	--------	11	1,133	140,184	5,044
1857–1861	6,558	[5] 48	65,732	--------	7	[6] 2,730	167,711	7,154
1862–1866	12,060	56	2,258	70,893	16	1,037	140,208	4,132
1867–1871	9,924	75	1,857	52,954	([7])	[8] 2,018	194,754	5,631
1872–1876	38,561	57	391	72,526	([7])	2,915	241,848	8,886
1877–1881	88,190	42	602	62,615	([7])	1,224	266,315	7,871
1882–1886	49,992	24	567	99,871	([9])	1,541	237,942	13,672
1887–1891	54,606	15	3,210	156,869	[10] 66	1,833	259,248	21,640
1892–1896	63,980	8	10,278	160,808	1,516	1,182	281,746	25,871
1897–1901	192,531	4	18,407	165,232	2,660	404	304,402	16,958
1902–1906	74,615	20	45,578	150,914	2,950	234	325,539	33,805
1907–1911	56,568	92	27,195	215,892	2,313	3,249	334,396	42,822
1912–1916	38,774	5,686	60,043	248,775	67	9,227	408,006	55,556
1917–1921	45,296	4,950	299,021	262,514	13	14,750	496,924	74,595
1922–1926	66,759	1,148	260,030	74,178	([9])	18,198	496,665	68,470
1927–1931	18,941	1,859	315,474	43,734	([9])	18,659	552,707	78,384
1932–1936	4,170	10,507	154,457	41,448	([9])	13,737	418,195	62,974
1937–1941	45,726	23,018	286,640	86,060	([9])	17,422	374,397	74,398
1942–1946	13,954	2,265	536,386	7,221	([9])	10,998	375,915	75,343
1945	15,769	9,605	526,152	395	([9])	5,058	445,826	77,022
1946	13,790	454	727,799	9,919	([9])	3,429	535,878	76,069
1947 [11]	108,334	639	853,380	3,584	([9])	1,353	592,016	92,409
1948 [11]	33,695	735	939,380	6,087	([9])	721	411,371	74,970
1949 [11]	90,621	637	934,889	4,532	([9])	618	451,091	88,468

[1] Includes meal in terms of grain (4 bushels of corn to 1 barrel of meal) except imports prior to 1940 which represent grain corn. [2] Includes flour, meal, etc. [3] Excluding reexports.
[4] Imports for consumption, beginning 1933; general imports prior thereto. [5] 1858–61; no data for 1857.
[6] 1857 only; not required 1858–61. [7] Less than 500. [8] 1867 and 1868; not reported 1869–71.
[9] Not shown separately. [10] 3-year average; not shown separately for other years.
[11] Effective Jan. 1, 1947, exports include shipments under Army Civilian Supply Program.

Source: Department of Agriculture, Office of Foreign Agricultural Relations; compiled from official records of Bureau of Census, published currently in Foreign Agricultural Trade.

No. 740.—Cotton and Cottonseed—Acreage, Production, and Value, by States: 1936 to 1949

[Cotton production excludes linters. Figures for production in some States differ slightly from census figures on ginnings due to ginnings in 1 State of cotton grown in another. Where figures are not shown for individual States, separate data are not available for entire period but are included in United States totals. Values shown are for marketing season or crop year and should not be confused with calendar year income. Yields and prices for periods are simple averages of figures for individual years. Tons are of 2,000 pounds. See also *Historical Statistics*, series E 217–224, for U. S. totals for acres harvested, production, and price]

Yearly average or year	Cotton					Cottonseed			Total farm value
	Acres harvested	Bales (500 pounds gross)	Farm value	Yield per acre	Farm price per pound [1]	Quantity [2]	Farm value	Farm price per ton [1]	
	Thousands	*Thousands*	*1,000 dollars*	*Pounds*	*Cents*	*1,000 short tons*	*1,000 dollars*	*Dollars*	*1,000 dollars*
United States:									
1936–1940	27,058	13,534	646,935	239	9.66	5,684	132,166	23.49	779,101
1941–1945	20,632	11,247	1,110,463	261	19.84	4,602	228,712	49.83	1,339,175
1945	17,059	9,015	1,014,823	254	22.52	3,664	187,155	51.10	1,201,978
1946	17,615	8,640	1,409,671	235	32.64	3,513	252,674	71.90	1,662,345
1947	21,269	11,857	1,892,528	267	31.93	4,681	402,015	85.90	2,294,543
1948	22,821	14,877	2,262,227	313	30.41	5,945	399,755	67.20	2,661,982
1949	26,898	16,034	2,295,521	286	28.60	6,477	277,209	42.80	2,572,820
Alabama:									
1936–1940	2,211	1,084	51,927	231	9.64	429	10,031	23.30	61,958
1941–1945	1,568	922	92,656	281	20.00	352	17,343	49.12	109,999
1945	1,379	931	105,128	324	22.59	354	17,948	50.70	123,076
1946	1,530	822	138,392	258	33.66	313	21,065	67.30	159,457
1947	1,500	931	150,046	298	32.21	347	27,586	79.50	177,632
1948	1,630	1,197	185,068	353	30.91	469	28,515	60.80	213,583
1949	1,810	865	127,588	229	29.50	330	13,959	42.30	141,547
Arizona:									
1936–1940	224	219	12,312	468	11.55	99	2,295	23.30	14,607
1941–1945	204	152	17,629	356	23.47	69	3,394	50.02	21,022
1945	154	117	13,670	363	23.45	49	2,631	53.70	16,301
1946	145	158	23,923	521	30.35	65	5,466	84.10	29,389
1947	225	234	35,234	497	30.13	93	8,277	89.00	43,511
1948	281	328	50,118	558	30.59	137	9,316	68.00	59,434
1949	373	500	71,500	641	28.60	205	9,102	44.40	80,602
Arkansas:									
1936–1940	2,317	1,492	69,525	310	9.44	638	14,675	23.52	84,200
1941–1945	1,821	1,295	126,490	340	19.71	535	26,405	49.58	152,895
1945	1,500	1,042	116,968	333	22.45	431	21,507	49.90	138,475
1946	1,700	1,281	207,317	361	32.36	532	38,730	72.80	246,047
1947	2,050	1,276	199,181	298	31.23	490	42,189	86.10	241,370
1948	2,220	1,982	296,291	428	29.90	756	49,442	65.40	345,733
1949	2,450	1,660	239,040	325	28.80	661	27,960	42.30	267,000
California:									
1936–1940	401	518	26,656	627	10.40	211	5,322	25.78	31,978
1941–1945	323	365	36,294	540	19.98	148	7,638	51.99	43,932
1945	317	353	39,087	535	22.12	141	7,614	54.00	46,701
1946	358	458	70,853	613	30.94	185	15,522	83.90	86,375
1947	534	772	128,569	693	33.31	295	28,615	97.00	157,184
1948	804	968	151,683	576	31.35	376	27,523	73.20	179,206
1949	957	1,300	193,050	651	29.70	511	23,710	46.40	216,760
Florida:									
1936–1940	83	26	1,258	145	9.89	12	258	21.03	1,516
1941–1945	41	14	1,365	163	19.55	6	274	44.98	1,639
1945	20	8	896	203	21.21	3	147	49.10	1,043
1946	20	6	983	147	32.71	2	108	53.80	1,091
1947	24	11	1,703	213	31.84	4	292	72.90	1,995
1948	29	15	2,302	249	30.54	6	401	66.90	2,703
1949	44	18	2,655	196	29.50	8	368	46.00	3,023
Georgia:									
1936–1940	2,162	1,073	52,404	236	9.80	446	10,612	23.72	63,016
1941–1945	1,545	761	77,615	235	20.38	308	15,376	49.93	92,991
1945	1,250	669	77,156	257	23.06	268	13,775	51.40	90,931
1946	1,210	557	95,224	221	34.20	223	15,052	67.50	110,276
1947	1,270	651	106,374	246	32.67	253	20,797	82.20	127,171
1948	1,289	751	116,866	279	31.11	303	20,150	66.50	137,016
1949	1,550	610	88,450	189	29.00	242	10,624	43.90	99,074
Louisiana:									
1936–1940	1,268	748	35,655	280	9.62	315	7,154	22.54	42,809
1941–1945	937	530	52,549	270	19.77	218	10,662	48.72	63,211
1945	804	387	43,698	232	22.60	163	8,117	49.80	51,815
1946	800	247	40,949	148	33.16	103	6,376	61.90	47,325
1947	830	505	81,782	292	32.43	201	16,040	79.80	97,822
1948	950	756	117,862	382	31.20	302	20,143	66.70	138,005
1949	1,060	650	94,575	294	29.10	264	11,114	42.10	105,689
Mississippi:									
1936–1940	2,798	1,828	89,984	309	9.91	816	20,159	24.68	110,143
1941–1945	2,366	1,746	182,380	353	20.85	733	37,900	51.68	220,280
1945	2,240	1,560	186,994	334	23.97	640	33,984	53.10	220,978
1946	2,220	1,047	173,832	226	33.22	425	29,452	69.30	203,284
1947	2,350	1,569	259,908	320	33.14	603	53,727	89.10	313,635
1948	2,560	2,353	365,862	441	31.10	912	62,381	68.40	428,243
1949	2,770	1,490	224,990	258	30.20	596	26,343	44.20	251,333

[1] Season average price.

[2] 1949 based on 1944–48 average of lint to cottonseed.

No. 740.—Cotton and Cottonseed—Acreage, Production, and Value, by States: 1936 to 1949—Continued

Yearly average or year	Cotton: Acres harvested	Cotton: Bales (500 pounds gross)	Cotton: Farm value	Cotton: Yield per acre	Cotton: Farm price per pound [1]	Cottonseed: Quantity [2]	Cottonseed: Farm value	Cottonseed: Farm price per ton [1]	Total farm value
	Thousands	*Thousands*	*1,000 dollars*	*Pounds*	*Cents*	*1,000 short tons*	*1,000 dollars*	*Dollars*	*1,000 dollars*
Missouri:									
1936-1940	422	375	17,365	433	9.39	167	3,639	22.05	21,004
1941-1945	373	356	34,708	456	19.85	151	7,018	46.71	41,726
1945	260	180	19,261	331	21.41	79	3,539	44.80	22,800
1946	310	307	47,516	473	31.00	132	9,280	70.30	56,796
1947	431	311	47,812	345	30.76	132	11,062	83.80	58,874
1948	555	506	73,335	436	29.00	213	13,483	63.30	86,818
1949	583	460	67,850	377	29.50	194	7,799	40.20	75,649
New Mexico:									
1936-1940	114	120	5,816	507	9.79	47	1,128	24.12	6,944
1941-1945	117	109	12,308	445	22.59	45	2,342	52.51	14,650
1945	116	106	13,146	436	24.90	43	2,442	56.80	15,588
1946	119	142	23,919	573	33.64	56	4,312	77.00	28,231
1947	151	179	30,280	570	33.74	71	6,681	94.10	36,961
1948	209	236	38,249	542	32.38	95	6,650	70.00	44,899
1949	310	255	39,780	394	31.20	102	4,315	42.30	44,095
North Carolina:									
1936-1940	897	592	29,488	315	9.94	244	5,936	24.31	35,424
1941-1945	758	603	60,705	380	20.30	246	11,920	48.51	72,625
1945	555	428	49,639	369	23.22	173	8,252	47.70	57,891
1946	570	440	71,751	370	32.65	177	12,691	71.70	84,442
1947	647	452	73,644	335	32.59	177	14,231	80.40	87,875
1948	725	678	104,357	447	30.80	282	17,005	60.30	121,362
1949	815	460	66,930	270	29.10	186	7,831	42.10	74,761
Oklahoma:									
1936-1940	1,977	591	24,978	147	8.74	256	5,304	21.72	30,282
1941-1945	1,502	546	47,950	174	17.96	228	10,769	48.11	58,719
1945	1,085	285	28,595	126	20.06	120	6,216	51.80	34,811
1946	1,020	262	39,389	123	30.07	109	8,840	81.10	48,229
1947	1,120	330	49,939	141	30.24	137	11,988	87.50	61,927
1948	1,025	374	53,720	175	28.69	158	10,776	68.20	64,496
1949	1,300	620	83,080	229	26.80	258	10,810	41.90	93,890
South Carolina:									
1936-1940	1,358	865	43,084	307	9.99	350	8,328	23.93	51,412
1941-1945	1,094	666	68,142	291	20.25	272	13,473	49.57	81,615
1945	954	664	73,428	334	22.12	263	11,888	45.20	85,316
1946	960	697	118,861	348	34.13	281	18,827	67.00	137,688
1947	1,050	651	105,972	297	32.58	253	20,341	80.40	126,313
1948	1,120	871	133,156	372	30.59	359	22,294	62.10	155,450
1949	1,270	560	82,040	211	29.30	226	9,537	42.20	91,577
Tennessee:									
1936-1940	778	508	23,769	313	9.49	205	4,882	24.16	28,651
1941-1945	673	548	53,333	389	19.59	210	10,287	49.22	63,621
1945	590	466	51,697	379	22.21	177	8,744	49.40	60,441
1946	620	520	83,989	402	32.33	205	15,232	74.30	99,221
1947	700	520	84,589	356	32.53	197	17,395	88.30	101,984
1948	770	669	100,381	417	30.00	255	16,524	64.80	116,905
1949	830	650	94,575	375	29.10	248	10,590	42.70	105,165
Texas:									
1936-1940	9,982	3,451	160,663	166	9.44	1,429	32,014	22.69	192,677
1941-1945	7,258	2,591	242,182	171	18.90	1,064	53,074	50.28	295,256
1945	5,800	1,794	192,736	149	21.49	749	39,847	53.20	232,583
1946	6,000	1,669	268,438	134	32.16	694	50,870	73.30	319,308
1947	8,350	3,437	533,040	198	31.02	1,417	121,862	86.00	654,902
1948	8,610	3,153	466,939	176	29.62	1,306	94,163	72.10	561,102
1949	10,725	5,900	814,200	264	27.60	2,432	102,630	42.20	916,830
Virginia:									
1936-1940	45	25	1,231	264	9.62	10	256	24.30	1,487
1941-1945	31	26	2,549	401	19.85	11	522	48.45	3,071
1945	19	16	1,773	397	22.55	7	335	47.80	2,108
1946	20	17	2,708	404	32.21	7	534	76.30	3,242
1947	23	18	2,829	369	31.99	7	580	82.80	3,409
1948	26	24	3,712	447	30.68	10	587	58.70	4,299
1949	32	20	2,930	300	29.30	8	342	42.80	3,272
Other States:									
1936-1940	23	19	819	383	8.98	8	172	22.95	991
1941-1945	18	17	1,608	451	19.50	7	316	47.68	1,923
1945	16	9	951	268	21.13	4	169	47.90	1,120
1946	13	10	1,627	381	31.08	4	317	75.10	1,944
1947	14	10	1,626	350	31.17	4	352	85.40	1,978
1948	18	16	2,326	435	29.16	6	402	63.50	2,728
1949	19	16	2,288	383	29.30	6	265	42.30	2,553

[1] Season average price. [2] 1949 based on 1944-48 average of lint to cottonseed.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual reports on Farm Production, Farm Disposition, and Value of Cotton and Cottonseed.

No. 741.—Cotton—Production, Consumption, Exports, Imports, Prices, and Carry-Over: 1915 to 1949

[**All figures, except average price, in thousands of bales.** Production figures relate to crop of preceding calendar year and are compiled from reports of individual ginners. Price per pound is average price received by growers. For data prior to 1915, see 1949 and earlier editions of the *Statistical Abstract*]

YEAR ENDING JULY 31	EXCLUSIVE OF LINTERS						
	Production		Average price per pound upland cotton (cents)	Consumption (running bales)	Exports of domestic cotton (running bales)	Imports (equivalent 500-pound bales)	Carry-over (running bales)
	Running bales, counting round as half bales	Equivalent 500-pound bales, gross weight					
1915	15,906	16,135	7.3	5,597	8,323	364	3,936
1916	11,068	11,192	11.2	6,398	5,896	421	3,140
1917	11,364	11,450	17.3	6,789	5,300	288	2,720
1918	11,248	11,302	27.1	6,566	4,288	217	3,450
1919	11,906	12,041	28.8	5,766	5,592	197	4,287
1920	11,326	11,421	35.4	6,420	6,545	683	3,563
1921	13,271	13,440	15.8	4,893	5,745	211	6,534
1922	7,978	7,954	16.9	5,910	6,184	352	2,832
1923	9,729	9,762	22.9	6,666	4,823	450	2,325
1924	10,171	10,140	28.7	5,681	5,656	272	1,556
1925	13,639	13,628	22.9	6,193	8,005	303	1,610
1926	16,123	16,104	19.6	6,456	8,051	314	3,543
1927	17,755	17,977	12.5	7,190	10,927	382	3,762
1928	12,783	12,956	20.2	6,834	7,542	321	2,536
1929	14,297	14,478	18.0	7,091	8,044	442	2,312
1930	14,548	14,825	16.8	6,106	6,690	368	4,530
1931	13,756	13,932	9.5	5,263	6,760	99	6,370
1932	16,629	17,096	5.7	4,866	8,708	107	9,678
1933	12,710	13,002	6.5	6,137	8,419	124	8,165
1934	12,664	13,047	10.3	5,700	7,534	141	7,744
1935	9,472	9,637	12.4	5,361	4,799	106	7,208
1936	10,420	10,638	11.1	6,351	5,973	152	5,409
1937	12,141	12,399	12.3	7,950	5,440	249	4,499
1938	18,252	18,945	8.4	5,748	5,598	158	11,533
1939	11,623	11,944	8.6	6,858	3,327	132	13,033
1940	11,481	11,816	9.1	7,784	6,192	162	10,564
1941	12,298	12,565	9.9	9,722	1,112	188	12,166
1942	10,495	10,742	17.0	11,170	1,125	252	10,640
1943	12,438	12,820	19.0	11,100	1,480	168	10,657
1944	11,129	11,429	19.9	9,943	1,138	129	10,744
1945	11,839	12,230	20.7	9,568	2,007	190	11,164
1946	8,813	9,016	22.5	9,163	3,613	343	7,326
1947	8,517	8,639	32.6	10,025	3,544	270	2,530
1948	11,557	11,857	31.9	9,354	1,963	238	3,080
1949	14,580	14,868	30.4	7,795	4,747	163	5,287

Source: Department of Commerce, Bureau of the Census (except price per pound from Department of Agriculture, Bureau of Agricultural Economics); annual report, Cotton Production and Distribution.

No. 742.—Cottonseed and Cottonseed Products—Production and Exports: 1881 to 1949

[Cottonseed production relates to preceding crop year; other data relate to 12 months ending July 31. Tons are 2,000 pounds. For value of cottonseed products, 1881–1945, see 1949 *Statistical Abstract*. See also *Historical Statistics*, series J 175, for data on cottonseed oil production]

Yearly average or year ending July 31 or June 30—	Cottonseed		Cottonseed products					
			Production				Exports	
	Production	Used in mills	Oil	Meal and cake	Hulls	Linters	Oil	Meal and cake
	1,000 tons	*1,000 tons*	*1,000 pounds*	*1,000 tons*	*1,000 tons*	*Bales* [1]	*1,000 pounds*	*1,000 tons*
1881–1890	3,018	553	165,810	193			34,038	
1891–1900	4,280	1,625	483,015	570	[2] 1,169	[2] 114,544	191,157	[3] 388
1901–1905	5,139	3,085	890,745	1,130	1,382	167,327	297,888	548
1906–1910	5,258	3,296	990,450	1,339	1,195	282,064	311,463	578
1911–1915	6,353	4,847	1,466,940	2,162	1,527	595,225	290,311	551
1916–1920	5,116	4,285	1,302,050	2,041	1,093	943,474	172,877	301
1921–1925	4,878	3,646	1,125,196	1,654	1,082	578,384	106,371	258
1926–1930	6,784	5,319	1,631,597	2,409	1,495	1,117,754	48,762	328
1931–1935	5,932	4,474	1,398,611	2,032	1,229	954,186	28,100	97
1936–1940	5,847	4,653	1,444,771	2,101	1,195	1,354,871	7,681	26
1935	4,282	3,550	1,108,582	1,614	913	965,540	4,927	3
1936	4,729	3,818	1,163,736	1,739	988	1,050,213	3,532	11
1937	5,511	4,498	1,363,978	2,031	1,144	1,357,296	3,506	4
1938	8,426	6,326	1,961,486	2,830	1,626	1,754,516	7,421	92
1939	5,309	4,471	1,409,414	2,023	1,161	1,329,208	4,514	15
1940	5,259	4,151	1,325,241	1,882	1,055	1,283,122	19,431	7
1941	5,595	4,398	1,425,471	1,954	1,107	1,454,042	14,941	1
1942	4,788	4,008	1,249,872	1,753	992	1,436,213	7,864	1
1943	5,717	4,498	1,400,534	1,995	1,085	1,646,228	60,000	1
1944	4,680	3,955	1,235,829	1,834	927	1,412,340	8,061	1
1945	4,902	4,254	1,324,039	1,954	984	1,500,283	7,383	[4]
1946	3,663	3,262	1,017,546	1,434	783	1,191,553	5,878	[4]
1947	3,511	3,090	973,083	1,363	727	1,183,519	7,627	5
1948	4,683	4,082	1,275,603	1,898	923	1,523,829	32,588	9
1949	5,943	5,332	1,703,762	2,391	1,236	1,953,259	81,380	117

[1] Of 500 pounds net.
[2] Figures for 1900.
[3] 6-year average, 1895–1900.
[4] Less than 500 tons.

Source: Department of Commerce, Bureau of the Census; annual report, Cotton Production and Distribution.

No. 743.—Cottonseed and Cottonseed Products—Production, by States: 1949

[Cottonseed production relates to preceding crop year; other data relate to 12 months ending July 31. Tons are 2,000 pounds. Bales are 500 pounds net]

State	Cottonseed		Cottonseed products			
	Production	Used in mills	Oil	Meal and cake	Hulls	Linters
	1,000 tons	*1,000 tons*	*1,000 pounds*	*1,000 tons*	*1,000 tons*	*Bales*
Total	**5,943**	**5,332**	**1,703,762**	**2,391**	**1,236**	**1,953,259**
Alabama	471	326	100,786	149	76	102,907
Arizona	138	111	34,942	47	28	44,229
Arkansas	757	654	216,450	271	162	240,762
California	376	328	111,462	157	63	124,637
Georgia	301	378	117,873	168	92	146,442
Louisiana	304	215	66,944	99	50	67,764
Mississippi	912	853	282,381	376	195	302,674
North Carolina	285	271	84,052	121	60	109,220
Oklahoma	155	141	41,714	67	33	51,607
South Carolina	359	244	75,497	108	53	99,017
Tennessee	255	463	151,331	194	113	165,330
Texas	1,311	1,198	370,841	570	275	442,952
All other States	319	150	49,489	64	36	55,718

Source: Department of Commerce, Bureau of the Census: annual report. Cotton Production and Distribution.

No. 744.—Sweetpotatoes—Acreage, Production, and Value, by States: 1938 to 1949

[Pounds per bushel, 55. Prices are season average prices received by farmers. See also *Historical Statistics*, series E 228-230, for U. S. totals for acreage harvested, production, and price]

State	Acreage harvested			Yield per acre			Production			Price for crop of—		Farm value	
	1938–1947, average	1948	1949 [1]	1938–1947, average	1948	1949 [1]	1938–1947, average	1948	1949 [1]	1948	1949 [1]	1948	1949 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Bu.*	*Bu.*	*Bu.*	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*	*Cts. per bu.*	*Cts. per bu.*	*1,000 dol.*	*1,000 dol.*
United States	**711**	**516**	**542**	**90**	**97**	**100**	**63,626**	**50,204**	**54,232**	**222**	**214**	**111,374**	**115,843**
New Jersey	16	15	16	133	170	150	2,068	2,550	2,400	234	185	5,967	4,440
Indiana	2	1	1	104	110	105	188	110	116	259	230	285	267
Illinois	3	2	2	87	95	90	282	190	180	209	200	397	360
Iowa	2	2	2	98	95	110	192	171	165	248	210	424	346
Missouri	8	7	6	94	105	95	730	735	570	242	240	1,779	1,368
Kansas	2	1	1	110	115	105	268	161	147	235	240	378	353
Delaware	2	1	1	120	110	120	228	88	108	197	180	173	194
Maryland	9	9	9	152	145	150	1,337	1,232	1,350	191	190	2,353	2,565
Virginia	30	26	24	113	135	120	3,364	3,510	2,880	181	175	6,353	5,040
North Carolina	73	49	52	106	115	113	7,714	5,635	5,876	232	215	13,073	12,633
South Carolina	58	42	48	93	102	100	5,430	4,284	4,800	215	195	9,211	9,360
Georgia	93	58	67	77	85	90	7,100	4,930	6,030	237	215	11,684	12,964
Florida	17	15	14	67	64	70	1,164	960	980	265	285	2,544	2,793
Kentucky	16	12	11	84	80	83	1,304	960	913	228	220	2,189	2,009
Tennessee	38	20	21	95	100	105	3,565	2,000	2,205	240	225	4,800	4,961
Alabama	73	53	55	78	85	83	5,709	4,505	4,565	227	240	10,226	10,956
Mississippi	62	43	42	88	100	95	5,499	4,300	3,990	235	235	10,105	9,376
Arkansas	23	15	14	79	93	93	1,796	1,395	1,302	230	225	3,208	2,930
Louisiana	102	80	85	84	98	98	8,616	7,840	8,330	160	180	12,544	14,994
Oklahoma	10	6	6	65	68	75	639	408	450	255	230	1,040	1,035
Texas	61	50	55	85	65	105	5,229	3,250	5,775	265	205	8,612	11,839
California	11	9	10	107	110	110	1,204	990	1,100	407	460	4,029	5,060

[1] Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 745.—Potatoes—Acreage, Production, and Value, by States: 1938 to 1949

[Pounds per bushel, 60. Prices are season average prices received by farmers. See also *Historical Statistics*, series E 225-227, for U. S. totals for acreage harvested, production, and price]

Division and state	Acreage harvested			Yield per acre			Production			Price for crop of—		Farm value	
	1938–47, avg.	1948	1949[1]	1938–47, avg.	1948	1949[1]	1938–47, avg.	1948	1949[1]	1948	1949[1]	1948	1949[1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Bu.*	*Bu.*	*Bu.*	*1,000 bu.*	*1,000 bu.*	*1,000 bu.*	*Dols. per bu.*	*Dols. per bu.*	*1,000 dol.*	*1,000 dol.*
U. S.	2,730	2,109	1,901	146	216	211	393,403	454,654	401,962	1.55	1.40	703,166	563,508
N. E.:													
Maine	179	193	149	292	385	450	52,758	74,305	67,050	1.52	1.20	112,944	80,460
N. H	7	5	4	160	215	225	1,120	968	968	1.96	1.85	1,897	1,791
Vt	11	7	6	136	185	185	1,519	1,295	1,128	1.88	1.80	2,435	2,030
Mass	19	17	14	155	215	205	2,997	3,548	2,850	1.87	1.80	6,635	5,130
R. I	6	7	6	200	215	200	1,148	1,462	1,160	1.83	1.75	2,675	2,030
Conn	17	15	13	192	225	230	3,315	3,285	2,944	1.89	1.80	6,209	5,299
M. A.:													
N. Y	189	146	130	162	261	236	30,558	38,035	30,660	1.58	1.20	60,095	36,792
N. J	61	59	47	178	231	182	10,793	13,629	8,554	1.46	1.30	19,898	11,120
Pa	153	105	103	128	185	186	19,275	19,425	19,158	1.69	1.50	32,828	28,737
E. N. C.:													
Ohio	78	41	38	113	165	165	8,600	6,765	6,270	1.84	1.70	12,448	10,659
Ind	41	23	20	121	180	195	4,756	4,140	3,900	1.77	1.80	7,328	7,020
Ill	28	11	10	87	103	100	2,458	1,133	1,000	1.98	1.85	2,243	1,850
Mich	183	109	104	105	150	165	19,054	16,350	17,160	1.40	1.40	22,890	24,024
Wis	153	87	80	88	150	170	13,292	13,050	13,600	1.57	1.45	20,488	19,720
W. N. C.:													
Minn	196	108	100	98	160	160	18,648	17,280	16,000	1.40	1.30	24,192	20,800
Iowa	41	13	11	98	110	100	4,062	1,430	1,100	1.89	1.80	2,703	1,980
Mo	35	23	19	107	136	128	3,792	3,128	2,432	1.56	1.50	4,880	3,648
N. Dak	151	125	109	117	160	170	17,787	20,000	18,530	1.39	1.25	27,800	23,162
S. Dak	30	22	18	78	125	56	2,390	2,750	1,008	1.92	1.80	5,280	1,814
Nebr	73	53	52	142	195	170	10,329	10,335	8,840	1.31	1.30	13,539	11,492
Kans	22	12	12	93	123	96	2,084	1,476	1,114	1.35	1.18	1,993	1,315
S. A.:													
Del	4	3	4	86	96	140	332	288	490	1.74	1.60	501	784
Md	19	15	14	109	131	115	2,037	1,965	1,587	1.66	1.55	3,262	2,460
Va	72	63	54	123	183	169	8,808	11,529	9,126	1.66	1.45	19,138	13,233
W. Va	31	22	20	101	95	100	3,062	2,090	2,000	1.97	1.90	4,117	3,800
N. C	83	70	61	110	149	129	9,128	10,430	7,869	1.61	1.35	16,792	10,623
S. C	25	16	15	110	88	110	2,684	1,408	1,650	1.82	1.93	2,563	3,184
Ga	24	16	18	67	64	72	1,573	1,024	1,296	1.97	1.80	2,017	2,333
Fla	32	24	23	133	158	236	4,240	3,745	5,428	2.51	2.30	9,400	12,484
E. S. C.:													
Ky	42	31	30	91	82	91	3,750	2,542	2,730	1.69	1.42	4,296	3,877
Tenn	40	27	25	82	86	90	3,273	2,322	2,250	1.66	1.50	3,855	3,375
Ala	48	35	33	91	104	104	4,382	3,640	3,432	1.71	1.83	6,224	6,281
Miss	25	17	16	67	71	70	1,676	1,207	1,120	1.96	2.18	2,366	2,442
W. S. C.:													
Ark	40	26	26	82	91	80	3,262	2,366	2,080	1.71	1.60	4,046	3,328
La	44	24	21	59	59	59	2,580	1,416	1,239	1.91	1.91	2,705	2,366
Okla	26	14	11	69	73	74	1,775	1,022	814	1.82	1.71	1,860	1,392
Tex	52	44	38	85	99	97	4,419	4,356	3,686	1.96	1.70	8,538	6,266
Mt.:													
Mont	16	16	15	117	160	140	1,884	2,560	2,100	1.64	1.75	4,198	3,675
Idaho	150	150	144	234	300	240	35,048	45,000	34,560	1.21	1.25	54,450	43,200
Wyo	14	12	11	154	190	170	2,087	2,280	1,870	1.63	1.85	3,716	3,460
Colo	78	78	66	198	275	275	15,506	21,450	18,150	1.59	1.50	34,106	27,225
N. Mex	4	3	3	78	90	82	290	270	246	1.65	1.65	446	406
Ariz	4	5	4	202	330	295	914	1,749	1,268	1.92	2.05	3,358	2,599
Utah	15	15	15	173	210	195	2,579	3,171	3,003	1.57	1.45	4,978	4,354
Nev	3	2	2	192	200	190	515	360	342	1.78	1.75	641	598
Pac.:													
Wash	38	40	36	222	315	280	8,449	12,600	10,080	1.45	1.45	18,270	14,616
Oreg	42	41	41	227	310	290	9,569	12,710	11,890	1.51	1.45	19,192	17,240
Calif	88	121	111	328	391	416	28,848	47,365	46,230	1.62	1.45	76,731	67,034

[1] Preliminary.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield and Production of Principal Crops and Season Average Prices and Value of Production.

No. 746.—All Hay—Acreage, Production, and Value, by States: 1938 to 1949

[See also *Historical Statistics*, series E 211-216, for U. S. totals for acreage harvested, production, and price]

Division and State	Acreage harvested			Yield per acre			Production			Price for crop of [2]—		Farm value	
	1938–47, avg.	1948	1949 [1]	1938–47, avg.	1948	1949 [1]	1938–47, avg.	1948	1949 [1]	1948	1949 [1]	1948	1949 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons* [3]	*Tons* [3]	*Tons* [3]	*1,000 tons* [3]	*1,000 tons* [3]	*1,000 tons* [3]	*Dols. per ton*	*Dols. per ton*	*1,000 dol.*	*1,000 dol.*
U. S.	73,966	73,208	72,835	1.34	1.36	1.36	99,539	99,471	99,305	23.60	21.80	2,349,505	2,163,659
N. E.:													
Maine	895	879	877	.96	1.00	.95	855	880	834	27.80	30.00	24,464	25,020
N. H	370	371	361	1.15	1.20	1.08	424	445	391	29.00	33.50	12,905	13,098
Vt	987	1,047	1,050	1.36	1.53	1.30	1,349	1,597	1,369	26.60	35.50	42,480	48,600
Mass	371	372	374	1.53	1.76	1.50	569	653	561	33.80	38.50	22,071	21,598
R. I	36	36	36	1.37	1.47	1.39	49	53	50	32.90	38.00	1,744	1,900
Conn	293	294	291	1.51	1.66	1.59	442	488	464	34.40	39.50	16,787	18,328
M. A.:													
N. Y	3,948	3,922	3,826	1.46	1.61	1.27	5,770	6,306	4,878	21.50	28.50	135,579	139,023
N. J	258	246	253	1.60	1.77	1.70	414	436	430	31.10	31.50	13,560	13,545
Pa	2,428	2,348	2,389	1.43	1.46	1.42	3,470	3,430	3,392	23.70	25.00	81,291	84,800
E. N. C.:													
Ohio	2,552	2,448	2,429	1.46	1.44	1.46	3,714	3,516	3,556	24.00	23.00	84,384	81,788
Ind	1,929	1,643	1,536	1.37	1.36	1.44	2,639	2,231	2,212	22.40	22.50	49,974	49,770
Ill	2,880	2,341	2,213	1.42	1.51	1.70	4,071	3,544	3,753	23.90	22.00	84,702	82,566
Mich	2,738	2,632	2,553	1.38	1.37	1.32	3,785	3,606	3,362	21.40	22.00	77,168	73,964
Wis	4,068	3,985	3,934	1.71	1.37	1.60	6,946	5,458	6,288	27.20	21.50	148,458	135,192
W. N. C.:													
Minn	4,409	3,751	3,625	1.48	1.37	1.39	6,522	5,145	5,021	20.40	18.50	104,958	92,888
Iowa	3,545	2,896	2,997	1.59	1.35	1.62	5,629	3,913	4,855	22.40	18.50	87,651	89,818
Mo	3,501	3,625	3,734	1.14	1.32	1.36	4,012	4,803	5,095	19.90	17.00	95,580	86,615
N. Dak	3,110	3,207	3,258	.96	.92	.86	2,991	2,962	2,818	14.80	14.50	43,838	40,861
S. Dak	3,137	4,159	4,459	.83	.83	.66	2,638	3,443	2,939	18.80	17.50	64,728	51,432
Nebr	3,798	4,029	4,341	.98	1.05	1.10	3,759	4,230	4,786	20.50	16.00	86,715	76,576
Kans	1,600	1,946	1,990	1.50	1.84	1.66	2,425	3,575	3,299	17.90	16.50	63,992	54,434
S. A.:													
Del	74	72	67	1.30	1.33	1.34	96	96	90	25.00	22.50	2,400	2,025
Md	437	463	456	1.32	1.38	1.43	575	641	650	25.70	23.50	16,474	15,275
Va	1,328	1,414	1,352	1.12	1.29	1.33	1,490	1,823	1,800	30.00	27.00	54,690	48,600
W. Va	781	803	815	1.20	1.31	1.26	937	1,052	1,024	25.60	24.50	26,931	25,088
N. C	1,215	1,237	1,205	.99	1.04	1.16	1,201	1,289	1,395	32.50	29.50	41,892	41,152
S. C	580	502	504	.76	.92	.96	441	461	484	35.30	33.00	16,273	15,972
Ga	1,373	1,415	1,099	.54	.57	.64	736	805	698	21.00	18.00	16,905	12,564
Fla	118	127	88	.54	.54	.60	64	69	53	18.40	17.50	1,270	928
E. S. C.:													
Ky	1,724	1,712	1,863	1.29	1.28	1.41	2,238	2,194	2,635	27.50	23.00	60,335	60,605
Tenn	1,902	1,742	1,814	1.16	1.16	1.36	2,209	2,029	2,464	29.00	23.00	58,841	56,672
Ala	1,034	884	777	.74	.79	.85	759	700	660	26.00	22.00	18,200	14,520
Miss	906	761	752	1.21	1.33	1.31	1,099	1,011	988	27.70	24.50	28,005	24,206
W. S. C.:													
Ark	1,380	1,347	1,248	1.10	1.40	1.35	1,521	1,887	1,681	21.70	18.50	40,948	31,098
La	328	324	324	1.22	1.14	1.38	402	369	446	26.40	22.50	9,742	10,035
Okla	1,272	1,455	1,316	1.21	1.38	1.43	1,536	2,010	1,880	19.80	16.50	39,798	31,020
Tex	1,481	1,505	1,223	.97	.87	1.12	1,423	1,311	1,366	25.80	19.50	33,824	26,637
Mt.:													
Mont	2,082	2,404	2,288	1.21	1.23	1.08	2,521	2,964	2,479	21.60	26.50	64,022	65,694
Idaho	1,158	1,085	1,121	2.08	2.17	2.16	2,402	2,353	2,422	25.10	19.50	59,060	47,229
Wyo	1,080	1,056	1,131	1.15	.96	1.13	1,241	1,018	1,283	27.70	21.50	28,199	27,584
Colo	1,415	1,395	1,412	1.53	1.70	1.67	2,161	2,375	2,360	22.40	21.00	53,200	49,560
N. Mex	217	213	220	2.09	2.34	2.30	453	499	506	28.10	21.50	14,022	10,879
Ariz	271	229	257	2.23	2.36	2.45	607	541	629	26.20	20.00	14,174	12,580
Utah	572	547	562	1.99	2.07	2.17	1,141	1,134	1,219	27.20	21.00	30,845	25,599
Nev	411	440	443	1.45	1.48	1.55	597	649	688	28.00	21.00	18,172	14,448
Pac.:													
Wash	923	832	844	1.92	2.11	1.86	1,773	1,759	1,571	27.70	25.00	48,724	39,275
Oreg	1,106	1,118	1,077	1.74	1.79	1.59	1,925	2,000	1,710	27.00	25.00	54,000	42,750
Calif	1,944	1,949	2,051	2.83	2.93	2.81	5,518	5,718	5,771	27.20	22.50	155,530	129,848

[1] Preliminary.
[2] Price of hay sold baled.
[3] Tons of 2,000 pounds.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 747.—Truck Crops, Commercial—Acreage, Production, nd Value, by Kind, 1938 to 1949, and Leading States, 1949

Includes only States with crop of commercial importance; for fresh market and processing combined. Approximate weights of units of measurements are as follows: Number pounds to crate—asparagus, 30; cantaloupes, 70; cauliflower, 37; celery, 65 (½-size crates); honeyball melons, 70: honeydew melons, 35; strawberries, 36 (24-quart crates). Number pounds to bushel—carrots, 50; cucumbers, 48; eggplant, 33; escarole, 25; kale, 18; peppers, 25; potatoes, 60. Number pounds to box of artichokes, 40. Lettuce is in western crates (mostly 4 to 6 dozen heads), 70 pounds; onions, 50-pound sacks; and garlic, 100-pound sacks. Tons are of 2,000 pounds. Values based on average seasonal prices received by growers]

CROP	ACREAGE				PRODUCTION (1,000 UNITS)					VALUE (1,000 DOLLARS)		
	1938–47, average	1948	1949	1949 leading States	Unit	1938–47, average	1948	1949	1949 leading States	1938–47, average	1948	1949
Artichokes	8,620	7,300	7,700	Calif.	Box	814	803	654	Calif.	2,038	2,810	2,649
Asparagus	128,270	123,300	128,540	Calif., N. J.	Crate	4,560	3,975	3,651	Calif., N. J.	23,979	28,868	33,288
Beans, lima	80,440	99,150	115,350	Calif., Del.	Ton [1]	[2] 46.6	[2] 79.8	[2] 94.4	Calif., Del.	6,655	14,793	15,077
Beans, snap	286,600	272,610	276,160	Fla., N. Y.	do	[2] 434.3	[2] 443.2	[2] 485.8	Fla., N. Y.	44,693	61,531	62,644
Beets	26,590	23,850	27,950	Wis., Tex.	do	[2] 172.8	145.7	190.4	Wis., N. Y.	3,478	4,213	4,754
Cabbage	188,430	198,850	188,500	Tex., N. Y.	do	[2] 1,365.3	[2] 1,530.5	[2] 1,387.7	N. Y., Fla.	31,775	40,269	38,756
Cantaloups	107,940	121,160	113,090	Calif., Ariz.	Crate	[2] 10,288	[2] 12,390	[2] 12,412	Calif. Ariz.	24,680	36,766	33,757
Carrots	67,880	75,600	76,040	Calif., Tex.	Bushel	[2] 22,524	[2] 28,064	[2] 24,411	Calif., Tex.	25,684	50,830	36,436
Cauliflower	32,990	38,600	36,600	Calif., N. Y.	Crate	[2] 9,793	[2] 13,336	[2] 13,535	Calif., N. Y.	11,572	11,489	15,880
Celery	41,500	40,920	38,190	Calif., Fla.	do	[2] 18,456	[2] 22,862	[2] 23,707	Calif., Fla.	38,283	40,827	49,924
Corn, sweet [3]	489,410	527,700	526,380	Wis., Minn.	Ton	1,137.1	1,377.4	[2] 1,517.8	Wis., Minn.	21,793	39,961	35,327
Cucumbers	145,970	179,150	190,030	Mich., Wis.	Bushel	12,678	[2] 16,596	[2] 18,406	Mich., Wis.	16,470	31,907	30,386
Eggplant	5,100	6,580	6,100	Fla., N. J.	do	[2] 1,176	[2] 1,629	[2] 1,467	Fla., N. J.	1,540	1,924	1,797
Escarole	1,740	3,100	3,000	Fla.	do	925	[2] 1,426	[2] 1,275	Fla.	681	1,285	1,705
Garlic	3,990	3,020	3,250	Calif., La.	Sack	172	130	140	Calif., La.	1,625	2,561	1,393
Honeyball melons	2,240	1,100	980	Calif.	Crate	234	66	137	Calif.	634	261	432
Honeydew melons	13,560	11,700	9,550	Calif., Ariz.	do	3,174	3,129	2,537	Calif., Ariz.	4,796	5,684	4,584
Kale	1,730	1,300	2,000	Va.	Bushel	659	525	920	Va.	343	551	460
Lettuce	164,450	202,000	197,770	Calif., Ariz.	Crate	[2] 26,160	[2] 34,391	[2] 33,461	Calif., Ariz.	62,360	105,831	119,717
Mint for oil [4]	46,360	64,100	62,600	Ind., Mich.	Pound [5]	1,410	2,369	2,110	Ind., Oreg.	6,639	13,175	9,373
Onions	132,900	127,510	119,560	Tex., N. Y.	Sack	[2] 36,684	[2] 41,411	36,135	N. Y., Calif.	40,498	54,519	62,680
Peas, green	470,320	419,750	420,210	Calif., Oreg.	Ton [1]	[2] 423.7	[2] 370.7	375.9	Wis., Wash.	38,491	39,013	37,535
Peppers, green	25,530	33,450	35,050	Fla., N. J.	Bushel	[2] 5,658	[2] 7,643	[2] 8,379	Fla., N. J.	8,529	13,832	15,612
Pimientos	14,280	14,300	24,500	Ga.	Ton	17.3	17.9	23.8	Ga.	752	1,252	1,664
Potatoes [6]	342,490	319,800	265,800	Calif., N. J.	Bushel	[2] 57,821	76,720	66,357	Calif., N. J.	67,397	125,705	97,585
Shallots	4,910	4,800	4,500	La.	do	545	509	386	La.	689	836	680
Spinach	98,470	79,810	87,650	Tex., Okla.	Ton	[2] 199.1	[2] 160.5	[2] 189.1	Calif., Tex.	12,224	13,069	14,640
Strawberries	128,020	122,820	127,430	La., Oreg.	Crate	[2] 9,138	10,224	8,866	Oreg., Calif.	40,913	82,781	64,283
Tomatoes	734,210	639,630	595,930	Calif., Tex.	Ton	[2] 3,459.3	[2] 3,703.0	[2] 3,476.9	Calif., Ind.	125,540	175,730	151,528
Watermelons	248,560	255,990	282,750	Tex., Fla.	Number	[2] 68,619	73,878	[2] 76,801	Fla., Ga.	17,752	28,762	23,989

[1] Shelled basis: 2 pounds of lima beans produce approximately 1 pound shelled beans; 2½ pounds of green peas, 1 pound of shelled peas.
[2] Includes some quantities not marketed and excluded in computing value.
[3] Mainly for canning, but includes also market crop in New Jersey, New York, and Pennsylvania.
[4] Peppermint and spearmint.
[5] Pounds of oil.
[6] Commercial early Irish.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics. Published in part in Crops and Markets.

No. 748.—Fruits—Production and Price Received by Farmers: 1938 to 1949

[See also *Historical Statistics*, series E 231–243]

CROP	UNIT	PRODUCTION (1,000) [1]				PRICE PER UNIT [2]			
		1938–47 avg.	1947	1948	1949 [3]	1940	1947	1948	1949 [3]
Apples [4]	Bu. (45 lb.)	111,114	113,041	88,407	133,181	$0.80	$1.79	$2.23	$1.45
Peaches	Bu. (48 lb.)	68,947	82,270	65,352	74,780	.80	1.67	2.05	1.53
Pears	Bu. (50 lb.)	30,832	35,312	26,334	36,627	.74	1.95	2.53	1.19
Grapes	Ton	2,736	3,036	3,044	2,702	17.20	40.20	39.50	35.10
Cherries (12 States)	do	172	173	214	244	78.60	225.00	218.00	166.00
Plums (2 States)	do	80	78	71	96	51.90	154.00	147.00	97.70
Prunes (fresh basis) [5]	do	129	95	89	157	31.10	86.50	74.70	49.20
Oranges and tangerines [6]	Box [7]	97,123	114,510	104,020	110,000	1.19	1.29	1.70	1.56
Grapefruit	do. [8]	50,528	61,630	45,520	36,350	.43	.50	.80	1.64
Lemons	do. [9]	13,164	12,870	9,930	12,000	1.20	2.44	4.18	2.80

[1] Includes some quantities not harvested on account of economic conditions or scarcity of harvest labor or donated to charity.
[2] Season average prices, except citrus fruit prices, which are equivalent packing-house-door returns for all methods of sale.
[3] Preliminary.
[4] Estimates refer to production of apples in commercial apple areas of each State and include fruit produced for sale to commercial processors, as well as that for sale for fresh consumption.
[5] Data for 3 States.
[6] Data for 5 States; 7 States prior to 1942. See also table 726, p. 614.
[7] Net content of box varies. In California and Arizona approximate average is 77 pounds; in Florida and other States, 90 pounds.
[8] In California and Arizona approximate average is 65 pounds net; in Florida and other States, 80 pounds net.
[9] About 79 pounds net.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 749.—Apples, Peaches, Pears, and Grapes—Production, by States

[See also *Historical Statistics*, series E 232, 234, 236, and 238, for U. S. totals]

STATE	APPLES (1,000 BU.) [1] [4]			PEACHES (1,000 BU.) [2]			PEARS (1,000 BU.) [2]			GRAPES (TONS) [2]		
	1938–1947, avg.	1948	1949 [3]	1938–1947, avg.	1948	1949 [3]	1938–1947, avg.	1948	1949 [3]	1938–1947, avg.	1948	1949 [3]
U. S.	**111,114**	**88,407**	**133,181**	[4]68,947	**65,352**	**74,780**	[4]30,832	**26,334**	**36,627**	[4]2,736,160	**3,044,400**	**2,701,500**
Mass	2,488	2,194	3,842	55	68	75	50	38	67			
Conn	1,256	824	1,640	126	139	156	55	34	57			
N. Y	14,620	11,750	20,090	1,340	1,114	1,428	945	384	1,195	53,470	65,200	48,400
N. J	2,655	1,364	3,124	1,388	1,175	1,948				2,150	1,800	2,400
Pa	7,598	4,520	9,680	1,920	2,182	2,451	379	255	385	15,960	17,200	14,100
Ohio	3,875	1,936	5,446	843	780	1,194	322	178	272	15,650	11,000	15,800
Ind	1,344	1,018	1,715	413	559	794	173	142	182	2,300	2,100	2,500
Ill	3,045	2,401	4,176	1,524	1,428	2,307	388	330	410	3,450	3,100	3,100
Mich	6,840	4,830	11,735	3,444	3,250	3,900	856	300	1,200	32,570	27,000	34,300
Iowa	175	131	173							2,990	3,100	3,400
Mo	1,229	865	1,548	671	752	950	225	170	195	4,970	3,800	3,500
Kans	626	376	808	60	160	185	93	135	112	2,280	2,400	2,400
Del	714	382	624	369	402	468						
Md	1,603	928	1,251	531	533	714						
Va	9,664	8,240	7,820	1,490	1,209	1,953	314	252	106	1,760	2,300	1,800
W. Va	3,946	2,750	3,720	497	530	529	91	90	56	1,245	1,500	1,500
N. C	958	976	448	2,220	1,646	1,428	301	209	130	5,190	5,600	4,500
S. C				3,671	3,160	2,490	136	108	70	1,130	1,100	800
Ga				5,358	2,812	2,040	392	385	187	1,970	2,900	2,300
Ky	269	250	433	642	462	702	168	118	104			
Tenn	339	273	383	939	428	324	212	86	51			
Ala				1,441	1,298	792	317	288	194			
Miss				894	840	518	362	360	195			
Ark	575	567	706	2,188	2,482	2,412	178	236	180	8,610	11,100	11,900
Tex				1,728	1,140	2,400	393	236	484			
Idaho	2,092	1,450	1,743	296	324	353	62	61	64			
Colo	1,524	1,395	1,628	1,868	1,922	2,109	189	155	204			
Wash	28,034	25,760	31,820	2,244	2,210	2,772	7,227	5,555	7,300	14,740	24,000	20,500
Oreg	2,871	2,668	3,010	601	595	930	4,531	4,825	6,150	1,780	1,400	1,400
Calif	7,959	5,870	9,520	28,273	30,127	34,461	11,530	10,668	16,293	2,547,600	2,857,000	2,526,000
Other	4,817	4,689	6,098	1,772	1,625	1,997	687	736	784	990	800	900

[1] See note 4, table 748. [2] See note 1, table 748. [3] Preliminary.
[4] U. S. average includes estimated production for certain States from 1938 to 1946. Estimates for those States discontinued beginning with 1947 crop.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield and Production of Principal Crops and Season Average Prices and Value of Production.

No. 750.—Sugar Beets—Acreage, Production, Prices Received by Farmers, and Value, 1901 to 1949, and by States, 1946 to 1949

[Prior to 1924 acreage and production include a small quantity produced in Canada for U. S. factories. U. S. totals include data for a few States not shown separately]

Yearly average or year and state	Acres harvested (thousands)	Tons per acre	Production (1,000 tons)	Price per ton (dollars) [1]	Farm value (1,000 dollars)
United States:					
1901–1905	228	9 22	[2] 2,079	4.89	10,166
1906–1910	386	10.13	[2] 3,910	[3] 5.18	[3] 20,254
1911–1915	541	10.66	[2] 5,738	5 63	32,318
1916–1920	700	9.49	6,623	9.56	63,314
1921–1925	693	10.06	6,972	7.46	52,040
1926–1930	701	11.01	7,718	7.32	56,480
1931–1935	799	10.88	8,686	5.42	47,119
1936–1940	859	12.23	10,500	5.14	53,938
1941–1945	705	12.10	8,780	8.31	72,972
1936	776	11.6	9,028	6.05	54,636
1937	755	11.6	8,784	5.27	46,249
1938	930	12.5	11,615	4.65	54,052
1939	917	11.8	10,781	4.76	51,342
1940	916	13.4	12,292	5.16	63,409
1941	754	13.7	10,311	6.47	66,705
1942	954	12.2	11,674	6.87	80,156
1943	548	11.9	6,532	8.86	57,898
1944	558	12.1	6,755	10.70	72,026
1945	713	12.1	8,626	10.20	88,074
1946	802	13 2	10,562	11 20	118,638
1947	881	14.2	12,504	11.90	148,583
1948	694	13.6	9,422	10.60	99,915
1949	690	14.7	10,168	10.70	108,899
California:					
1946	122	17.0	2,079	11 30	23,493
1947	156	18.6	2,897	12.30	35,633
1948	172	16.4	2,819	11.00	31,009
1949	135	19.0	2,565	[4]	[4]
Colorado:					
1946	153	12.5	1,920	10.20	19,584
1947	168	15.2	2,548	11.50	29,302
1948	103	13.3	1,370	9.80	13,426
1949	117	16.0	1,872	[4]	[4]
Idaho:					
1946	76	16.8	1,274	11.50	14,651
1947	103	17.1	1,761	11.90	20,956
1948	80	15.4	1,233	10.30	12,700
1949	60	17.7	1,062	[4]	[4]
Michigan:					
1946	95	8.6	814	14.10	11,477
1947	66	6.8	446	13.30	5,932
1948	52	8.8	458	13.50	6,183
1949	77	9.6	739	[4]	[4]
Montana:					
1946	73	12.2	891	10 90	9,712
1947	77	11.7	899	12.30	11,058
1948	55	12.2	672	10.30	6,922
1949	59	11.7	690	[4]	[4]
Nebraska:					
1946	60	13 8	825	10.40	8,580
1947	71	11.3	805	11.40	9,177
1948	42	11.8	496	9.20	4,563
1949	38	14.7	559	[4]	[4]
Ohio:					
1946	26	9.0	234	14.00	3,276
1947	21	7.2	151	12.90	1,948
1948	13	12.4	161	12.30	1,980
1949	24	10.3	247	[4]	[4]
Utah:					
1946	41	13 9	568	10 60	6,021
1947	45	16.4	740	11.60	8,584
1948	35	12.2	427	10.30	4,398
1949	28	16.5	462	[4]	[4]
Wyoming:					
1946	36	11.7	421	10.80	4,547
1947	36	12.7	457	11.90	5,438
1948	27	11.5	310	9.60	2,976
1949	28	14.0	392	[4]	[4]

[1] Season average price. [2] Beets used by factories 1901 to 1912. [3] 4-year average. [4] Not yet available.

No. 751.—Sugarcane Sirup—Production, 1939 to 1949, and by States, 1947, 1948, and 1949

[Excludes sorghum, sometimes confused with sugarcane. For molasses, a byproduct of sugar refineries not included in this table, see table 752]

State and year	Cane harvested for sirup	Sirup produced
	Acres	*1,000 gallons*
All States:		
1939	142,000	22,264
1940	102,000	12,415
1941	116,000	18,764
1942	119,000	18,610
1943	134,000	21,575
1944	135,000	21,071
1945	133,000	28,711
1946	120,000	24,450
1947	112,000	20,270
1948	79,000	13,390
1949	69,000	11,770
South Carolina:		
1947	2,000	300
1948	2,000	250
1949	2,000	230
Georgia:		
1947	22,000	4,070
1948	20,000	3,600
1949	18,000	3,150
Florida:		
1947	12,000	2,400
1948	11,000	1,980
1949	9,000	1,620
Alabama:		
1947	18,000	2,160
1948	16,000	2,240
1949	14,000	1,820
Mississippi:		
1947	20,000	2,600
1948	17,000	2,890
1949	14,000	2,030
Louisiana:		
1947	36,000	8,460
1948	11,000	2,200
1949	10,000	2,600
Texas:		
1947	2,000	280
1948	2,000	230
1949	2,000	320

Source of tables 750 and 751: Department of Agriculture, Bureau of Agricultural Economics; annual summaries, Acreage, Yield, and Production of Principal Crops and Season Average Prices and Value of Production.

No. 752.—Sugarcane, Cane Sugar, and Molasses—Production in Continental United States: 1922 to 1949

[Tons are of 2,000 pounds. Data include Louisiana for all years, Florida beginning 1928, and Texas through 1923]

Year	Total acreage harvested for sugar and seed	Average yield of cane per acre for sugar and seed [1]	Total production for sugar and seed	Season average price per ton received by farmers	Farm value of cane used for sugar and seed	Sugar produced		Raw sugar 96° made per ton of cane	Molasses made	
						Converted to 96° raw basis [2]	Equivalent refined [3]		Blackstrap	Total [4]
	1,000 acres	*Tons*	*1,000 tons*	*Dollars*	*1,000 dollars*	*1,000 tons*	*1,000 tons*	*Pounds*	*1,000 gallons*	*1,000 gallons*
1922	295.9	15.6	4,614	5.83	26,900	302	282	159	15,268	22,777
1923	288.8	11.1	3,216	7.09	22,801	168	157	138	8,429	15,979
1924	251.0	7.6	1,900	5.58	10,602	90	84	147	3,336	9,590
1925	236.0	14.0	3,293	4.05	13,337	142	133	107	12,171	17,783
1926	161.0	6.8	1,088	4.92	5,353	48	45	111	2,745	6,614
1927	89.0	13.1	1,168	4.61	5,384	72	67	150	2,582	6,624
1928	146.8	14.4	2,115	3.85	8,153	136	127	145	5,817	13,669
1929	205.0	16.3	3,350	3.73	12,500	218	205	140	15,862	21,063
1930	203.5	15.5	3,153	3.31	10,430	215	201	148	14,234	19,089
1931	199.4	13.9	2,763	3.21	8,874	184	172	146	11,296	16,464
1932	241.9	14.9	3,599	2.98	10,741	265	248	160	13,472	18,934
1933	233.8	14.4	3,375	3.18	10,727	250	234	163	14,140	19,441
1934	262.6	14.5	3,802	2.33	8,854	267	249	157	15,686	21,198
1935	275.4	18.0	4,954	3.15	15,589	383	358	168	23,380	28,906
1936	264.2	22.2	5,860	3.67	21,499	437	409	161	31,061	36,289
1937	307.2	20.7	6,367	2.90	18,488	462	432	157	33,531	37,411
1938	312.9	22.9	7,157	2.70	19,292	583	545	173	40,506	44,388
1939	276.9	22.5	6,244	2.84	17,759	504	471	174	31,716	36,607
1940	269.7	15.6	4,218	2.88	11,529	332	311	175	21,476	24,182
1941	288.7	19.0	5,471	3.95	21,906	419	392	171	26,052	31,452
1942	316.9	18.4	5,840	4.40	25,663	460	430	170	27,901	35,633
1943	305.9	21.2	6,485	4.57	29,938	498	466	164	33,184	43,874
1944	294.3	20.8	6,128	4.94	30,277	437	409	153	34,116	41,038
1945	290.4	23.1	6,718	[5] 5.67	38,078	475	444	151	32,165	47,316
1946	310.8	19.2	5,967	[5] 6.62	39,513	425	397	154	26,404	39,903
1947	321.2	16.5	5,297	[5] 7.17	37,974	376	351	155	27,076	32,222
1948	334.6	20.3	6,778	[5] 5.76	39,094	477	446	152	40,416	44,432
1949 (prel.)	341.4	21.4	7,323	[5] 6.31	46,190	537	502	157	37,051	46,967

[1] Growth of 9 months in Louisiana and 12 months in Florida. Sugar campaign usually not ended before February in Louisiana and April in Florida, following season of growth of cane.
[2] Calculated by the Agricultural Adjustment Administration method. (S. R. Series 1, No. 1.)
[3] Based on the ratio of 100 pounds of raw sugar to 93.46 pounds of refined sugar.
[4] Not including sirup production. See table 751.
[5] Includes price support payments of $1.45 per ton in 1945. Excludes Government payments under Sugar Act of $1.10 per ton in 1945, $1.15 in 1946, $1.17 in 1947, $1.10 in 1948, and approximately $1.19 in 1949.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics. Also published in The World Sugar Situation.

No. 753.—Sugarcane and Cane Sugar—Production in Hawaii: 1938 to 1949

[Tons are of 2,000 pounds]

Year beginning Jan. 1—	Total acres in cane	Cane used for sugar			Sugar made (1,000 tons)		Raw sugar 96° made per ton of cane (pounds)	Recovery of equivalent refined sugar from cane ground [4] (percent)
		Acres harvested	Production (1,000 tons)	Yield per acre (tons) [1]	Converted to 96° raw basis [2]	Equivalent refined [3]		
1938	238,302	135,978	8,835	65	941	880	213	10.65
1939	235,227	138,440	8,610	62	994	929	231	10.79
1940	235,110	136,417	8,557	63	977	913	228	10.67
1941	238,111	130,768	8,560	66	947	885	221	10.34
1942	225,199	114,745	7,918	69	870	813	220	10.27
1943	220,928	113,754	8,185	72	886	828	216	10.11
1944	216,072	109,522	7,832	72	875	818	223	10.44
1945	211,331	103,173	7,371	71	821	768	223	10.41
1946	208,376	84,379	6,002	71	680	636	227	10.59
1947	211,624	113,020	7,942	70	872	815	220	10.26
1948	206,550	100,042	7,543	75	835	780	221	10.35
1949	213,354	108,794	8,046	74	956	893	238	11.10

[1] Age of cane equals 18 to 22 months of growth. [2] See note 2, table 752.
[3] One ton of raw sugar 96° test is assumed to be equivalent to .9346 ton of refined.
[4] Based on tonnage of cane used.

Source: Data collected by Department of Agriculture, Bureau of Agricultural Economics, through the Hawaiian Sugar Planters' Association. Published in annual report, Agricultural Statistics, and in The World Sugar Situation.

No. 754.—Cane Sugar—Production in Puerto Rico: 1939 to 1949

Year [1]	Acreage in cane		Sugarcane harvested		96° sugar produced		Blackstrap molasses produced
	Grown	Harvested	Total	Per acre	Total	Per ton of cane	
	1,000 acres	*1,000 acres*	*1,000 tons*	*Tons*	*1,000 tons*	*Pounds*	*1,000 gallons*
1939	314	217	6,859	31.7	850	250	34,511
1940	303	253	8,976	35.5	1,026	229	44,156
1941	337	236	7,555	32.0	918	243	40,276
1942	338	308	9,963	32.4	1,082	217	51,400
1943	319	310	8,667	27.9	1,046	242	40,200
1944	313	280	5,600	20.0	729	260	28,200
1945	336	289	7,994	27.7	971	243	40,400
1946	352	303	7,538	24.9	916	243	38,400
1947	365	325	9,280	28.5	1,095	236	50,800
1948	369	336	9,541	28.4	1,116	234	54,823
1949 (prel.)	----------	----------	11,200	----------	1,275	228	63,750

[1] Harvesting season usually begins in January and extends through June.

Source: Department of Agriculture, Bureau of Agricultural Economics; compiled from data of Sugar Branch, Production and Marketing Administration, and Association of Sugar Producers of Puerto Rico; annual report, Agricultural Statistics. Also published in the World Sugar Situation.

No. 755.—Maple Sirup and Sugar—Production, 1859 to 1949, and by States, 1947, 1948, and 1949

State and year	Trees tapped	Sugar made	Sirup made	Total product in terms of sugar [1]
Bureau of the Census				
United States:	*Thousands*	*1,000 pounds*	*1,000 gallons*	*1,000 pounds*
1859	--------	40,120	1,598	52,901
1869	--------	28,444	921	35,812
1879	--------	36,576	1,796	50,944
1889	--------	32,953	2,258	51,020
1899	--------	11,929	2,057	28,382
1909	18,900	14,024	4,106	46,912
1919	17,457	9,692	3,508	37,754
1929	[2]	1,341	2,341	20,070
1939	9,955	356	2,456	20,007
Department of Agriculture				
Total (10 States): [3]				
1939	10,313	366	2,515	20,486
1940	9,957	434	2,597	21,210
1941	9,785	387	1,997	16,363
1942	9,847	654	2,915	23,974
1943	9,281	578	2,555	21,018
1944	8,681	565	2,568	21,109
1945	7,336	237	991	8,165
1946	8,000	372	1,328	10,996
1947	8,568	305	2,039	16,617
1948	8,059	229	1,445	11,789
1949	7,924	292	1,614	13,204
Maine: [3]				
1947	95	6	17	142
1948	89	2	12	98
1949	90	3	12	99
Maryland:				
1947	34	4	10	84
1948	34	6	14	118
1949	32	7	16	135
Department of Agriculture—con.				
New Hampshire:				
1947	226	10	51	418
1948	215	10	39	322
1949	219	11	41	339
Vermont:				
1947	3,463	191	777	6,407
1948	3,290	148	619	5,100
1949	3,191	195	554	4,627
Massachusetts:				
1947	169	11	43	355
1948	157	11	30	251
1949	154	11	40	331
New York:				
1947	2,874	52	684	5,524
1948	2,615	26	431	3,474
1949	2,563	28	538	4,332
Pennsylvania:				
1947	335	16	90	736
1948	340	15	61	503
1949	345	21	94	773
Ohio:				
1947	543	--------	160	1,280
1948	521	--------	111	888
1949	511	--------	150	1,200
Michigan:				
1947	577	14	141	1,142
1948	571	11	80	651
1949	542	16	110	896
Wisconsin:				
1947	252	1	66	529
1948	227	--------	48	384
1949	277	--------	59	472

[1] 1 gallon of sirup taken as equivalent to 8 pounds of sugar. [2] Not called for on schedule.
[3] Excludes production on nonfarm lands in Somerset County, Maine.

Source: Department of Agriculture, Bureau of Agricultural Economics, except Census figures; annual report, Agricultural Statistics. Data also published in Crops and Markets and in annual summary, Acreage, Yield, and Production of Principal Crops.

No. 756.—Sugar, Beet and Cane, Chiefly Raw—Production, for Continental United States, Puerto Rico, Hawaii, Philippines, and World: 1870 to 1949

[In thousands of tons of 2,000 pounds. Prior to 1909, data refer to crop year beginning July 1; thereafter, crop year with beginning dates varying from Sept. to following June, except as noted for Hawaii]

Yearly average or crop year (see headnote)	Continental U. S. and outlying areas [1]	Continental U. S.			Puerto Rico [3]	Hawaii [4]	Philippine Islands [5]	World total	Percent of world total in—	
		Total (in terms of raw) [2]	Beet (reduced to raw) [2]	Cane (chiefly raw)					Continental U. S.	U. S. and outlying areas
1870–1874	291	73	(6)	72	95	[7] 13	110	(8)	(8)	(8)
1875–1879	347	96	(6)	96	78	20	152	(8)	(8)	(8)
1880–1884	476	131	1	130	87	64	195	(8)	(8)	(8)
1885–1889	542	153	1	152	73	119	196	(8)	(8)	(8)
1890–1894	759	284	14	271	63	145	266	(8)	(8)	(8)
1895–1899	812	326	48	279	56	256	174	10,844	3.0	7.5
1900–1904	1,141	543	194	348	115	389	94	13,321	4.1	8.6
1905–1909	1,692	808	447	[9] 362	255	489	141	15,788	5.1	10.7
1910–1914	2,306	986	697	[9] 291	363	604	345	19,798	5.0	11.6
1915–1919	2,593	1,069	845	[9] 225	466	600	447	18,875	5.7	13.7
1920–1924	2,938	1,233	1,017	[9] 215	476	643	581	22,384	5.5	13.1
1925–1929	3,587	1,189	1,066	[9] 123	687	884	820	29,419	4.0	12.2
1930–1934	4,748	1,632	1,396	[9] 236	894	1,042	1,176	29,820	5.5	15.9
1935–1939	5,080	1,994	1,520	[9] 474	974	980	1,127	34,543	5.8	14.7
1940–1944	4,153	1,882	1,453	[9] 429	949	880	438	31,467	6.0	13.2
1944	3,364	1,493	1,056	[9] 437	971	821	75	27,608	5.4	12.2
1945	3,470	1,753	1,278	[9] 475	916	680	115	26,260	6.7	13.2
1946	4,112	1,948	1,523	[9] 425	1,095	872	184	31,188	6.2	13.2
1947	4,664	2,211	1,835	[9] 376	1,116	835	498	34,372	6.4	13.6
1948	4,930	1,846	1,369	[9] 477	1,275	985	820	37,249	5.0	13.2
1949 (prel.)	4,971	2,077	1,540	[9] 537	1,075	985	830	36,646	5.7	13.6

[1] Includes Puerto Rico, Hawaii, Phil. Isls., and beginning 1910, Virgin Islands not shown separately.
[2] Beet sugar not converted to raw prior to 1909. Refined reduced to raw basis by multiplying by 1.07.
[3] For 1900 to 1906, shipments to United States.
[4] Statistics for 1874 to 1880 represents exports. Normal grinding season begins Oct. 1. In 1933, production was from grindings of Oct. 1, 1933, to Dec. 31, 1934; beginning 1934, from grindings of the next calendar year.
[5] Exports 1871 to 1911, production 1912 and subsequently. Includes production of muscovado and panocha, low grades of sugar mostly for domestic consumption.
[6] Less than 500 tons. [7] One year only. [8] Not available.
[9] Louisiana and Texas 1909 to 1923; Louisiana only 1924 to 1927; Louisiana and Florida beginning 1928.

Source: Department of Agriculture, Bureau of Agricultural Economics (from official sources and International Institute of Agriculture), annual report, Agricultural Statistics, and the World Sugar Situation.

No. 757.—Sugar, Cane and Beet: Stocks, Production, Trade, and Supply Available for Consumption in Continental United States: 1935 to 1948

Calendar year	Production [1]	Visible stocks beginning of period [1 2]	Receipts from—		Commercial exports and shipments [3]	Dept. of Agri. net purchases for export	Domestic disappearance		
			Foreign sources [1]	Territories [1]			Military [4]	Civilian	Per capita consumption (refined) [5]
	1,000 tons	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Pounds*
1935	1,583	2,178	2,763	1,815	132	----------	----------	6,623	96.5
1936	1,807	1,584	2,999	1,868	86	----------	----------	6,682	97.1
1937	1,821	1,490	3,280	1,883	93	----------	----------	6,650	95.8
1938	2,207	1,731	3,073	1,810	78	----------	----------	6,598	95.1
1939	2,320	2,305	2,975	1,872	153	----------	----------	6,753	100.2
1940	2,104	2,613	3,006	1,855	193	----------	----------	7,029	95.2
1941	2,090	2,356	3,997	1,852	91	----------	95	7,960	103.7
1942	2,151	2,149	1,928	1,607	55	184	424	5,035	86.4
1943	1,531	2,137	3,411	1,511	18	474	730	5,602	80.0
1944	1,512	1,766	3,928	1,548	24	317	1,014	6,172	89.1
1945	1,667	1,227	3,224	1,647	34	175	[6] 1,094	5,044	73.5
1946	1,900	1,418	2,687	1,504	258	139	[6] 119	5,541	74.4
1947	2,158	1,452	4,219	1,812	236	----------	[6] 114	7,352	91.1
1948	1,917	1,939	3,320	1,734	118	----------	[6] 80	7,219	95.6

[1] Data from Sugar Branch, Production and Marketing Administration.
[2] Beginning 1939 includes mainland cane stocks and beginning 1940 includes raws for processing held by importers other than refiners.
[3] Includes sugar used in manufacture of other commodities. 1935–41, exports (Department of Commerce, Foreign Commerce and Navigation); 1942–48, quantities delivered for export (Sugar Branch, Production and Marketing Administration).
[4] Data based on allocation audits and records kept by armed forces.
[5] Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers. Civilian per capita consumption, 1941–48.
[6] Includes shipments for civilian relief feeding.

Source: Department of Commerce, Bureau of Agricultural Economics (except as noted); annual report, Agricultural Statistics. Also published in the World Sugar Situation.

No. 758.—Coffee—Imports and Reexports: 1830 to 1949

[Imports and reexports in thousands of pounds. Years ending Sept. 30, 1830 and 1840, and June 30, 1850 to 1918; thereafter, calendar years. Imports represent imports from foreign countries and from Territories and possessions into continental United States, and reexports represent exports from continental United States to foreign countries and outlying Territories and possessions. Figures represent mostly green coffee]

YEARLY AVERAGE OR YEAR	Imports	Reexports	Net imports per capita, pounds	Average import price per pound, cents	YEAR	Imports	Reexports	Net imports per capita, pounds	Average import price per pound, cents
1830	51,488	3,125	2.99	8.2	1926	1,495,517	26,629	12.61	21.6
1840	94,996	18,698	5.04	9.0	1927	1,444,124	24,029	12.01	18.5
1850	145,273	15,481	5.58	7.7	1928	1,460,860	19,318	12.03	21.3
1851-1860	203,190	14,710	6.78	9.0	1929	1,486,253	16,998	12.09	20.4
1861-1870	173,290	8,229	4.66	10.8	1930	1,604,701	34,138	12.76	13.1
1871-1880	331,925	7,911	7.19	14.7	1931	1,749,158	19,879	13.94	10.1
1881-1890	513,039	24,725	8.52	10.8	1932	1,508,019	23,074	11.89	9.1
1891-1895	585,270	8,792	8.61	[1] 16.8	1933	1,592,006	18,889	12.53	7.9
1896-1900	761,715	21,819	10.07	8.9	1934	1,531,136	19,039	11.97	8.8
1901-1905	983,464	40,400	11.65	7.1	1935	1,761,262	16,719	13.71	7.6
1906-1910	931,644	15,325	10.29	7.9	1936	1,746,913	15,236	13.52	7.7
1911-1915	952,906	21,494	9.65	11.5	1937	1,707,151	15,869	13.13	8.9
1916-1920 [2]	1,227,523	67,347	11.20	13.5	1938	1,990,814	13,264	15.23	6.9
1921-1925	1,343,579	35,268	11.73	15.4	1939	2,020,671	25,525	15.24	6.9
1926-1930	1,498,291	24,222	12.30	18.9	1940	2,061,538	18,976	15.48	6.2
1931-1935	1,628,316	19,520	12.81	8.7	1941	2,260,241	14,510	[3] 15.72	7.9
1936-1940	1,905,417	17,774	14.52	7.3	1942	1,722,874	8,238	[3] 13.77	12.0
1941-1945	2,300,918	12,309	15.02	[3] 11.5	1943	2,198,311	10,192	[3] 12.55	12.4
1920	1,299,743	54,846	11.68	19.5	1944	2,606,683	8,218	[3] 16.31	12.5
1921	1,345,367	41,821	12.05	10.7	1945	2,716,483	20,389	[3] 16.76	12.7
1922	1,248,938	35,576	11.04	12.9	1946	2,735,807	74,114	[3] 19.39	17.2
1923	1,412,233	31,899	12.38	13.5	1947	2,499,555	62,301	[3] 17.81	23.9
1924	1,423,758	39,213	12.23	17.5	1948	2,770,589	38,157	[3] 18.42	25.1
1925	1,287,601	27,833	10.97	22.3	1949	2,918,604	27,010	[3] 18.68	27.2

[1] Overvalued, due to depreciation of Brazilian paper milreis. [2] Average, July 1, 1915, to Dec. 31, 1920.
[3] Represents civilian consumption per capita, calculation of which excludes amounts allotted to the military population and takes into account changes in stocks. Net imports per capita, including civilian population, and military population in the U. S. and abroad, were as follows: 1941, 16.86 pounds; 1942, 12.73; 1943, 16.03; 1944, 18.22; 1945, 19.31; 1946, 19.10; 1947, 17.30; 1948, 18.41; and 1949, 19.09. Stocks at end of year were: 1940, 467,198,832 pounds; 1941, 552,649,128; 1942, 197,488,068; 1943, 466,008,348; 1944, 550,003,608; 1945, 548,151,744; 1946, 511,908,120, 1947, 456,352,200; 1948, 490,079,408; and 1949, 533,072,280. Annual amounts accepted by the military were: 1941, 92,000,000 pounds; 1942, 267,000,000; 1943, 320,000,000; 1944, 451,000,000; 1945, 563,000,000; 1946, 15,000,000; 1947, 3,500,000; 1948, 22,258,000; and 1949, 88,785,000.

No. 759.—Tea—Net Imports: 1830 to 1949

[Quantity, except per capita, in thousands of pounds; value in thousands of dollars; per capita in pounds. Years ending June 30 through 1918; thereafter, calendar years. Beginning 1919, data relate to trade of continental United States only (see headnote, table 758); prior to that time the small trade between the United States and noncontiguous territories is not included]

YEARLY AVERAGE OR YEAR	Quantity	Value	Per capita	YEARLY AVERAGE OR YEAR	Quantity	Value	Per capita	YEAR	Quantity	Value	Per capita
1830	6,873	1,532	0.54	1916-1920 [1]	106,988	22,528	1.03	1938	80,581	18,053	0.62
1840	16,883	4,067	.99	1921-1925	92,230	24,658	.83	1939	96,532	20,671	.74
1850	28,200	3,982	1.21	1926-1930	88,654	26,604	.74	1940	96,740	22,054	.73
1851-1860	21,028	5,361	.76	1931-1935	86,892	15,359	.69	1941	101,768	27,142	[2] .79
1861-1870	32,394	8,969	.91	1936-1940	89,558	19,858	.69	1942	47,703	17,271	[2] .52
1871-1880	59,536	18,550	1.32	1941-1945	81,121	25,527	[2] .58	1943	84,247	25,066	[2] .53
1881-1890	76,534	15,071	1.34	1932	93,857	12,225	.75	1944	89,100	29,472	[2] .56
1891-1895	89,675	13,689	1.34	1933	95,705	13,485	.76	1945	82,788	28,685	[2] .52
1896-1900	86,217	11,357	1.17	1934	73,979	15,776	.59	1946	91,502	31,981	[2] .53
1901-1905	95,814	13,849	1.18	1935	85,110	16,854	.67	1947	60,495	23,559	[2] .58
1906-1910	93,595	15,211	1.05	1936	80,691	17,533	.63	1948	86,969	43,531	[2] .57
1911-1915	95,237	17,189	.99	1937	93,246	20,981	.72	1949	92,638	44,952	[2] .59

[1] Average for period July 1, 1915 to Dec. 31, 1920.
[2] Represents civilian consumption per capita, calculation of which excludes amounts allotted to the military population and takes into account changes in stocks. Net imports per capita, including the civilian population and the military population in the U. S. and abroad, were as follows: 1941, .76 pounds; 1942, .35; 1943, .62; 1944, .65; 1945, .59; 1946, .52; 1947, .56; 1948, .57; and 1949, .60. Stocks at end of year were: 1940, 51,155,000 pounds; 1941, 48,631,000; 1942, 22,194,000; 1943, 23,294,000; 1944, 35,669,000; 1945, 35,449,000; 1946, 52,834,000; 1947, 32,297,000; 1948, 37,479,000; and 1949, 40,012,000. Annual amounts accepted by military were: 1942, 6,000,000 pounds; 1943, 15,000,000; 1944, 6,000,000; 1945, 13,000,000; 1946, 900,000; 1947, 32,000; 1948, 846,000; and 1949, 2,253,000.

Source of tables 758 and 759: Department of Commerce, Bureau of the Census; compiled from data in annual report, Foreign Commerce and Navigation, records, and from data on shipments to and from Territories and possessions. Per capita figures and related data from Department of Commerce, Office of International Trade.

No. 760.—Cocoa and Chocolate—Imports: 1871 to 1949

[Quantity in thousands of pounds; value in thousands of dollars. Figures represent general imports through 1932; imports for consumption thereafter]

YEARLY AVERAGE OR YEAR [1]	COCOA OR CACAO BEANS AND CHOCOLATE [2]		YEAR [1]	COCOA OR CACAO BEANS AND CHOCOLATE [2]		YEAR [1]	COCOA OR CACAO BEANS AND CHOCOLATE [2]	
	Quantity	Value		Quantity	Value		Quantity	Value
1871–1880 [3]	5,132	706	1928	388,635	49,216	1939	668,224	28,230
1881–1890	13,504	1,891	1929	515,571	51,271	1940	730,753	32,431
1891–1900	29,408	4,120	1930	378,320	32,214	1941	693,079	39,110
1901–1905	63,600	8,260	1931	420,260	23,853	1942	239,940	18,582
1906–1910	102,304	13,418	1932	483,490	20,093	1943	582,885	40,733
1911–1915	161,473	19,002	1933	478,800	19,104	1944	690,432	47,646
1916–1920	346,623	45,480	1934	444,792	19,752	1945	637,306	49,037
1921–1925	367,907	32,019	1935	609,665	26,952	1946	605,238	58,531
1926–1930	429,338	47,044	1936	635,414	33,517	1947	607,381	154,982
1931–1935	487,401	21,951	1937	622,823	52,935	1948	557,293	196,864
1936–1940	622,802	33,563	1938	456,795	20,704	1949	652,149	128,565
1941–1945	568,728	39,022						

[1] Fiscal years through 1915; calendar years thereafter. [2] Includes prepared except confectionery.
[3] Includes 3-year average for quantity of chocolate and 9-year average for its value.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the U. S., and records.

No. 761.—Silk and Silk Manufactures—Imports and Exports: 1871 to 1949

[Quantity in thousands of pounds; value, except average price per pound, in thousands of dollars]

YEARLY AVERAGE OR YEAR [1]	UNMANUFACTURED SILK, IMPORTS [2]			SILK MANUFACTURES, VALUE		YEAR [1]	UNMANUFACTURED SILK, IMPORTS [2]			SILK MANUFACTURES, VALUE	
	Quantity	Value	Average price per pound	Imports [2 3]	Exports (excluding re-exports)		Quantity	Value	Average price per pound	Imports [2]	Exports (excluding re-exports)
1871–1880	[4] 1,340	[4] 6,390	$4.77	27,063	53	1936	67,541	104,163	$1.54	8,561	6,905
1881–1890	5,328	16,775	3.15	34,162	83	1937	64,169	108,481	1.69	11,088	7,117
1891–1900	9,259	26,843	2.90	29,776	268	1938	57,050	89,253	1.56	8,272	6,064
1901–1905	15,798	45,968	2.91	32,215	425	1939	55,271	121,908	2.21	7,655	7,686
1906–1910	20,281	67,414	3.32	33,725	835	1940	47,600	125,931	2.65	5,672	6,417
1911–1915	30,190	82,703	2.74	28,306	2,210	1941	25,561	62,860	2.46	4,211	6,554
1916–1920	45,641	235,332	5.16	47,121	16,735	1942	207	165	.80	1,775	1,200
1921–1925	62,030	356,287	5.74	40,941	12,992	1943	11	7	.64	1,069	303
1926–1930	86,458	374,715	4.33	36,383	17,293	1944	33	29	.88	1,419	203
1931–1935	74,569	115,883	1.55	8,595	5,954	1945	1,793	2,046	1.14	2,268	250
1936–1940	58,326	109,947	1.89	8,250	6,838	1946	15,587	102,587	6.58	7,408	2,330
1941–1945	5,521	13,021	1.18	2,148	1,702	1947	3,182	16,078	5.05	12,981	7,265
1933	73,005	103,595	1.42	6,229	4,878	1948	7,361	15,900	2.16	24,393	[5] 1,428
1934	60,447	72,528	1.10	6,683	5,176	1949	3,986	7,527	1.89	24,883	[5] 1,719
1935	72,361	96,679	1.34	7,503	5,605						

[1] Fiscal years through 1915; calendar years thereafter. [2] Includes artificial silk prior to 1911.
[3] General imports through 1932; imports for consumption thereafter. [4] Raw silk.
[5] Effective 1948, includes shipments under Army Civilian Supply Program.

Source: Dept. of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the U. S., and records.

No. 762.—Animal and Vegetable Fats and Oils—Production, Consumption, and Stocks: 1948 and 1949

[Data cover factory operations only, and therefore exclude considerable quantities of lard, tallow, and grease produced on farms and by local butcheries and small renderers, and quantities consumed and held in homes, hotels, restaurants, bakeries, and quantities consumed and held by painters, building contractors, garages, etc. Stocks include amounts held by and in transit to producers, factory consumers, and public storages, but exclude amounts held in private storages by retailers, wholesalers, and jobbers. Additional data on consumption and stocks of raw materials, such as cottonseed, copra, corn germs, flaxseed, soybeans, etc., and consumption data by process and end-use are contained in Facts for Industry Series M17–1 and M17–2]

[In thousands of pounds]

PRODUCT	1948			1949		
	Production	Consumption	Stocks, Dec. 31	Production	Consumption	Stocks, Dec. 31
VEGETABLE OILS						
Cottonseed, crude	1,463,616	1,403,562	157,719	1,787,353	1,706,427	181,587
Cottonseed, refined	1,304,209	1,201,542	167,998	1,569,123	1,452,410	218,210
Peanut, crude [1]	157,322	155,347	14,196	177,786	129,755	20,356
Peanut, refined	145,676	85,862	7,939	122,422	88,049	8,743
Corn, crude	202,918	204,326	11,533	224,413	235,453	9,630
Corn, refined	188,506	66,254	7,587	216,510	175,839	4,544
Soybean, crude	1,604,320	1,385,350	101,100	1,859,066	1,639,948	90,116
Soybean, refined	1,266,292	1,253,293	86,573	1,508,534	1,448,528	59,985
Sesame, crude [2]	(3)	5,727	137	1,124	317	(3)
Sesame, refined [2]				292	264	243
Olive, edible	3,167	821	2,531	7,178	1,363	3,661
Olive, inedible		484	129		594	239
Olive, sulphur foots	(3)	(3)	(3)	(3)	(3)	1,721
Palm, crude		45,186	25,813		39,847	42,907
Palm, refined	(3)	(3)	(3)	(3)	(3)	(3)
Coconut, crude	557,096	671,364	52,293	491,484	551,940	146,739
Coconut, refined	321,530	274,636	8,976	302,694	278,496	9,016
Palm kernel, crude		(3)	(3)	(3)	(3)	(3)
Palm kernel, refined	(3)	(3)	(3)	(3)	(3)	(3)
Babassu, crude	(3)	28,499	3,128	(3)	(3)	3,294
Babassu, refined	(3)	(3)	(3)	15,561	15,004	(3)
Rapeseed, crude [2]	(3)	6,368	4,170	(3)	2,119	2,434
Rapeseed, refined [2]				(3)	4,119	2,573
Linseed, raw [2]	726,034	473,423	226,562	744,502	400,513	485,112
Linseed, refined [2]				161,040	180,166	30,016
Chinawood or Tung	16,837	120,872	47,174	19,676	100,853	18,149
Perilla		(3)	5		(3)	(3)
Castor No. 1, crude	104,094	86,210	14,255	100,733	71,313	21,830
Castor No. 3, crude	31,962	22,135	11,524	27,723	23,159	9,896
Oiticica		10,336	6,601		10,900	4,018
Other vegetable oil, crude [2]	68,204	51,241	13,911	19,755	16,888	8,121
Other vegetable oil, refined [2]				10,401	14,411	2,408
ANIMAL FATS						
Lard, rendered [2]	1,791,446	125,870	173,263	2,184,000	(3)	99,658
Lard, refined [2]				1,481,000	31,090	30,927
Tallow, edible [2]	69,713	39,105	9,617	105,562	50,098	4,073
Tallow, edible, refined [2]				14,967	14,012	593
Tallow, inedible [2]	1,104,368	1,211,995	217,930	1,273,561	1,184,366	211,609
Tallow, inedible, refined [2]				330,082	289,871	29,370
Grease, other than wool	552,437	569,947	99,046	587,764	522,268	110,590
Wool grease	18,874	21,149	5,269	9,023	(3)	6 789
Neat's-foot oil	2,164	3,276	1,096	2,317	3,602	908
FISH AND MARINE-MAMMAL OIL [7]						
Cod and cod-liver	1,522	19,411	7,198	1,749	16,153	8,933
Other liver oil	3,942	8,966	1,090	3,970	6,795	1,170
Menhaden	124,825	155,670	94,675	56,298	57,775	21,410
Sardine (pilchard) and herring				48,335	48,205	49,973
Other fish oil, except liver oil				8,591	5,509	3,693
Whale oil	450	35,292	31,487	97	(3)	(3)
Sperm oil				686	(3)	20,083
Other marine-mammal oil				18	29,131	999
Refined fish oil	(3)	(3)	(3)	(9)	31,257	3,344
FOOTS, RAW AND ACIDULATED SOAP STOCK						
Vegetable foots (100% basis)	200,487	161,879	34,850	235,827	200,440	44,571
Animal foots from refining (100% basis)	22,933	26,692	684	30,809	28,686	1,682
Fish and marine-mammal foots (100% basis)	(9)	5,273	2,732	4,611	2,996	(9)

For footnotes, see next page.

No. 762.—Animal and Vegetable Fats and Oils—Production, Consumption, and Stocks: 1948 and 1949—Continued

[In thousands of pounds]

PRODUCT	1948			1949		
	Production	Consumption	Stocks, Dec. 31	Production	Consumption	Stocks, Dec. 31
SECONDARY PRODUCTS						
Winterized oil	485,434	(5)	28,787	548,556	325,518	31,769
Deodorized oil [10]	(5)	(5)	(5)	257,413	148,990	7,557
Stearin, vegetable oil, winter	99,266	101,569	9,219	118,097	109,844	14,112
Stearin, animal, edible	26,436	18,386	2,938	31,440	23,768	3,277
Stearin, animal, inedible	18,929	9,955	1,561	18,282	7,724	2,027
Oleo oil	39,940	4,541	4,296	49,948	7,009	2,515
Grease oil and lard oil	42,338	30,635	8,148	41,301	25,396	6,873
Tallow oil	10,560	10,548	2,339	10,273	7,799	2,314
Hydrogenated oils and fats, edible:						
Cottonseed [11]	1,311,143	1,292,472	31,465	603,408	559,745	21,442
Soybean [11]				431,710	390,410	9,539
Other [11]				99,055	55,424	3,888
Shortening	1,440,913	10,597	66,512	1,483,197	8,405	81,722
Oleomargarine	(5)	(5)	(4)	[12] 847,248	(5)	13,027
Hydrogenated oils and fats, inedible:						
Vegetable [11]	220,904	226,459	7,370	33,274	7,989	3,000
Animal [11]				30,385	28,714	3,196
Fish [11]				23,866	31,149	3,663
Chemically dehydrated castor oil	42,376	41,102	5,910	37,172	31,437	5,979
Sulphonated castor		3,074	669	(5)	(5)	(5)
Fatty acid stock including spent and salvaged oils and fats, palm oil refuse, etc. (100% fatty acid basis)	1,448	11,082	6,645	2,251	10,514	5,779
Vegetable oil fatty acids from foots and other than from foots	100,481	80,265	11,920	139,442	110,311	19,908
Animal fat and oil fatty acids	160,049	156,048	7,052	138,837	137,701	12,395
Fish and marine mammal fatty acids	29,400	5,773	2,114	3,452	5,722	1,631
Fatty acids from fractionating or pressing:						
Stearic acid	66,363	56,141	9,290	56,668	49,361	8,068
Oleic acid	68,918	51,917	9,602	66,330	45,239	8,490
Other acids	(5)	(5)	(5)	(9)	3,921	2,525
Solid fatty acids produced by splitting hydrogenated fats and oils or by hydrogenation of fatty acids	(5)	(5)	(5)	70,333	17,150	5,142
Tall oil, crude	248,804	166,228	35,575	229,965	154,165	46,132
Tall oil, refined, including distilled and fractionated tall oil	89,548	61,155	12,329	80,574	53,668	12,680
Glycerin, crude (100% basis)	195,837	208,801	7,578	193,849	198,620	14,889
Glycerin, high gravity and yellow distilled (100% basis)	85,820	87,043	13,680	78,378	77,396	13,591
Glycerin, chemically pure (100% basis)	111,503	87,678	20,593	121,662	89,037	20,071

[1] Data from peanut-oil producers were collected by U. S. Department of Agriculture.
[2] Not collected separately in 1948. Comparability between years cannot be obtained by combining data for two items as reported for 1949, due to fact that unrefined material is used in producing refined product.
[3] Included in "Other vegetable oils" to avoid disclosure of individual operations.
[4] Data on production collected by U. S. Department of Agriculture.
[5] Data not available.
[6] Held by wool scourers.
[7] Data from fish oil producers were collected by Fish and Wildlife Service, U. S. Department of the Interior.
[8] Included in "Other marine mammal oil."
[9] Not shown to avoid disclosure of individual operations.
[10] Winterized-deodorized oil, hydrogenated-deodorized oil and cooking and salad oil not included.
[11] Not collected separately in 1948. Comparability between years cannot be obtained by combining data for three items as reported for 1949, due to change in reporting procedure.
[12] Data collected by the Bureau of Internal Revenue.

Source: Department of Commerce, Bureau of the Census; annual report, Animal and Vegetable Fats and Oils (Facts for Industry, Series M17-7).

No. 763.—Domestic Animals and Chickens on Farms—Number and Value, by Kind, and Farms Reporting: 1930 to 1945

[Data for 1930 and 1940 are as of Apr. 1, and for 1935 and 1945 as of Jan. 1. Difference in date of enumeration affects comparability. Total value of all livestock for which data were collected at each census is shown in table 671, p. 561. Available data for certain classes not shown in the table below are as follows: Turkeys over 3 months old, 1935, 5,382,000, valued at $11,668,000; turkeys over 4 months old, 1940, 4,362,000, valued at $7,462,000. Hives of bees (on farms and elsewhere), 1930, 3,108,000, valued at $13,632,000; 1940, 2,277,000, valued at $7,326,000. See also *Historical Statistics*, series E 117-126 and 171 for number of domestic animals and chickens]

ITEM AND YEAR	Horses [1]	Mules [1]	All cattle [1]	All cows 2 years old and over [2]	Sheep [3]	Goats [4]	Swine [5]	Chickens [6]
Number of farms reporting (thousands):								
1930	5,025		4,803	(7)	584	113	3,535	5,373
1935	3,537	2,256	5,481	5,377	635	158	3,971	5,833
1940	3,149	1,846	4,843	4,725	585	127	3,767	5,150
1945	2,828	1,486	4,689	4,543	457	135	3,314	4,901
Percent of all farms:								
1930	79.9		76.4	(7)	9.3	1.8	56.2	85.4
1935	51.9	33.1	80.5	78.9	9.3	2.3	58.3	85.6
1940	51.6	30.3	79.5	77.5	9.6	2.1	61.8	84.5
1945	48.3	25.4	80.0	77.5	7.8	2.3	56.6	83.6
Number (thousands):								
1930	13,384	5,354	54,250	28,336	41,780	4,821	32,794	378,878
1935	11,858	4,818	68,284	36,931	48,358	4,093	37,213	371,603
1940	10,087	3,845	60,675	33,523	40,129	4,175	34,037	337,949
1945	8,499	3,130	82,654	44,156	41,224	4,266	46,735	433,111
Increase (thousands): [8]								
1930–35	−1,526	−536	14,034	8,595	6,577	−728	4,419	−7,275
1935–40	−1,771	−974	−7,610	−3,407	−8,228	82	−3,176	−33,654
1940–45	−1,588	−715	21,980	10,633	1,095	90	12,698	95,162
Percent increase: [8]								
1930–35	−11.4	−10.0	25.9	30.3	15.7	−15.1	13.5	−1.9
1935–40	−14.9	−20.2	−11.1	−9.2	−17.0	2.0	−8.5	−9.1
1940–45	−15.7	−18.6	36.2	31.7	2.7	2.2	37.3	28.2
Average number per farm reporting:								
1930	3.7		11.3	(7)	71.6	42.7	9.3	70.5
1935	3.4	2.1	12.5	6.9	76.1	26.0	9.4	63.7
1940	3.2	2.1	12.5	7.1	68.6	32.8	9.0	65.6
1945	3.0	2.1	17.6	9.7	90.2	31.7	14.1	88.4
Average number per 1,000 acres of all land in farms:								
1930	14	5	55	29	42	5	33	384
1935	11	5	65	35	46	4	35	352
1940	10	4	57	32	38	4	32	319
1945	7	3	72	39	36	4	41	379
Value (thousands of dollars):								
1930	903,467	442,261	3,184,593	2,051,096	343,154	19,320	564,180	321,625
1935	913,437	478,651	1,387,896	993,520	208,871	6,116	220,367	191,504
1940	765,754	436,195	2,598,118	1,785,153	240,190	11,945	284,637	189,086
1945	545,363	428,237	5,602,625	3,858,905	359,042	17,200	988,104	531,860
Average value per head:								
1930	$67.51	$82.60	$58.70	$72.38	$8.21	$4.01	$17.20	$0.85
1935	77.03	99.34	20.33	26.90	4.32	1.49	5.92	.52
1940	75.92	113.46	42.82	53.25	5.99	2.86	8.36	.56
1945	64.17	136.83	67.78	87.39	8.71	4.03	21.14	1.23

[1] Farms reporting for 1930, 1935, and 1945 are for animals of all ages, and for 1940, animals over 3 months old; number for 1930 and 1940 is for animals over 3 months old, and for 1935 and 1945, animals of all ages.
[2] Figures for 1930 and 1940 are for cows and heifers over 27 months old; for 1935 and 1945, cows and heifers 2 years old and over.
[3] Farms reporting for 1930, 1935 and 1945 are for sheep and lambs of all ages and for 1940, sheep and lambs over 6 months old; number for 1930 and 1940 is for sheep and lambs over 6 months old and for 1935 and 1945 sheep and lambs of all ages.
[4] Figures for 1940 are for goats over 4 months old; for 1930, 1935, and 1945 goats of all ages.
[5] Farms reporting for 1930, 1935, and 1945 are for hogs and pigs of all ages and for 1940, hogs and pigs over 4 months old; number for 1930 is for hogs and pigs over 3 months old, for 1935 and 1945, hogs and pigs of all ages, and for 1940, hogs and pigs over 4 months old.
[6] Figures for 1930 and 1935 are for chickens over 3 months old; for 1940 and 1945, chickens over 4 months old
[7] Not available.
[8] A minus sign (−) denotes a decrease.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 764.—Domestic Animals on Farms—Number and Value: 1880 to 1950

[For census years prior to 1910 and for Jan. 1 estimates by Dept. of Agriculture, animals of all ages are included except in figures for cattle and sheep, 1880 and 1890, which are nominally exclusive of calves and lambs, respectively. Difference in date of enumeration affects comparability of census figures for all classes and especially for swine. See also *Historical Statistics*, series E 117-126, and 152]

Year and date	Number (thousands)							Value of animals (thousands of dollars)[5]
	Horses[1]	Mules[1]	All cattle[1]	Dairy cows[2]	Other cattle[1]	Sheep[3]	Swine[4]	
Census returns—								
1880 (June 1)	10,357	1,813	39,676	12,443	27,232	42,192	49,773	(6)
1890 (June 1)	15,266	2,252	57,649	16,512	41,137	40,876	57,427	(6)
1900 (June 1)	18,267	3,265	67,719	17,136	50,584	61,504	62,868	2,970,121
1910 (Apr. 15)	19,220	4,101	53,997	17,125	36,872	39,644	35,134	4,587,007
1920 (Jan. 1)	19,767	5,432	66,640	19,675	46,964	35,034	59,346	7,596,877
1925 (Jan. 1)	16,401	5,681	60,760	17,645	43,115	35,590	50,854	4,439,966
1930 (Apr. 1)	13,384	5,354	54,250	20,499	33,751	41,780	32,794	5,437,656
1935 (Jan. 1)	11,858	4,818	68,284	(6)	(6)	48,358	37,213	3,209,222
1940 (Apr. 1)	10,087	3,845	60,675	24,074	36,600	40,129	34,037	4,324,893
1945 (Jan. 1)	8,499	3,130	82,654	(6)	(6)	41,224	46,735	7,923,371
Estimates Jan. 1:[7]								
1916	21,334	5,200	67,438	20,752	46,686	36,260	60,596	6,159,176
1917	21,306	5,353	70,979	21,212	49,767	35,246	57,578	6,826,660
1918	21,238	5,485	73,040	21,536	51,504	36,704	62,931	8,239,464
1919	20,922	5,568	72,094	21,545	50,549	38,360	64,326	8,610,797
1920	20,091	5,651	70,400	21,455	48,945	37,328	60,159	8,080,307
1921	19,369	5,768	68,714	21,456	47,258	35,426	58,942	6,026,259
1922	18,764	5,824	68,795	21,851	46,944	33,365	59,849	4,734,447
1923	18,125	5,893	67,546	22,138	45,408	32,597	69,304	5,024,630
1924	17,378	5,907	65,996	22,331	43,665	32,859	66,576	4,709,190
1925	16,651	5,918	63,373	22,575	40,798	34,469	55,770	4,636,131
1926	16,083	5,903	60,576	22,410	38,166	35,719	52,105	4,952,464
1927	15,388	5,804	58,178	22,251	35,927	38,067	55,496	5,065,645
1928	14,792	5,656	57,322	22,231	35,091	40,689	61,873	5,577,054
1929	14,234	5,510	58,877	22,440	36,437	43,481	59,042	6,118,084
1930	13,742	5,382	61,003	23,032	37,971	45,577	55,705	6,011,216
1931	13,195	5,273	63,030	23,820	39,210	47,720	54,835	4,502,727
1932	12,644	5,148	65,801	24,896	40,905	47,682	59,301	3,253,972
1933	12,291	5,046	70,280	25,936	44,344	47,303	62,127	2,756,669
1934	12,052	4,945	74,369	26,931	47,438	48,244	58,621	2,956,799
1935	11,861	4,822	68,846	26,082	42,764	46,139	39,066	3,230,131
1936	11,598	4,628	67,847	25,196	42,651	45,435	42,975	4,824,808
1937	11,342	4,460	66,098	24,649	41,449	45,251	43,083	4,742,403
1938	10,995	4,250	65,249	24,466	40,783	44,972	44,525	4,688,886
1939	10,629	4,163	66,029	24,600	41,429	45,463	50,012	4,750,180
1940	10,444	4,034	68,309	24,940	43,369	46,266	61,165	4,814,284
1941	10,193	3,911	71,755	25,453	46,302	47,441	54,353	4,991,272
1942	9,873	3,782	76,025	26,313	49,712	49,346	60,607	6,596,134
1943	9,605	3,626	81,204	27,138	54,066	48,196	73,881	8,982,635
1944	9,192	3,421	85,334	27,704	57,630	44,270	83,741	8,900,597
1945	8,715	3,235	85,573	27,770	57,803	39,609	59,331	8,279,292
1946	8,053	3,010	82,434	26,695	55,739	35,599	61,301	8,951,553
1947	7,249	2,772	81,207	26,098	55,109	32,125	56,921	11,168,278
1948	6,589	2,541	78,126	25,039	53,087	29,976	55,028	12,688,384
1949	5,898	2,348	78,298	24,416	53,882	27,651	57,128	13,862,530
1950 (prel.)	5,310	2,153	80,277	24,625	55,652	27,064	60,424	12,517,819

[1] Census figures for 1910 are for animals over 3½ months old; 1920, 1925, 1935, and 1945, animals of all ages; 1930 and 1940, animals over 3 months old.

[2] Census returns prior to 1900 represent "milch" cows; 1900, cows 2 years old and over kept for milk; 1910, dairy cows 2 years old and over on Jan. 1, as estimated; 1920 and 1925, dairy cows and heifers 2 years old and over; 1930 and 1940, cows and heifers 2 years old and over on Jan. 1 of census year, kept mainly for milk production.

[3] Census figures for 1910 are for sheep and lambs over 3½ months old; 1920, 1925, 1935, and 1945, sheep and lambs of all ages; 1930 and 1940, sheep and lambs over 6 months old. Jan. 1 estimates are for stock sheep.

[4] Census figures for 1910 are for hogs and pigs over 3½ months old; 1920, 1925, 1935, and 1945, hogs and pigs of all ages; 1930, hogs and pigs over 3 months old; 1940, hogs and pigs over 4 months old.

[5] Value of animals specified in preceding columns.

[6] Not available.

[7] See source note.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Vol. III. Estimates Jan. 1, Department of Agriculture, Bureau of Agricultural Economics; published in annual report, Agricultural Statistics, and annual U. S. Livestock Reports.

No. 765.—Domestic Animals on Farms—Number, by Kind, by States: 1945 and 1950

[**All figures in thousands.** See also *Historical Statistics*, series E 117–126 and 152 for U. S. totals]

Division and State	Horses		Mules		All cattle		Cows and heifers 2 years old and over kept for milk		Sheep and lambs		Swine	
	1945 (Jan. 1)	1950 (Jan. 1) (prel.)	1945 (Jan. 1)	1950 (Jan. 1) (prel.)	1945 (Jan. 1)	1950 (Jan. 1) (prel.)	1945 (Jan. 1)	1950 (Jan. 1) (prel.)	1945 (Jan. 1)	1950 (Jan. 1) (prel.)	1945 (Jan. 1)	1950 (Jan. 1) (prel.)
United States	8,499	5,310	3,130	2,153	82,654	80,277	27,770	24,625	41,224	30,797	46,735	60,424
New England	116	88	1	------	1,220	1,145	815	741	75	57	232	199
Maine	34	25	(1)	------	231	214	135	121	36	22	45	32
New Hampshire	13	10	(1)	------	129	118	76	70	8	7	20	13
Vermont	37	30	(1)	------	459	433	308	288	15	12	24	21
Massachusetts	17	13	(1)	------	197	179	142	123	7	8	98	94
Rhode Island	2	1	(1)	------	29	27	23	21	2	2	10	9
Connecticut	14	9	(1)	------	175	174	131	118	6	6	35	30
Middle Atlantic	449	266	32	14	4,069	4,242	2,642	2,665	539	405	1,268	988
New York	227	145	2	2	2,170	2,226	1,484	1,483	252	178	257	212
New Jersey	20	11	2	1	214	226	158	162	8	10	244	72
Pennsylvania	202	110	28	11	1,685	1,790	1,000	1,020	279	217	767	704
East North Central	1,540	743	102	35	13,262	12,786	6,854	6,228	3,649	2,926	12,366	16,665
Ohio	278	132	15	6	2,168	2,149	1,138	1,060	1,454	1,195	2,429	3,176
Indiana	231	107	35	11	1,900	1,760	848	728	549	454	3,231	4,611
Illinois	390	180	46	16	3,278	3,159	1,203	992	625	585	4,690	6,285
Michigan	230	100	4	1	1,955	1,914	1,080	1,016	663	425	681	927
Wisconsin	411	224	3	1	3,962	3,804	2,585	2,432	358	267	1,336	1,666
West North Central	2,867	1,618	255	111	24,946	22,958	7,002	5,548	8,188	5,511	18,050	25,430
Minnesota	491	264	5	1	3,790	3,276	1,843	1,486	1,122	732	2,615	3,498
Iowa	549	242	26	6	5,432	5,007	1,483	1,182	1,354	949	7,652	11,920
Missouri	476	347	150	79	3,261	3,107	1,115	975	1,257	1,194	2,771	4,429
North Dakota	287	153	1	1	1,878	1,542	583	421	810	388	472	413
South Dakota	307	170	4	1	2,544	2,479	529	379	1,771	874	1,250	1,442
Nebraska	413	236	26	9	3,979	3,920	642	477	931	588	2,144	2,475
Kansas	344	206	43	14	4,062	3,627	807	628	943	786	1,147	1,253
South Atlantic	511	423	867	733	5,420	5,866	2,102	2,130	752	706	5,023	5,417
Delaware	11	7	5	3	60	61	40	37	2	2	35	37
Maryland	66	41	18	8	390	449	227	245	48	47	253	270
District of Columbia	(1)	------	(1)	------	1	------	(2)	------	------	------	1	------
Virginia	159	129	79	66	1,030	1,108	474	497	303	293	688	752
West Virginia	97	86	8	5	573	559	243	234	322	296	165	256
North Carolina	92	82	280	248	721	710	400	387	41	40	1,069	1,120
South Carolina	23	21	165	151	389	367	190	172	5	3	609	663
Georgia	37	34	279	224	1,140	1,220	395	406	18	13	1,527	1,700
Florida	26	23	34	28	1,115	1,392	133	152	12	12	677	619
East South Central	572	457	1,048	807	5,782	6,074	2,412	2,247	1,303	1,091	3,944	5,229
Kentucky	222	177	199	136	1,418	1,608	655	634	852	700	1,048	1,668
Tennessee	161	120	262	205	1,427	1,462	666	640	334	265	992	1,371
Alabama	66	56	258	190	1,282	1,330	471	430	26	22	980	1,225
Mississippi	123	104	329	276	1,655	1,674	620	543	90	104	924	965
West South Central	1,136	809	772	418	14,700	13,961	3,394	2,725	9,068	7,167	3,936	4,241
Arkansas	169	135	216	135	1,259	1,209	536	444	81	51	795	974
Louisiana	139	109	154	117	1,475	1,439	379	331	171	140	801	731
Oklahoma	313	213	87	27	3,101	2,655	885	654	231	155	759	835
Texas	515	352	314	139	8,864	8,658	1,594	1,296	8,586	6,821	1,581	1,701
Mountain	961	669	32	21	8,413	8,544	1,026	852	13,774	10,152	954	1,050
Montana	227	153	2	1	1,817	1,731	165	128	2,906	1,735	182	192
Idaho	144	86	4	3	949	939	274	222	1,336	1,065	227	209
Wyoming	110	80	1	1	983	1,001	69	56	2,804	2,603	54	85
Colorado	189	112	9	4	1,781	1,746	246	202	2,394	1,731	266	351
New Mexico	107	81	6	5	1,091	1,166	75	60	1,618	1,392	80	73
Arizona	72	65	7	5	750	849	51	47	511	392	35	24
Utah	73	57	1	1	562	560	126	116	1,672	1,332	85	88
Nevada	38	35	2	1	479	552	20	21	534	442	25	28
Pacific	347	237	20	14	4,842	4,701	1,523	1,489	3,875	2,782	962	1,205
Washington	99	54	3	2	910	885	380	329	447	324	179	160
Oregon	108	72	3	2	1,101	1,107	284	240	1,032	689	194	166
California	139	111	14	10	2,831	2,709	859	920	2,396	1,769	589	879

[1] Less than 500.

[2] No estimate.

Source: 1945 (except cows and heifers 2 years old and over kept for milk), Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II. Other figures are estimates by Department of Agriculture, Bureau of Agricultural Economics, published in Livestock on Farms Jan. 1.

No. 766.—Domestic Animals—Receipts and Shipments, by Kind, by Stockyards: 1941 to 1949

[In thousands. Total for all stockyards reporting covers about 68 stockyards]

Item and yearly average or year	Total, all stockyards reporting	9 stockyards										All other stockyards reporting
		Total	Chicago	Denver	Fort Worth	Kansas City	Omaha	St. Joseph	St. Louis National Stock Yards	Sioux City	South St. Paul	
CATTLE												
Receipts:												
1941–1945	18,817	11,109	2,218	671	879	1,896	1,587	504	1,105	1,145	1,104	7,708
1946	21,278	11,489	1,960	820	873	1,894	1,735	501	1,250	1,448	1,009	9,789
1947	22,103	12,486	2,089	898	968	1,956	1,910	682	1,304	1,463	1,216	9,617
1948	18,673	10,048	1,694	849	786	1,543	1,521	573	991	1,132	959	8,625
1949	18,828	10,695	1,850	838	578	1,673	1,692	620	940	1,332	1,172	8,133
Shipments:												
1941–1945	9,103	5,042	818	407	441	1,073	625	155	530	646	347	4,061
1946	13,380	7,378	1,117	554	662	1,292	1,064	237	877	1,084	490	6,002
1947	10,594	5,655	784	527	523	1,083	777	208	494	919	339	4,939
1948	9,245	4,740	685	535	391	846	776	163	290	746	307	4,505
1949	8,914	4,768	679	477	263	949	725	186	285	853	352	4,146
CALVES												
Receipts:												
1941–1945	6,572	2,333	245	114	435	301	106	81	483	69	500	4,240
1946	6,818	2,514	194	132	481	361	111	95	538	99	503	4,304
1947	7,459	2,640	271	133	446	313	105	121	557	67	626	4,819
1948	6,277	2,056	188	112	329	222	107	99	435	73	490	4,221
1949	5,741	2,000	164	123	245	221	119	78	388	118	544	3,741
Shipments:												
1941–1945	2,555	853	36	71	233	128	34	17	224	33	78	1,702
1946	3,084	1,127	54	98	240	184	48	45	288	61	107	1,957
1947	2,926	838	24	86	224	105	36	29	181	40	113	2,088
1948	2,601	756	22	75	185	85	35	28	127	54	145	1,845
1949	2,410	801	16	89	166	87	49	23	115	86	172	1,609
SHEEP AND LAMBS												
Receipts:												
1941–1945	27,672	15,628	2,219	2,591	1,988	2,002	2,100	1,149	890	1,139	1,549	12,043
1946	26,147	13,618	1,487	2,102	2,331	1,968	1,779	909	956	917	1,169	12,529
1947	21,679	11,598	968	1,996	1,766	1,857	1,527	937	822	784	940	10,081
1948	19,814	10,604	888	2,394	1,587	1,380	1,301	943	741	581	788	9,210
1949	15,843	7,814	623	1,858	928	914	922	732	599	492	746	8,029
Shipments:												
1941–1945	13,863	6,327	314	2,047	794	833	704	240	263	442	691	7,536
1946	14,374	6,552	401	1,607	1,047	1,110	760	207	393	428	600	7,822
1947	11,695	5,344	280	1,424	824	1,011	532	209	299	358	407	6,351
1948	10,236	4,572	236	1,546	587	619	573	188	194	266	365	5,664
1949	8,932	3,871	201	1,349	460	442	382	205	181	236	416	5,061
SWINE												
Receipts:												
1941–1945	35,201	18,775	5,060	759	771	857	2,448	1,231	2,909	1,819	2,920	16,426
1946	28,465	14,745	3,541	829	573	675	2,142	1,203	1,904	1,750	2,127	13,720
1947	29,953	15,848	3,318	835	681	671	2,400	1,288	2,561	1,783	2,310	14,105
1948	30,611	16,000	3,342	897	749	738	2,331	1,373	2,681	1,812	2,076	14,611
1949	33,118	17,401	3,425	1,136	584	757	2,573	1,472	2,869	1,948	2,637	15,717
Shipments:												
1941–1945	9,395	2,812	461	117	66	141	260	78	805	344	540	6,584
1946	10,488	3,921	526	276	62	415	517	122	686	631	685	6,567
1947	9,036	2,941	282	236	52	269	374	144	684	493	408	6,095
1948	10,196	3,995	428	437	49	346	583	235	754	724	441	6,201
1949	10,885	4,283	434	546	72	364	566	248	824	724	505	6,602
HORSES AND MULES												
Receipts:												
1941–1945	328	137	4	9	28	35	16	3	30	4	8	191
1946	658	313	2	12	71	92	28	5	77	16	10	345
1947	315	101	2	6	27	26	7	2	23	4	3	214
1948	252	62	(1)	3	16	21	1	(1)	16	4	1	190
1949	175	46	(1)	2	13	19	(1)	(1)	9	1	1	129

[1] Less than 500 head.

Source: Department of Agriculture, Production and Marketing Administration; annual report, Agricultural Statistics. Data are published currently in mimeographed form.

No. 767.—Meat Animals Slaughtered—Total and Slaughter Under Federal Inspection, by Kind: 1901 to 1949

[**In thousands.** Includes farm slaughter. Excludes slaughter in Hawaii and the Virgin Islands beginning 1940. See also *Historical Statistics*, series E 136–151]

Yearly average or year	Cattle		Calves		Sheep and lambs		Hogs		Goats, Federally inspected
	Total	Federally inspected	Total	Federally inspected	Total	Federally inspected	Total	Federally inspected	
1901–1905	12,179	6,699	5,005	800	13,380	10,219	51,451	29,280	.....
1906–1910	13,837	7,595	6,582	2,010	14,519	10,739	55,578	32,109	[1] 75
1911–1915	13,144	7,152	6,394	1,976	17,859	13,669	57,300	34,460	103
1916–1920	15,025	9,838	7,633	3,399	14,055	11,056	63,179	39,608	126
1921–1925	13,974	8,979	9,259	4,556	15,454	11,891	69,569	46,269	26
1926–1930	12,860	8,932	8,133	4,759	17,648	14,010	67,991	45,335	22
1931–1935 [2]	13,364	8,799	8,885	5,175	22,099	17,405	65,740	41,435	34
1936–1940 [2]	15,110	10,001	9,580	5,693	21,724	17,427	63,109	39,130	7
1941–1945	18,766	12,696	11,359	6,244	24,992	21,240	83,026	54,765	14
1937	15,254	10,070	10,304	6,281	21,455	17,270	53,715	31,642	8
1938	14,822	9,776	9,306	5,492	22,423	18,060	58,927	36,186	6
1939	14,621	9,446	9,191	5,264	21,614	17,241	66,561	41,368	3
1940	14,958	9,743	9,089	5,358	21,571	17,349	77,610	50,398	5
1941	16,419	10,932	9,252	5,461	22,309	18,122	71,397	46,520	10
1942	18,033	12,340	9,718	5,760	25,585	21,624	78,547	53,897	25
1943	17,845	11,721	9,940	5,209	27,073	23,363	95,226	63,431	14
1944	19,844	13,955	14,242	7,769	25,355	21,875	98,068	69,017	7
1945	21,691	14,531	13,645	7,020	24,639	21,218	71,891	40,960	13
1946	19,824	11,402	12,168	5,841	22,814	19,884	76,244	44,394	87
1947	22,393	15,524	13,695	7,933	18,766	16,667	74,710	49,116	114
1948	19,186	12,994	12,328	6,907	17,439	15,343	71,936	47,615	358
1949 (prel.)	18,789	13,222	11,345	6,449	13,872	12,136	75,293	53,032	198

[1] Average for 1907–10.

[2] Excludes animals slaughtered under Government account, as follows: Cattle—1934, 3,334,000; 1935, 187,000; 1936, 4,000. Calves—1934, 1,377,000; 1935, 39,000. Sheep, 1934, 1,356,000. Hogs, 1933, 6,411,000. Goats, 1934, 89,000.

Source: Department of Agriculture, Bureau of Agricultural Economics and Production and Marketing Administration; data published in Livestock, Meats, and Wool Market Statistics and Livestock and Wool Situation reports.

No. 768.—Domestic Animals—Average Prices Received by Farmers and Average Chicago Market Price, by Kind: 1911 to 1949

[**Milk cows, dollars per head; others in dollars per 100 pounds, live weight.** Prices are weighted calendar year averages, except those for milk cows at local markets, and calves, sheep, and lambs at Chicago, which are simple averages of monthly prices. See also *Historical Statistics*, series E 128, 129, 131, 133, 134, 139, 143, 147, and 151]

Period	Milk cows at local market, per head	Beef cattle [1]		Calves, veal		Sheep		Lambs		Hogs	
		Local market	Chicago	Local market	Chicago	Local market	Chicago	Local market	Chicago	Local market	Chicago
1911–1915	52.30	5.80	7.89	7.10	9.30	4.58	5.13	6.02	7.57	6.89	7.60
1916–1920	79.50	8.77	12.91	11.00	14.35	8.81	10.25	11.90	15.05	13.54	14.78
1921–1925	56.30	5.91	9.13	7.96	9.78	6.24	7.02	10.16	13.53	8.24	9.04
1926–1930	79.60	8.21	11.82	10.61	13.07	6.75	6.57	10.99	13.54	9.65	10.23
1931–1935	40.20	4.74	7.44	5.72	7.08	2.85	2.81	5.67	7.37	5.08	5.57
1936–1940	57.16	6.81	9.97	8.09	9.91	3.94	4.04	7.95	9.64	7.65	8.06
1941–1945	98.68	10.86	14.41	12.28	14.36	5.96	6.45	11.98	13.89	12.58	13.14
1945	111.00	12.10	16.18	13.10	15.12	6.38	7.05	13.10	14.90	14.00	14.66
1946	131.00	14.50	19.16	15.30	16.87	7.48	7.83	15.60	18.40	17.50	18.40
1947	151.00	18.50	25.83	20.40	24.98	8.41	8.46	20.50	22.63	24.10	24.45
1948	185.00	22.20	30.88	24.40	29.02	9.66	10.70	22.80	25.04	23.10	23.14
1949 (prel.)	183.00	19.80	25.80	22.70	27.64	9.29	10.07	22.40	25.54	18.10	18.12

[1] Chicago prices are for beef steers, all grades, excluding Western.

Source: Department of Agriculture, Bureau of Agricultural Economics and Production and Marketing Administration; annual report, Agricultural Statistics. All local market prices and Chicago prices of beef cattle and hogs are published currently in Livestock Market News.

No. 769.—Domestic Animals—Monthly Average Prices Received by Farmers, by Kind: 1947, 1948, and 1949

[In dollars per 100 pounds, live weight. Average prices for year are weighted averages]

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Beef cattle:													
1947	16.70	17.00	18.00	18.30	18.80	19.30	19.50	19.00	19.00	18.30	18.20	19.50	18.50
1948	21.30	20.10	21.50	22.50	23.90	24.40	25.20	23.70	23.30	21 20	20.80	20.40	22.20
1949 (prel.)	20.00	18.70	20.50	20.80	20.90	20.90	20.00	19.40	20.00	19.50	19.20	19.00	19.80
Calves, veal:													
1947	18.00	19.00	19.60	19.40	20.20	20.90	20.80	20.70	21.40	21.00	21.10	21.90	20.40
1948	23 80	22 50	23.10	23 90	25.00	25.20	26.40	25.90	25.50	23.80	23.80	24.10	24.40
1949 (prel.)	25.10	24.30	24.50	24.90	23.80	23.40	22.40	22.10	22.40	21.90	22.00	22.40	22.70
Sheep:													
1947	7.64	7.78	8.43	8.57	8.73	8.36	8.59	8.55	8.64	8.42	8.63	8.62	8.41
1948	9.29	9.31	9.44	9.48	10.50	10.30	10.20	10.20	9.67	9.07	8.93	8.81	9.66
1949 (prel.)	9.17	9.24	10.10	10.80	10.60	9.95	9.33	8.89	8.69	9.12	8.92	9.28	9.29
Lambs:													
1947	19.10	19.60	20.30	19.80	19.90	20.90	20.90	20.90	21.50	20.30	20.80	21.30	20.50
1948	22.20	20.80	20.10	21.20	23.30	24.90	26.10	24.80	23 30	21.90	21.90	21.80	22.80
1949 (prel.)	21.90	21.50	23.60	25.80	25.30	24.40	22.80	21.20	21.60	21.50	21.40	21.00	22.40
Hogs:													
1947	21.90	24.30	26.50	23.90	22.20	22.10	22.00	23.60	26.70	27.10	24.30	25.20	24.10
1948	26 60	21.60	21.50	20 30	19.90	22.90	25 20	26.90	27.40	24.70	21.80	20.90	23.10
1949 (prel.)	20.10	19.60	20.00	18.60	17.90	18.80	19 30	19.40	19.90	17.60	15.60	14.80	18.10

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics. Published currently in Agricultural Prices. Also published in Crops and Markets.

No. 770.—Domestic Animals—Monthly Average Prices at Chicago, by Kind: 1944 to 1949

[In dollars per 100 pounds, live weight]

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average [1]
Beef steers: [2]													
1944	14.82	14.91	15.12	15.04	15.44	16.06	16.06	16.07	15.78	15.95	15.78	14.87	15.44
1945	14.71	15.12	15.64	16.14	16.38	16 58	16.64	16.42	16.62	16.86	16.91	16.59	16.18
1946	16.49	16.14	16.26	16.56	16.77	17.30	21 36	21.71	17.99	23.57	23.64	23.19	19.16
1947	22.16	21.94	23 30	22.93	24.06	25.87	27 85	28 84	29.54	29.82	29.52	29.08	25.83
1948	29.16	26.43	26.71	28.43	31.33	34.72	36.37	35.22	34.03	32.05	30.71	26.78	30.88
1949	24.35	22.25	24.14	24.20	24.88	26.47	25.86	26.28	28.11	28.93	28.21	26.47	25.80
Calves, veal: [3]													
1944	14.25	14.19	14.55	15.00	15.15	15.38	14.54	14.55	15.26	15.38	15.02	15.00	14.86
1945	15.00	15.10	15.92	16.68	15.47	15.40	15.11	14.72	13.93	14.46	14.75	14.94	15.12
1946	14.78	14.99	15.66	15.50	15.45	15.99	17.97	16.83	16.17	18.72	20.28	20.13	16.87
1947	24 58	26.00	24.76	23.14	24.96	24.68	23 07	23.08	25.08	26.20	26.01	28.18	24.98
1948	30.41	27.15	26.06	26.99	29.04	27.27	28.92	29.60	30.32	30.82	30.86	30.78	29.02
1949	32.60	31.06	27.98	27.58	26.35	26.13	24.98	25.96	27.40	27.02	26.95	27.72	27.64
Sheep: [4]													
1944	7.31	7.99	8.37	8.53	6.28	6.34	5.22	4.65	4.84	5.25	5.30	5.97	6.34
1945	7.25	8 36	8.78	8.69	7.34	7.14	7.40	6.15	5.53	5.58	5.88	6.50	7.05
1946	6.48	7.50	7.50	8.00	7.50	7.88	9.58	6.50	8.62	9.12	7.75	7.50	7.83
1947	8.25	8 88	9 88	9.75	8.38	6.75	7.25	8.00	8.00	8.62	8.25	9.50	8.46
1948	11.50	12.00	12.25	11.50	11.25	10.25	10.25	11.12	10.25	9.00	9.12	9.88	10.70
1949	10.50	10.62	12.75	13.00	12.00	8.12	7.75	8.00	8.62	8.88	10.25	10.38	10.07
Lambs: [4]													
1944	15.00	15.86	15.84	15.94	15.04	14.55	13.19	13.51	13.51	13.84	13.87	14.14	14.52
1945	15.02	16.00	16.31	16.30	15.29	15.29	15.55	13.81	13.26	14.02	14.00	13.89	14.90
1946	14.30	14.70	15.16	15.55	16.00	16.75	20.38	20 50	19.00	23.00	22.25	23.25	18.40
1947	23.25	23.12	23.12	21.25	21.62	24.25	22.75	20.25	22.50	22.62	22.75	24 08	22.63
1948	25.00	23.00	21.50	24 00	26.25	29.00	28.50	27.00	23.88	22.12	25.12	25.12	25.04
1949	24.75	24.75	30.50	29.50	29.25	27.12	24.50	23.62	23.00	23.75	23.38	22.38	25.54
Hogs: [5]													
1944	13.21	13.50	13.94	13.53	12.91	12.66	13.25	14.32	14.42	14.49	14.14	14.19	13.57
1945	14.66	14.70	14.70	14.71	14.71	14.69	14.54	14.51	14.54	14.75	14.67	14.66	14.66
1946	14.72	14.77	14.80	14.81	14.81	14.77	17.94	20.84	16.25	22.82	24.07	22.87	18.40
1947	22.45	25 70	27.10	23 49	22.24	22.06	22.11	23.74	26.66	27 81	24 96	26.31	24.45
1948	26.71	22.25	21.40	19.79	20.15	23.10	25.17	26.89	27.75	25.48	22.68	21.01	23.14
1949	19.46	19.44	20.16	18.32	18.49	19.08	18.23	19.09	19.74	17.87	15.87	15.05	18.12

[1] Simple averages of monthly prices, except those for beef steers and hogs, which are weighted averages.
[2] Excludes Western steers. [3] Good and choice grades.
[4] Bulk of sales. Slaughter ewes (culls excluded) and native lambs. [5] Packer and shipper purchases.

Source: Department of Agriculture, Production and Marketing Administration. Data for beef steers and hogs are published currently in Livestock Market News.

No. 771.—Meats and Lard—Production, Foreign Trade, and Consumption by Kind: 1940 to 1948

[**All quantities, except per capita, in millions of pounds of carcass weight equivalent.** Edible byproducts are excluded. Production of pork excluding lard comprises weight of dressed hog carcass less head bones and less all carcass fat rendered into lard. Lard production represents rendered weight of lard, and lard exports represent rendered lard, including neutral lard. Federally inspected production omits production in Hawaii and Virgin Islands from 1940 to date. Uninspected production is made up of farm and retail slaughter and all wholesale slaughter that is not Federally inspected. Commercial exports include commercial shipments to territories; they do not include USDA exports and shipments for Lend-Lease, UNRRA or other claimants, nor do they include shipments for military civilian feeding or voluntary relief feeding. Civilian consumption is calculated from production and foreign trade, with an allowance for changes in stocks, and with deduction of military takings beginning 1941 and of deliveries to USDA from 1941 to 1947. See also *Historical Statistics*, series E 138, 142, 146, and 150 for total production of beef, veal, lamb and mutton, and pork]

Year	Production			Exports of U. S. production	Imports for consumption	Civilian consumption	
	Total	Federally inspected	Uninspected			Total	Per capita (pounds)
All meats (excluding lard):							
1940	19,076	12,848	6,228	221	174	18,812	141.7
1941	19,569	13,425	6,144	173	269	18,934	142.8
1942	21,912	15,451	6,461	104	214	18,451	139.5
1943	24,482	16,829	7,653	70	235	18,921	146.0
1944	25,178	17,921	7,257	98	190	19,827	153.5
1945	23,687	15,359	8,328	76	130	18,737	144.4
1946	22,956	13,795	9,161	116	21	21,367	153.4
1947	23,430	16,236	7,194	311	65	22,236	155.0
1948	21,596	14,721	6,875	136	350	21,408	146.4
Beef:							
1940	7,175	4,964	2,211	56	168	7,257	54.7
1941	8,082	5,732	2,350	51	257	8,021	60.5
1942	8,843	6,343	2,500	31	211	8,049	60.8
1943	8,571	5,966	2,605	26	225	6,860	52.9
1944	9,112	6,652	2,460	37	189	7,146	55.3
1945	10,275	7,236	3,039	34	127	7,663	59.0
1946	9,373	5,661	3,712	35	19	8,533	61.3
1947	10,428	7,535	2,893	175	64	9,913	69.1
1948	9,183	6,433	2,750	44	341	9,261	63.3
Veal:							
1940	981	568	413	----------	(1)	981	7.4
1941	1,036	599	437	5	(1)	1,005	7.6
1942	1,151	667	484	3	1	1,084	8.2
1943	1,167	597	570	3	1	1,059	8.2
1944	1,738	926	812	4	1	1,594	12.4
1945	1,661	823	838	3	1	1,533	11.8
1946	1,440	642	798	3	1	1,379	9.9
1947	1,599	904	694	17	1	1,540	10.7
1948	1,419	791	628	4	5	1,380	9.4
Lamb and mutton:							
1940	876	702	174	2	(1)	873	6.6
1941	923	749	174	6	(1)	901	6.8
1942	1,042	879	163	4	1	950	7.2
1943	1,104	958	146	3	7	830	6.4
1944	1,024	887	137	3	(1)	857	6.6
1945	1,054	913	141	5	(1)	943	7.3
1946	970	850	120	3	(1)	925	6.6
1947	802	717	85	12	(1)	765	5.4
1948	753	665	88	6	3	738	5.0
Pork (excluding lard):							
1940	10,044	6,614	3,430	163	6	9,701	73.0
1941	9,528	6,345	3,183	111	12	9,007	67.9
1942	10,876	7,562	3,314	66	1	8,368	63.3
1943	13,640	9,308	4,332	38	8	10,172	78.5
1944	13,304	9,456	3,848	54	(1)	10,230	79.2
1945	10,697	6,387	4,310	34	2	8,598	66.3
1946	11,173	6,642	4,531	75	1	10,530	75.6
1947	10,601	7,080	3,521	107	(1)	10,018	69.8
1948	10,241	6,832	3,409	82	1	10,029	68.7
Lard:							
1940	2,288	1,527	761	232	(1)	1,924	14.5
1941	2,228	1,526	702	424	(1)	1,879	14.2
1942	2,401	1,724	676	684	(1)	1,759	13.3
1943	2,865	2,080	785	776	1	1,820	14.0
1944	3,054	2,367	687	894	(1)	1,824	14.1
1945	2,066	1,311	755	563	(1)	1,619	12.5
1946	2,138	1,344	794	470	(1)	1,669	12.0
1947	2,426	1,722	704	387	(1)	1,927	13.4
1948	2,368	1,680	688	322	(1)	2,020	13.8

[1] Less than 500,000 pounds.

Source: Department of Agriculture, Bureau of Agricultural Economics; The Livestock and Meat Situation and the National Food Situation.

No. 772.—Butter and Cheese—Production, Gross Receipts at Leading 5 Markets, and Cold-Storage Holdings: 1931 to 1949

[**In thousands of pounds.** Cheese production relates to grade "American" (whole milk) only; receipts, to all kinds. See also *Historical Statistics*, series E 157 for data on production of creamery butter]

PRODUCT AND MARKET	1931–1935, average	1936–1940, average	1941–1945, average	1946	1947	1948	1949
BUTTER							
Production, creamery [1]	1,690,272	1,731,623	1,632,099	1,171,339	1,329,094	1,210,042	[2] 1,408,605
Receipts (5 markets) [3]	709,057	708,207	586,331	350,379	456,846	424,743	446,140
New York	269,673	260,379	216,458	155,428	182,262	168,189	156,303
Chicago	237,197	260,675	196,141	97,648	147,194	140,326	178,606
Philadelphia	89,534	73,510	64,338	42,605	52,336	46,088	45,236
Boston	84,084	80,124	63,498	32,919	45,590	42,189	38,185
San Francisco	28,569	33,519	45,897	21,779	29,464	27,951	27,810
Cold-storage holdings, Dec. 1 [4]	74,119	94,614	115,195	41,477	46,002	60,214	130,452
CHEESE							
Production, American	411,702	536,049	822,536	801,264	932,718	850,708	[2] 928,075
Receipts (5 markets) [3]	156,735	163,465	216,334	267,921	248,187	215,642	205,849
New York	62,629	68,992	105,591	147,203	126,635	102,828	92,201
Chicago	37,606	35,093	46,760	31,873	29,851	26,576	32,993
Philadelphia	23,738	26,299	30,199	45,582	47,535	44,162	39,114
Boston	18,576	16,232	15,144	25,804	24,349	22,920	24,367
San Francisco	14,186	16,849	18,640	17,459	19,817	19,156	17,174
Cold-storage holdings, Dec. 1: [4]							
American	80,638	102,542	153,536	92,422	139,355	140,791	175,764
All other	13,680	17,670	20,633	31,013	23,327	23,619	20,361

[1] Includes whey butter. [2] Preliminary. [3] Gross weight. [4] Net weight.

Source: Department of Agriculture, Bureau of Agricultural Economics and Production and Marketing Administration; published in part in annual report, Agricultural Statistics.

No. 773.—Animals Butchered and Animals Sold Alive—Farms Reporting, Number, and Value, by Kind: 1944

ITEM	Cattle and calves, total	Cattle	Calves	Hogs and pigs	Sheep and lambs
ANIMALS BUTCHERED					
Farms reporting	(1)	686,068	412,661	3,823,227	(1)
Number (thousands)	1,528	918	610	10,520	(1)
Value (thousands of dollars)	92,345	70,812	21,534	308,121	(1)
ANIMALS SOLD ALIVE					
Farms reporting	3,014,338	(1)	(1)	2,104,170	332,449
Number (thousands)	36,107	(1)	(1)	68,122	28,735
Value (thousands of dollars)	2,574,654	(1)	(1)	1,988,834	254,275

[1] Not available.

No. 774.—Specified Animal Products of Farms—Quantity and Value, by Kind: 1934, 1939, and 1944

PRODUCT	FARMS REPORTING		Unit of quantity	QUANTITY (THOUSANDS)			VALUE (THOUSANDS OF DOLLARS)		
	1939	1944		1934	1939	1944	1934	1939	1944
Total value							(1)	**2,499,441**	**5,617,875**
Milk produced	4,663,431	4,494,882	Gal.	10,666,065	11,508,244	12,710,515	(1)	[2] 1,596,735	[2] 3,238,355
Whole milk sold	953,898	1,163,218	Gal.	(1)	5,375,408	7,583,952	(1)	917,085	2,149,108
Cream sold (butterfat content)	1,460,383	1,176,457	Lb.	(1)	1,090,261	805,102	(1)	265,013	408,494
Butter sold	389,316	217,135	Lb.	(1)	76,358	35,042	(1)	19,178	15,194
Wool produced	501,956	401,634	Lb.	338,682	289,773	279,979	73,745	65,412	118,282
Chicken eggs produced	4,875,472	4,763,042	Doz.	2,160,906	2,391,092	3,370,070	365,182	415,471	1,095,789
Chickens raised	4,674,462	4,662,189	No.	598,867	660,566	970,595	305,714	359,107	1,005,760
Turkeys raised	389,352	193,540	No.	(1)	27,934	27,202	(1)	62,716	159,690

[1] Not available. [2] Computed at average return for milk utilized in dairy products sold.

Source of tables 773 and 774: Department of Commerce, Bureau of Census; 1945 Census of Agriculture, Vol. II.

No. 775.—Milk Produced on Farms and Whole Milk, Cream, and Butter Sold, by States: 1939 and 1944

Division and State	Milk produced (thousands of gallons)		Whole milk sold (thousands of gallons)		Cream sold butterfat content) (thousands of pounds)		Butter sold (thousands of pounds)	
	1939	1944	1939	1944	1939	1944	1939	1944
United States	11,508,244	12,710,515	5,375,408	7,583,952	1,090,261	805,102	76,358	35,042
New England	429,028	466,006	347,424	403,656	5,388	2,013	4,626	2,580
Maine	65,750	67,457	35,149	44,711	1,804	742	2,916	1,686
New Hampshire	39,775	40,214	30,782	32,840	388	155	509	336
Vermont	147,743	171,753	128,330	158,110	2,456	526	921	429
Massachusetts	89,558	93,156	78,336	83,632	404	519	174	85
Rhode Island	14,219	15,547	12,824	14,169	71	13	9	1
Connecticut	71,984	77,878	62,003	70,193	266	57	98	43
Middle Atlantic	1,433,692	1,607,448	1,229,463	1,421,424	10,815	7,317	9,938	5,001
New York	838,415	914,322	738,880	827,922	5,143	2,565	4,205	1,866
New Jersey	101,930	116,473	93,533	109,225	182	53	106	35
Pennsylvania	493,346	576,653	397,050	484,278	5,489	4,700	5,627	3,101
East North Central	3,218,326	3,705,225	2,077,134	2,927,295	244,767	125,610	8,626	2,538
Ohio	496,972	560,767	302,996	423,993	36,336	19,301	2,651	857
Indiana	348,414	399,492	179,066	275,269	36,318	21,287	1,139	318
Illinois	527,833	604,234	303,108	415,639	42,978	33,005	1,866	387
Michigan	523,495	581,533	279,634	392,298	54,935	38,312	2,233	677
Wisconsin	1,321,612	1,559,198	1,012,330	1,420,096	74,200	13,705	737	299
West North Central	2,755,970	2,914,479	399,348	806,467	577,562	501,690	5,519	1,082
Minnesota	866,590	909,468	126,964	364,942	209,328	147,114	707	172
Iowa	652,730	691,178	68,610	99,811	150,647	149,477	725	144
Missouri	331,573	390,022	98,568	190,026	37,771	31,061	1,769	396
North Dakota	205,329	204,561	7,439	8,805	44,736	46,657	598	51
South Dakota	160,159	151,649	11,569	13,218	34,703	33,398	391	43
Nebraska	252,475	264,622	29,608	38,130	48,813	48,618	607	74
Kansas	287,114	302,978	56,590	91,535	51,564	45,365	724	203
South Atlantic	708,888	808,310	239,799	365,329	15,968	13,250	19,745	11,474
Delaware	15,207	18,436	11,808	15,801	106	32	121	115
Maryland	98,534	116,266	77,286	98,213	1,071	909	1,083	541
Dist. of Columbia	547	424	520	389	4	6	5	2
Virginia	153,844	177,522	49,866	77,423	6,461	6,548	4,357	2,156
West Virginia	83,948	86,314	18,350	28,796	4,587	3,550	2,008	1,189
North Carolina	143,429	160,648	26,150	49,480	1,776	1,081	5,092	3,323
South Carolina	58,800	65,351	10,404	17,528	401	239	1,800	1,388
Georgia	117,838	127,685	22,706	36,488	1,295	811	4,833	2,623
Florida	36,742	55,663	22,709	41,211	268	75	357	137
East South Central	690,821	775,985	173,805	286,773	29,444	26,163	11,795	6,452
Kentucky	208,971	244,202	49,998	84,213	17,054	17,151	1,875	676
Tennessee	204,564	233,269	64,509	107,609	8,937	6,846	4,638	2,014
Alabama	126,855	142,717	19,805	35,955	1,061	714	3,716	2,961
Mississippi	150,430	155,796	39,494	58,995	2,392	1,452	1,566	801
West South Central	972,253	951,971	205,576	309,271	89,021	66,656	13,228	5,157
Arkansas	150,828	148,412	17,292	36,189	11,167	8,493	2,118	1,029
Louisiana	76,397	86,026	22,797	32,531	497	203	635	381
Oklahoma	269,899	284,349	39,375	72,224	44,734	37,632	1,563	410
Texas	475,130	433,185	126,111	168,327	32,624	20,328	8,913	3,336
Mountain	456,895	492,126	166,071	264,572	53,218	37,528	1,808	391
Montana	72,443	72,298	11,940	17,546	11,108	10,593	595	110
Idaho	131,154	147,965	53,527	103,149	16,732	7,305	217	44
Wyoming	32,689	29,972	8,997	10,752	3,756	3,271	162	33
Colorado	100,536	102,118	34,290	43,790	12,073	10,995	383	70
New Mexico	29,372	29,009	6,335	10,058	3,419	2,380	203	48
Arizona	24,393	28,916	14,196	21,341	1,404	317	92	37
Utah	54,789	71,323	33,703	53,548	2,869	1,574	138	40
Nevada	11,519	10,525	3,082	4,389	1,857	1,092	17	9
Pacific	842,371	988,966	536,788	799,166	64,078	24,877	1,073	367
Washington	206,403	220,585	110,121	152,492	18,662	9,456	425	156
Oregon	150,449	154,828	59,671	91,109	20,181	10,840	204	60
California	485,519	613,554	366,996	555,565	25,234	4,581	445	152

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 776.—Dairy Products Manufactured—Quantity, by Kind: 1943 to 1948

[See also *Historical Statistics*, series E 157, 159, and 162 for data on creamery butter, ice cream, and total quantity of cheese]

PRODUCT	1943	1944	1945	1946	1947	1948
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
Creamery butter (incl. whey butter)	1,673,788	1,488,502	1,363,717	1,171,339	1,329,094	1,210,042
Renovated or process butter	2,940	6,406	2,345	1,441	1,219	1,090
American cheese:						
Whole milk	765,089	804,787	875,084	801,264	932,718	850,708
Part skim	4,670	2,248	1,098	2,696	4,906	3,987
Full skim	2,337	2,628	2,172	2,367	2,153	1,956
Swiss cheese (including block)	45,626	45,571	50,065	55,695	71,612	70,665
Brick and Munster cheese	27,978	27,435	14,756	17,678	26,533	26,506
Limburger cheese	6,653	7,510	8,777	9,548	7,753	7,358
Cream cheese and Neufchatel	70,451	60,440	66,912	73,226	66,503	56,816
All Italian varieties of cheese	43,003	41,762	64,628	75,388	38,100	43,377
All other varieties of cheese	29,824	27,494	35,452	65,275	34,821	35,008
Cottage, pot, and bakers' cheese	213,910	224,374	284,774	(1)	(1)	(1)
Condensed milk (sweetened):						
Skimmed	307,596	374,942	519,404	818,378	542,056	241,794
Unskimmed	183,835	202,731	220,322	183,656	247,286	171,853
Unsweetened condensed milk (plain):						
Skimmed	325,512	363,771	454,443	487,219	403,194	493,893
Unskimmed	102,452	119,403	128,875	98,471	174,525	223,253
Evaporated milk (unsweetened):						
Unskimmed	3,057,274	3,428,089	3,776,383	3,050,643	3,208,027	3,382,893
Concentrated skim milk (for animal feed)	14,964	20,489	12,250	23,408	18,642	22,633
Condensed or evaporated buttermilk (including concentrated product)	167,338	157,503	160,441	226,708	189,135	170,954
Dry buttermilk	60,995	56,683	49,578	38,627	45,437	41,528
Dry whole milk	137,766	177,754	217,276	188,406	164,888	170,087
Nonfat dry milk solids [2]	533,899	599,319	660,054	667,169	700,090	694,677
Dry cream	216	193	203	567	320	312
Dry whey	110,158	141,553	135,920	147,953	157,583	125,185
Dry casein (skim milk or buttermilk product)	18,386	15,264	12,333	18,319	35,831	14,372
Malted milk powder	49,435	40,549	42,751	45,029	37,354	31,361
	1,000 gallons	*1,000 gallons*	*1,000 gallons*	*1,000 gallons*	*1,000 gallons*	*1,000 gallons*
Ice cream of all kinds [3]	411,626	444,198	476,357	713,594	630,766	573,544
Sherbets (does not include water ices)	47,218	49,481	65,177	12,019	10,447	12,211
Ice milk	10,041	9,038	12,527	15,471	15,829	19,585
Frozen custards	1,543	1,400	2,410	1,923	2,514	2,317
Frosted or frozen malted milk	3,840	3,290	4,045	3,703	3,028	3,167

[1] Comparable data not available.
[2] Includes dry skim milk for animal feed.
[3] Includes data for ice cream made by counter freezers and by other small retailers.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Production of Manufactured Dairy Products; also published in annual report, Agricultural Statistics.

No. 777.—Milk—Estimated Consumption in Manufacture of Milk Products: 1941 to 1948

[In millions of pounds]

PRODUCT	1941	1942	1943	1944	1945	1946	1947	1948
Total	**59,655**	**60,399**	**56,748**	**54,749**	**54,871**	**51,718**	**55,494**	**52,140**
Creamery butter [1]	37,412	35,163	33,762	29,907	27,285	23,373	26,614	24,280
Cheese [2]	9,552	11,121	9,922	10,134	11,123	10,952	11,727	10,920
Evaporated milk (case goods) [3]	7,023	7,592	6,594	7,384	8,147	6,567	6,899	7,390
Condensed milk (case and bulk) [3]	718	617	672	757	816	657	992	930
Ice cream (factory) [4]	4,540	5,338	4,550	4,698	5,130	8,196	7,494	6,790
Dry whole milk	347	474	1,052	1,355	1,650	1,421	1,250	1,310
Malted milk	62	93	132	108	112	117	97	520
Other dairy products [5]	1	1	64	406	608	[6] 435	421	

[1] Excludes farm butter and milk equivalent of whey butter.
[2] Excludes cottage, pot, and bakers' cheese.
[3] Excludes product made from skimmed milk.
[4] Excludes milk equivalent of butter or concentrated milk used as sources of fat in ice cream. Beginning with 1943 includes ice milk and sherbet.
[5] Includes dry cream, dry part-skim milk, and dry ice cream mix.
[6] Includes milk equivalent of cream used in creamed cottage cheese.

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics

No. 778.—Butter, Butterfat, and Cheese—Average Prices Received by Farmers and Wholesale Prices: 1936 to 1949

[**In cents per pound.** Local market prices are weighted averages for entire country. Wholesale prices are for 92-score creamery butter and American cheddar cheese, Wisconsin. See also *Historical Statistics*, series E 165-166, for wholesale prices of butter and cheese]

YEAR	BUTTER		Butterfat, local market[1]	Cheese (Wisconsin)
	Local market	New York		
1936	28.8	33	32.2	15
1938	26.6	28	26.3	13
1940	26.6	30	28.1	14
1942	35.2	40	39.6	22
1944	43.8	42	50.3	23
1946	58.3	63	64.3	35
1947	63.3	71	71.8	36
1948	66.8	76	79.7	41
1949	(2)	62	(2)	30

MONTH	Butter (New York)		Butterfat, local market [1]		Cheese (Wisconsin)	
	1948	1949	1948	1949	1948	1949
March	80.2	61.6	80.3	63.4	38	29
June	80.3	59.0	82.8	59.3	44	30
September	71.9	62.2	75.6	61.7	41	31
December	64.5	63.1	65.7	63.3	37	31

[1] Yearly price obtained by weighting State yearly average of prices received by farmers by estimated volume sold, average of 5 preceding years; monthly prices weighted by estimated volume sold by farmers previous year.
[2] Not yet available.

Source: Dept. of Agriculture, Bureau of Agricultural Economics and Production and Marketing Administration; annual report, Agricultural Statistics.

No. 779.—Oleomargarine—Production and Materials Consumed: 1926 to 1949

[**In thousands of pounds.** Production by kind of oil used, from data reported to Production and Marketing Administration, Department of Agriculture; other production figures, from data reported to Commissioner of Internal Revenue for taxation purposes. Colored oleomargarine is taxed 10 cents per pound; uncolored, ¼ cent per pound]

YEAR ENDING JUNE 30—	OLEOMARGARINE PRODUCTION		
	Total	Colored	Uncolored
1926	248,047	13,181	234,866
1927	257,157	14,502	242,655
1928	294,699	15,351	279,348
1929	333,121	16,306	316,816
1930	349,124	17,103	332,021
1931	277,773	8,847	268,926
1932	215,342	4,636	210,706
1933	219,043	2,813	216,230
1934	243,187	2,689	240,498
1935	353,821	2,905	350,916
1936	371,738	2,773	368,964
1937	389,264	1,967	387,297
1938	415,404	1,649	413,755
1939	332,973	1,381	331,592
1940	303,717	1,860	301,858
1941	343,935	4,489	339,446
1942	368,805	14,828	353,977
1943	548,468	116,970	431,498
1944	609,026	135,003	474,023
1945	612,999	72,686	540,313
1946	551,203	66,410	484,792
1947	642,406	65,960	576,446
1948	890,333	75,243	815,091
1949	858,613	126,677	731,936
1948 calendar year, total	**874,596**	**91,670**	**782,926**
Combined animal and vegetable oil	19,076	727	18,349
Vegetable and nut oil	855,520	90,943	764,577
1949 calendar year, total	**837,015**	**169,083**	**667,932**
Combined animal and vegetable oil	22,114	1,254	20,860
Vegetable and nut oil	814,901	167,829	647,072

STATE OR MATERIAL	YEAR ENDING JUNE 30—			
	1946	1947	1948	1949
PRODUCTION				
California	54,606	89,176	139,166	131,717
Georgia	17,778	22,384	34,516	30,359
Illinois	175,805	193,157	227,861	197,150
Indiana	42,105	43,054	66,426	75,376
Kansas	30,918	32,558	70,170	44,354
Maryland	17,980	18,548	24,321	32,662
Michigan	19,882	21,712	30,594	26,359
Missouri	12,975	13,717	20,388	19,252
New Jersey	62,605	66,485	76,312	75,499
Ohio	74,937	85,944	104,583	106,643
South Carolina	5,169	5,184	9,836	13,207
Texas	35,838	46,880	65,652	64,577
All other	605	3,604	20,509	41,368
MATERIAL CONSUMED				
Total	**560,902**	**653,872**	**904,999**	**872,541**
Coconut oil		27,150	13,223	890
Corn oil	8,161	5,726	4,158	1,539
Cottonseed oil	211,561	247,751	433,069	435,250
Derivative of glycerine	1,030	1,046	1,443	1,270
Lecithin	627	773	1,189	1,458
Milk	92,812	108,151	150,318	144,401
Monostearine	407	667	899	725
Neutral lard	2,869	2,316	3,580	4,119
Oleo oil	4,591	2,955	3,230	3,507
Oleo stearine	2,372	2,880	3,442	3,058
Peanut oil	13,906	15,990	14,702	4,009
Salt	17,125	19,970	27,387	26,289
Soya bean oil	203,940	217,264	246,841	244,544
Other	1,502	1,234	1,516	1,482

Source: Calendar year figures, Department of Agriculture, Production and Marketing Administration; annual report, Agricultural Statistics. Other figures, Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.

No. 780.—Chickens on Farms, 1940 and 1945, Eggs Produced and Chickens Raised, 1939 and 1944, by States

Division and State	Chickens [1]				Chicken eggs produced			Chickens raised			
	Farms reporting (thousands)		Number on hand (thousands)		Farms reporting (thousands)	Number (thousands of dozens)		Farms reporting (thousands)		Number (thousands)	
	1940 (Apr. 1)	1945 (Jan. 1)	1940 (Apr. 1)	1945 (Jan. 1)	1944	1939	1944	1939	1944	1939	1944
United States	**5,150.1**	**4,900.9**	**337,949**	**433,111**	**4,763.0**	**2,391,092**	**3,370,070**	**4,674.5**	**4,662.2**	**660,566**	**970,595**
New England	**72.5**	**83.5**	**9,055**	**13,851**	**81.1**	**93,502**	**143,499**	**62.7**	**79.5**	**25,290**	**39,685**
Maine	20.1	21.5	1,542	2,184	20.8	16,045	22,896	17.3	20.4	3,793	5,574
New Hampshire	8.3	9.9	1,363	2,267	9.7	14,521	22,958	7.0	9.6	3,804	6,734
Vermont	12.9	12.9	662	930	12.3	5,670	9,296	11.0	12.1	1,452	2,199
Massachusetts	16.5	22.0	3,138	4,779	21.4	33,737	52,054	14.3	20.9	7,564	13,013
Rhode Island	1.8	2.5	352	509	2.5	3,241	4,912	1.7	2.4	839	1,442
Connecticut	12.8	14.8	1,998	3,183	14.4	20,289	31,383	11.4	14.2	7,838	10,722
Middle Atlantic	**265.2**	**257.3**	**31,716**	**42,055**	**248.6**	**269,688**	**374,379**	**227.8**	**243.1**	**58,520**	**86,406**
New York	106.8	100.4	11,190	13,356	96.6	97,212	120,944	89.1	94.2	20,462	28,121
New Jersey	18.7	20.1	5,388	8,377	19.5	46,909	79,646	16.9	19.3	10,040	16,898
Pennsylvania	139.7	136.9	15,137	20,322	132.6	125,567	173,789	121.8	129.7	28,019	41,387
East North Central	**848.6**	**795.0**	**67,306**	**82,071**	**766.0**	**474,690**	**636,911**	**747.8**	**752.3**	**123,126**	**157,975**
Ohio	196.7	181.8	15,560	17,326	174.3	114,969	143,997	171.8	171.0	29,440	34,901
Indiana	159.0	150.6	11,937	15,103	144.3	83,223	119,819	143.5	142.6	26,947	35,397
Illinois	193.6	182.5	17,647	21,631	176.6	112,944	151,873	177.9	173.5	31,644	40,208
Michigan	146.2	133.5	10,023	11,338	127.2	70,263	87,225	125.6	125.5	17,531	21,312
Wisconsin	153.2	146.6	12,140	16,674	143.6	93,292	133,998	129.0	139.8	17,564	26,158
West North Central	**961.8**	**905.5**	**95,212**	**125,741**	**883.4**	**622,027**	**994,579**	**884.4**	**863.0**	**167,247**	**223,038**
Minnesota	162.6	157.7	16,989	26,672	154.6	119,415	237,455	145.3	150.1	28,302	45,983
Iowa	197.8	190.2	26,559	33,219	184.0	168,204	254,063	180.6	180.3	43,405	58,760
Missouri	231.4	212.7	18,768	21,455	208.4	124,587	167,132	212.3	202.2	31,227	35,882
North Dakota	62.0	58.2	3,601	5,235	56.9	19,268	31,217	58.0	56.3	6,496	9,473
South Dakota	63.8	60.5	6,233	8,513	59.2	34,792	60,235	59.5	58.0	10,978	15,933
Nebraska	108.8	101.4	10,568	14,655	99.7	71,073	114,130	103.2	97.4	22,936	28,526
Kansas	135.5	124.7	12,494	15,993	120.5	84,690	130,346	125.6	118.7	23,903	28,480
South Atlantic	**887.0**	**881.9**	**33,025**	**42,402**	**859.0**	**207,079**	**271,769**	**826.4**	**843.4**	**101,660**	**219,497**
Delaware	7.2	6.3	902	1,074	6.0	6,182	7,756	7.0	6.9	17,666	54,631
Maryland	34.8	34.0	3,140	3,793	32.8	22,781	27,815	32.2	32.9	11,924	35,053
Dist. of Columbia	[2]	[2]	18	14	[2]	108	124	[2]	[2]	22	21
Virginia	153.5	150.5	6,996	8,955	147.6	50,075	66,003	144.5	143.0	22,117	34,335
West Virginia	84.2	79.1	3,378	3,541	76.7	22,722	26,343	74.9	74.9	6,087	12,856
North Carolina	245.1	244.6	7,315	10,792	237.7	41,847	63,158	229.2	234.8	17,413	30,329
South Carolina	123.9	128.6	3,376	4,646	126.0	17,234	23,602	117.3	123.4	8,422	10,687
Georgia	195.8	195.3	5,871	7,138	190.4	31,616	39,473	183.5	186.6	13,376	35,568
Florida	42.5	43.4	2,029	2,448	41.9	14,513	17,496	37.7	40.9	4,633	6,018
East South Central	**903.9**	**838.5**	**28,205**	**35,408**	**821.1**	**156,577**	**209,897**	**841.8**	**801.7**	**53,615**	**67,137**
Kentucky	222.1	203.9	8,185	10,256	198.9	45,372	61,566	210.3	195.1	16,941	19,705
Tennessee	219.3	208.3	8,013	10,404	204.6	46,606	66,773	207.9	200.0	14,869	18,306
Alabama	211.1	200.9	5,951	7,358	196.6	33,473	43,979	194.7	190.4	10,467	14,363
Mississippi	251.4	225.4	6,055	7,390	221.0	31,126	37,579	228.9	216.3	11,338	14,764
West South Central	**861.9**	**779.1**	**41,344**	**52,514**	**760.1**	**278,287**	**388,427**	**787.5**	**742.0**	**75,311**	**104,138**
Arkansas	193.9	173.3	6,315	7,249	169.6	38,594	50,065	177.9	165.8	14,634	20,603
Louisiana	133.3	116.9	4,182	4,996	114.8	22,631	27,168	124.2	112.3	7,627	9,071
Oklahoma	164.8	149.9	9,047	11,607	144.5	58,676	89,219	149.1	142.8	16,947	19,879
Texas	369.9	339.0	21,800	28,662	331.2	158,386	221,975	336.4	321.1	36,103	54,585
Mountain	**170.4**	**165.2**	**10,797**	**13,447**	**158.6**	**81,153**	**106,505**	**147.5**	**155.1**	**18,341**	**23,368**
Montana	32.4	29.7	1,795	2,029	28.7	13,591	15,378	29.3	28.2	3,303	3,669
Idaho	34.0	32.2	1,967	2,169	30.6	14,725	16,584	29.0	30.3	3,320	3,797
Wyoming	12.3	10.7	682	697	10.5	4,938	5,584	10.7	10.2	1,260	1,295
Colorado	42.2	40.1	2,842	3,444	38.5	19,251	26,552	37.2	37.8	5,210	6,321
New Mexico	23.4	22.2	936	1,198	21.4	6,104	8,219	19.7	20.6	1,425	2,000
Arizona	8.1	9.4	492	638	8.9	3,789	5,304	6.4	8.5	887	1,092
Utah	15.5	18.2	1,878	2,987	17.3	17,191	26,704	12.8	17.1	2,559	4,842
Nevada	2.6	2.7	205	285	2.6	1,564	2,180	2.5	2.4	377	352
Pacific	**178.7**	**194.8**	**21,290**	**25,623**	**185.1**	**208,087**	**244,104**	**148.5**	**181.9**	**37,455**	**49,352**
Washington	58.5	61.9	4,933	5,351	59.5	50,918	53,075	48.8	58.7	7,880	9,911
Oregon	46.4	48.8	3,075	3,501	46.5	27,484	32,137	38.0	45.5	4,825	6,437
California	73.8	84.1	13,283	16,772	79.1	129,686	158,892	61.6	77.7	24,750	33,004

[1] Chickens over 4 months old.

[2] 50 or less.

Source: Department of Commerce, Bureau of the Census; 1945 Census of Agriculture, Vol. II.

No. 781.—Poultry and Eggs—Farm and Commercial Production, by States: 1943–47 Average, and 1949

[Eggs in millions; other figures in thousands]

Division and state	Eggs produced on farms		Chickens raised on farms		Commercial broilers produced		Turkeys raised		Chicks hatched by commercial hatcheries	
	1943–47 avg.	1949	1943–47 avg.	1949	1943–47 avg.	1949	1943–47 avg.	1949	1943–47 avg.	1949
United States	**55,954**	**56,382**	**847,890**	**746,302**	**293,365**	**487,089**	**37,568**	**41,965**	**1,414,703**	**1,504,940**
New England	**2,442**	**2,407**	**29,230**	**27,696**	**18,080**	**34,892**	**811**	**810**	**90,564**	**115,315**
Maine	396	425	5,337	5,961	1,419	10,545	51	45	7,688	13,156
New Hampshire	383	387	5,070	4,735	2,730	3,952	75	69	23,134	32,657
Vermont	172	166	1,942	1,876	544	480	153	121	1,483	1,689
Massachusetts	881	829	9,608	8,244	4,829	7,458	314	335	25,889	31,986
Rhode Island	92	89	1,021	996	525	697	31	34	3,144	2,250
Connecticut	518	511	6,252	5,884	8,034	11,760	186	206	29,225	33,577
Middle Atlantic	**6,228**	**7,059**	**81,231**	**80,224**	**15,318**	**23,721**	**2,230**	**2,587**	**125,502**	**127,109**
New York	2,219	2,324	24,788	24,445	6,065	8,153	655	809	25,907	27,634
New Jersey	1,195	1,638	15,662	15,668	3,682	5,136	316	400	31,695	36,500
Pennsylvania	2,815	3,097	40,781	40,111	5,571	10,432	1,260	1,378	67,900	62,975
East North Central	**11,340**	**11,654**	**159,578**	**140,567**	**23,494**	**32,514**	**4,162**	**5,126**	**341,128**	**311,751**
Ohio	2,594	2,578	34,773	30,072	4,676	4,479	1,071	1,186	71,396	63,600
Indiana	2,054	2,239	34,234	32,224	6,291	12,354	815	1,241	101,887	100,150
Illinois	2,726	2,800	40,766	33,003	7,566	9,053	911	1,118	109,166	95,000
Michigan	1,612	1,563	23,832	21,890	1,202	1,546	792	975	30,674	28,165
Wisconsin	2,354	2,474	25,972	23,378	3,761	5,082	574	606	28,004	24,836
West North Central	**16,643**	**16,306**	**242,991**	**194,948**	**7,761**	**21,013**	**10,618**	**10,818**	**376,997**	**322,558**
Minnesota	3,805	3,858	48,351	38,277	1,186	1,661	3,522	3,669	67,542	59,833
Iowa	4,265	4,398	61,102	47,940	3,043	4,621	2,565	2,848	101,278	81,015
Missouri	2,865	2,811	41,077	36,981	2,638	11,430	1,552	1,572	108,695	93,800
North Dakota	609	528	10,352	7,434	-------	-------	832	775	5,809	5,500
South Dakota	1,055	1,060	18,382	14,929	-------	-------	423	281	17,823	15,560
Nebraska	1,913	1,733	32,421	24,612	-------	1,750	910	931	33,298	28,500
Kansas	2,130	1,918	31,303	24,775	894	1,551	815	742	42,552	38,350
South Atlantic	**4,523**	**4,619**	**90,622**	**75,932**	**172,144**	**254,293**	**2,949**	**4,300**	**223,582**	**326,800**
Delaware	131	141	2,605	2,164	58,872	71,881	87	70	37,353	49,630
Maryland	488	526	8,351	6,887	33,893	48,174	428	417	54,095	78,822
Virginia	1,167	1,206	16,555	13,200	23,110	38,127	1,107	1,526	37,627	51,719
West Virginia	508	498	6,563	6,300	7,606	13,708	368	682	5,400	8,783
North Carolina	972	1,009	24,085	20,406	15,067	21,943	341	486	35,747	44,538
South Carolina	355	342	10,204	8,504	3,460	6,519	344	714	7,344	8,703
Georgia	661	648	16,590	13,951	24,334	45,574	165	280	34,555	68,600
Florida	242	249	5,669	4,520	5,802	8,367	108	125	11,460	16,000
East South Central	**3,596**	**3,445**	**74,916**	**68,455**	**9,700**	**23,510**	**624**	**639**	**42,075**	**53,665**
Kentucky	1,220	1,248	22,508	20,046	1,166	1,526	220	216	11,917	13,400
Tennessee	1,100	1,047	20,024	18,619	1,851	3,115	160	182	13,038	13,525
Alabama	690	608	15,956	13,846	4,368	10,491	149	146	10,301	15,160
Mississippi	587	542	16,428	15,944	2,315	8,378	95	95	6,820	11,580
West South Central	**5,730**	**4,958**	**97,223**	**88,354**	**30,937**	**67,755**	**4,859**	**4,922**	**105,553**	**114,795**
Arkansas	705	590	14,973	13,714	15,916	38,033	125	165	11,437	26,677
Louisiana	364	331	10,148	10,407	1,373	2,426	49	58	5,688	6,018
Oklahoma	1,445	1,211	23,519	19,551	861	2,006	666	474	29,059	20,900
Texas	3,216	2,826	48,583	44,682	12,787	25,290	4,020	4,225	59,369	61,200
Mountain	**1,774**	**1,696**	**27,003**	**24,534**	**595**	**2,148**	**3,135**	**3,228**	**18,538**	**19,013**
Montana	243	227	4,158	3,634	-------	-------	157	130	1,659	2,320
Idaho	299	272	4,355	4,128	-------	-------	280	268	3,482	3,307
Wyoming	101	102	1,517	1,249	-------	-------	154	124	431	410
Colorado	457	417	7,707	6,247	-------	1,310	854	759	7,206	7,809
New Mexico	133	121	2,232	2,250	-------	-------	80	103	1,325	1,193
Arizona	79	75	1,246	925	595	838	87	60	1,770	1,168
Utah	423	442	5,320	5,695	-------	-------	1,479	1,752	2,554	2,690
Nevada	39	40	468	406	-------	-------	44	32	112	116
Pacific	**3,678**	**4,238**	**45,098**	**45,592**	**15,336**	**27,243**	**8,180**	**9,535**	**90,764**	**113,934**
Washington	825	788	9,810	9,953	2,408	4,883	1,271	1,118	15,485	20,055
Oregon	493	465	5,989	5,671	1,131	1,578	2,270	1,593	8,200	12,200
California	2,360	2,985	29,298	29,968	11,797	20,782	4,639	6,824	67,079	81,679

Source: Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics.

No. 782.—Processing of Eggs and Poultry: 1935 to 1949

[In thousands of pounds]

YEAR	DRIED EGG PRODUCED			Liquid egg used for immediate consumption	Frozen egg produced	Poultry for sale certified for evisceration under U.S. Govt. inspection [1] [2]	Canned poultry [1]
	Whole	Albumen	Yolk				
1935	61	133	2,806				
1936	126	267	1,093				
1937	74	541	1,776				
1938	179	1,510	4,313	10,400	116,100	8,264	
1939	184	2,305	7,550	12,089	177,144	20,202	
1940	392	1,916	5,179	12,646	189,578	26,181	
1941	31,241	4,391	9,648	18,765	237,182	31,335	
1942	226,127	2,253	7,269	21,429	[3] 257,631	59,241	
1943	252,903	2,093	6,976	26,317	[3] 412,615	94,517	89,763
1944	311,369	2,310	7,063	32,844	[3] 511,791	79,349	131,801
1945	96,988	1,710	7,164	18,704	[3] 397,579	113,175	146,587
1946	115,344	2,112	7,988	20,031	[3] 392,218	155,576	125,197
1947	80,037	1,493	4,031	15,817	[3] 371,096	121,487	87,552
1948	36,018	2,678	5,579	16,901	[3] 345,192	149,673	146,993
1949 (prel.)	69,411	2,266	4,285	18,828	[3] 318,327	212,853	128,231

[1] Dressed weight.
[2] Source: Production and Marketing Administration.
[3] Includes amounts which were later dried: 115,752,000 pounds for 1942; 159,346,000 for 1943; 179,146,000 for 1944; 122,167,000 for 1945; 84,219,000 for 1946; 20,538,000 for 1947; 25,311,000 for 1948; 32,395,000 for 1949. Also included in dried figures for each year.

Source: Department of Agriculture, Bureau of Agricultural Economics, except as noted; annual report, Agricultural Statistics.

No. 783.—Poultry and Eggs—Prices and Receipts at Leading Markets: 1931 to 1949

[Poultry: prices in cents per pound, receipts in thousands of pounds. Eggs: prices in cents per dozen, receipts in thousands of cases]

ITEM	1931–1935 average	1936–1940 average	1941–1945 average	1946	1947	1948	1949
Chickens, local market price	12.7	14.8	21.9	28.0	26.8	30.6	[1] 25.7
Turkeys, local market price, Nov. 15	15.5	16.3	29.3	36.5	35.8	46.2	[1] 34.4
Dressed poultry, receipts, 4 markets	349,740	373,896	437,966	554,579	488,331	417,127	486,948
Boston	55,993	55,533	57,790	69,800	62,609	53,802	63,240
New York	203,480	221,788	253,310	310,855	289,759	253,978	297,152
Philadelphia	34,164	28,190	30,413	46,502	42,101	35,984	29,808
Chicago	56,104	68,385	96,453	127,422	93,862	73,363	96,748
EGGS							
Wholesale prices:							
Extras, large, New York [2]	27.4	27.6	39.4	44.8	53.6	54.0	52.9
Current receipts, Chicago	17.9	19.5	33.2	35.6	41.8	41.0	42.1
U. S. extras, San Francisco [3]	23.6	25.7	42.5	50.5	59.4	60.5	55.8
Receipts, 5 markets	14,284	14,386	15,100	17,019	14,643	15,759	12,097
Boston	1,383	1,141	1,353	1,226	1,258	1,319	1,308
New York	6,760	6,523	6,502	7,814	6,982	6,367	5,092
Philadelphia	1,499	1,201	1,134	1,237	1,179	1,318	1,162
Chicago	3,870	4,636	4,789	5,586	4,088	5,694	3,450
San Francisco	772	885	1,322	1,156	1,136	1,061	1,085

[1] Preliminary.
[2] Quoted as "nearby white specials" 1931 through June 1943.
[3] Beginning 1944, grade A.

Source: Department of Agriculture, Bureau of Agricultural Economics and Production and Marketing Administration; annual report, Agricultural Statistics. Local market prices published in Crops and Markets.

No. 784.—Animal Products and Fish—Cold-Storage Holdings, by Kind, by Months: 1945 to 1949

[In thousands of pounds, except shell eggs, thousands of 30-dozen cases and "all meats," millions of pounds. Quantities are net weights and are as of 1st of each month. Beef and pork figures cover frozen, cured, and in process of cure]

PRODUCT AND YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Creamery butter:												
1945	60,767	38,926	31,062	29,833	45,139	70,375	131,669	184,759	206,501	189,888	164,646	108,501
1946	53,127	32,135	19,462	14,925	14,052	26,856	49,649	69,510	84,980	73,931	59,586	41,477
1947	27,874	18,224	9,988	7,818	9,194	17,445	51,625	83,286	88,364	76,912	72,125	46,092
1948	23,672	13,399	7,323	3,482	4,449	18,638	53,073	83,105	97,624	93,850	83,412	60,214
1949	33,615	18,737	8,718	6,318	15,338	51,056	102,701	136,786	153,855	154,455	144,819	130,452
American cheese:												
1945	131,379	124,627	118,087	98,766	108,675	134,590	166,739	196,335	208,558	207,438	193,965	159,284
1946	112,896	95,725	81,913	74,420	73,054	86,089	110,807	120,136	126,899	126,084	101,185	92,422
1947	93,873	87,459	74,795	71,757	88,737	106,479	130,005	151,661	169,571	164,651	151,455	139,355
1948	128,188	107,236	93,570	90,469	91,907	106,712	140,038	168,809	185,324	182,449	167,535	140,791
1949	126,534	116,779	111,073	105,608	109,920	117,021	140,859	162,346	183,208	188,259	185,839	175,764
All varieties of cheese:												
1945	144,553	133,773	127,052	106,965	118,432	148,271	182,831	213,198	229,310	227,354	213,054	173,736
1946	127,011	106,623	91,372	86,998	84,845	102,142	136,759	148,786	160,272	157,180	129,941	123,435
1947	123,592	114,606	98,053	93,427	113,854	133,495	161,363	185,202	202,597	193,849	176,626	162,682
1948	147,683	124,106	110,125	103,350	105,263	123,507	165,201	197,220	217,819	212,282	195,470	164,410
1949	148,100	135,110	126,503	120,563	125,903	134,765	162,256	185,517	210,411	213,433	209,515	196,125
Shell eggs:												
1945	411	296	521	1,784	3,823	5,432	6,120	5,926	4,771	3,724	1,666	314
1946	113	272	1,578	3,771	6,425	8,683	9,871	9,537	7,960	5,738	3,585	1,717
1947	767	287	221	508	1,742	3,452	4,203	4,268	3,807	2,804	1,818	824
1948	196	269	374	1,165	3,091	4,903	5,669	5,525	4,608	3,290	1,685	444
1949	159	152	144	530	954	1,943	2,290	1,936	1,426	810	501	250
Frozen eggs: [1]												
1945	165,933	98,985	85,499	114,814	169,526	231,930	255,936	248,675	218,010	203,209	182,322	155,934
1946	129,424	111,721	117,903	149,710	200,176	245,287	265,050	260,101	236,256	207,244	168,591	132,664
1947	102,437	80,800	73,564	98,718	153,876	202,245	237,303	241,573	234,434	216,762	189,596	164,673
1948	138,192	122,438	120,665	143,253	195,954	248,574	266,748	257,367	233,431	200,968	169,287	139,208
1949	104,932	71,532	58,621	77,319	107,058	141,361	166,582	168,394	146,868	121,476	96,382	72,556
Frozen poultry:												
1945	269,021	215,553	183,889	141,708	117,755	102,236	97,211	103,203	114,192	157,077	238,936	320,745
1946	355,914	363,954	356,730	320,027	256,822	209,944	173,905	178,842	207,137	184,841	261,006	301,030
1947	316,577	316,792	283,825	242,485	208,256	187,717	171,260	174,627	183,024	205,653	277,870	317,112
1948	317,463	293,640	262,374	205,745	153,424	117,935	99,507	91,186	88,234	108,368	154,617	171,472
1949	160,834	148,418	131,496	108,732	89,205	77,823	74,733	71,261	83,466	132,380	211,517	267,508
Beef:												
1945	107,171	116,093	133,132	152,629	190,224	215,013	266,943	261,881	241,523	199,816	177,425	167,372
1946	174,241	179,153	159,003	157,181	136,682	102,793	64,649	64,110	95,322	72,855	58,749	101,308
1947	156,019	179,767	184,901	191,481	166,367	137,580	106,282	94,491	97,390	85,317	101,720	133,537
1948	175,231	176,110	165,169	144,254	113,725	96,755	82,705	70,559	68,837	73,939	87,775	110,587
1949	149,329	150,858	140,125	127,169	107,598	86,761	74,237	68,429	65,083	63,076	69,721	91,169
Pork:												
1945	371,393	407,202	366,185	325,503	294,448	305,996	333,019	344,812	285,216	211,004	168,028	235,894
1946	320,571	396,740	426,545	396,753	379,373	382,742	322,433	299,755	168,861	99,859	142,912	209,946
1947	276,232	399,473	399,317	397,794	394,421	364,531	352,814	331,746	264,124	195,896	187,971	304,851
1948	527,159	659,309	700,114	661,399	606,827	580,056	582,496	508,213	359,794	234,909	203,163	310,706
1949	469,153	585,215	611,123	586,429	545,231	466,108	419,590	367,043	283,178	204,678	209,687	297,205
All meats:												
1945	577	618	592	564	568	608	701	711	627	500	440	496
1946	604	689	701	669	620	573	461	444	351	228	266	401
1947	554	731	736	748	715	648	597	549	473	381	390	562
1948	857	996	1,031	968	851	790	779	686	528	395	382	535
1949	763	889	903	861	791	673	612	547	451	362	370	493
Frozen fish:												
1945	109,829	78,971	52,965	39,830	32,509	40,516	58,438	80,523	108,999	127,055	138,434	148,286
1946	140,208	115,398	99,051	84,265	75,318	84,725	97,806	126,837	152,403	147,085	149,549	158,486
1947	152,803	127,381	97,939	78,242	70,202	79,732	90,158	110,611	132,930	135,870	140,070	142,102
1948	133,844	112,046	90,491	76,743	68,268	85,601	100,537	127,474	135,928	140,161	148,049	158,008
1949	150,974	127,635	104,138	82,722	74,940	91,453	114,031	127,216	146,344	150,608	156,077	158,719
Lard and rendered pork fat:												
1945	98,483	81,494	64,770	49,728	53,766	64,339	65,899	79,285	68,989	58,998	50,914	59,349
1946	82,826	83,489	90,184	80,438	71,153	45,539	34,910	43,590	37,969	30,021	31,513	40,623
1947	68,756	122,988	117,557	109,254	127,680	148,663	175,269	193,736	162,565	125,579	90,437	73,377
1948	113,286	133,513	137,416	129,028	138,924	150,660	181,327	174,304	139,751	96,587	66,526	77,021
1949	116,397	160,610	179,628	156,782	138,216	125,823	103,890	96,255	68,819	48,768	38,320	39,808

[1] Frozen eggs may be converted to cases on basis of 37.5 pounds to a case.

Source: Frozen fish, Department of Interior, Fish and Wildlife Service; annual bulletins. Other figures, Department of Agriculture, Production and Marketing Administration; annual report, Agricultural Statistics; also published in monthly mimeographed reports.

No. 785.—Wool—Production, Imports, and Exports: 1839 to 1949

[In thousands of pounds. Production, except census data, estimated and for calendar years: figures for 1909 and later years, revised estimates, based on 1945 census data. Pulled wool included beginning 1900 and probably included for 1870 to 1899, though exact basis of estimates for these years is not known. Figures for 1839, 1849, and 1859 include only fleece. Exports and imports for 1839 are for fiscal year ending Sept. 30; for 1849 and 1859, fiscal years ending June 30; subsequently, calendar years. Imports and foreign exports prior to 1914 and domestic exports for all years include hair of Angora goat, alpaca, and other like animals]

PERIOD	Production	Imports [1]	EXPORTS		PERIOD	Production	Imports [1]	EXPORTS	
			U. S. production	Foreign				U. S. production	Foreign
1839	35,802	7,925	----------	119	1920	293,788	254,905	8,845	12,393
1849	52,517	17,869	160	47	1921	290,223	316,605	1,927	1,552
1859	60,265	24,471	1,707	41	1922	270,367	366,538	453	4,225
1870	162,000	54,459	46	1,966	1923	272,668	388,345	535	23,557
1871–1880 (avg.)	186,275	67,789	158	4,099	1924	282,005	262,655	309	27,476
1881–1890 (avg.)	280,700	95,747	325	4,196	1925	300,003	336,646	273	7,087
1891–1895 (avg.)	309,409	156,736	1,596	3,726	1926	318,861	299,451	292	14,082
1896–1900 (avg.)	271,835	172,448	2,712	5,965	1927	339,504	264,507	323	10,710
1901–1905 (avg.)	298,713	181,649	237	3,250	1928	366,720	240,360	485	4,435
1906–1910 (avg.)	321,072	203,995	140	4,929	1929	382,295	277,214	239	2,380
1911–1915 (avg.)	309,223	240,993	[2] 2,857	3,522	1930	414,029	162,482	162	1,715
1916–1920 (avg.)	294,545	399,980	3,568	4,276	1931	442,401	157,800	274	1,089
1921–1925 (avg.)	283,053	334,158	699	12,779	1932	418,096	56,310	179	3,593
1926–1930 (avg.)	364,282	248,762	300	6,664	1933	438,352	150,985	19	478
1931–1935 (avg.)	431,148	134,780	122	2,270	1934	429,360	108,343	119	4,163
1936–1940 (avg.)	425,263	255,951	412	2,794	1935	427,531	200,463	20	2,029
1941–1945 (avg.)	428,525	858,065	12,869	56,955	1936	419,411	253,989	16	1,271
1907	298,295	188,306	86	3,109	1937	422,278	322,257	68	2,451
1908	311,138	142,559	169	6,985	1938	424,425	102,722	1,343	2,193
1909	351,179	312,131	46	1,084	1939	426,189	243,107	179	1,184
1910	345,834	180,135	[3] 48	9,055	1940	434,014	357,680	456	6,871
1911	342,552	155,923	([4])	3,511	1941	453,320	816,886	38	4,038
1912	319,380	238,118	([4])	1,816	1942	454,997	1,080,662	111	2,993
1913	309,388	151,814	[3] 77	3,860	1943	444,043	956,477	27,924	69,530
1914	293,621	256,501	[3] 335	6,342	1944	411,818	622,545	7,476	8,312
1915	281,175	402,611	[3] 8,158	2,081	1945	378,449	813,757	28,798	199,902
1916	287,637	442,650	3,919	2,128	1946	341,787	1,038,105	13,501	271,883
1917	276,914	416,137	1,827	1,272	1947	309,398	641,793	12,722	48,291
1918	295,993	447,426	407	452	1948 [5]	280,524	757,755	1,154	2,877
1919	318,391	438,782	2,840	5,134	1949 [5] (prel.)	253,350	435,484	15,801	3,828

[1] General imports through 1932; imports for consumption thereafter. [2] Average for fiscal years 1913 to 1915.
[3] Exports for fiscal year ending June 30. [4] Not reported separately for 1911; no exports in 1912.
[5] Effective 1948, export data include shipments under Army Civilian Supply Program.

Source: Production, 1839, 1849, 1859, Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Vol. III. Other years, production, Department of Agriculture, Bureau of Agricultural Economics, annual report, Agricultural Statistics. Imports and exports, Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the U. S. and records.

No. 786.—Wool—Prices and Value of Imports: 1926 to 1949

ITEM	1926–1930, average	1931–1935, average	1936–1940, average	1941–1945, average	1946	1947	1948	1949
Prices (cents per pound):								
Average U. S. local market price, unwashed	30	17	26	40	42	42	49	49
Bright fleece (greased basis), fine clothing, at Boston	36	20	30	39	[1] 31	[1] 36	36	40
Territory,[2] fine staple scoured, at Boston	103	67	89	117	[1] 103	[1] 122	163	166
Value of U. S. imports (1,000 dollars) [3]								
Clothing [4]	6,050	1,059	2,771	22,918	20,381	7,508	12,974	10,628
Combing [4]	36,231	4,384	24,257	190,829	196,726	142,795	192,788	146,402
Carpet [5]	34,300	12,156	28,547	19,588	34,986	34,106	55,045	31,909
Not finer than 40s [5]	----------	841	4,377	9,880	30,678	22,035	43,295	29,399

[1] Selling price of Commodity Credit Corp.
[2] Wyo., Mont., Utah, Nev., Colo., N. Mex., eastern Oreg., and parts of Dakotas.
[3] Imports for consumption beginning with 1933; general imports prior to 1933.
[4] Because of changes in tariff laws in 1922, much wool of kind formerly classifiable as "clothing" is now classified as "combing." [5] Carpet excludes "not finer than 40's" beginning 1931.

Source: Prices, Department of Agriculture, Bureau of Agricultural Economics; annual report, Agricultural Statistics. Imports, see source note, table 785.

No. 787.—Wool—Estimated Production and Weight per Fleece, by States: 1942 to 1949

State	Production (thousands of pounds)								Average weight per fleece (pounds) 1949
	1942	1943	1944	1945	1946	1947	1948	1949	
Shorn wool, U. S. total	**388,297**	**378,843**	**338,318**	**307,949**	**280,487**	**252,798**	**233,924**	**216,950**	**8.04**
New York	2,065	2,009	1,828	1,569	1,354	1,195	1,109	1,058	7.3
Pennsylvania	2,595	2,572	2,468	1,905	1,786	1,642	1,552	1,552	7.5
Ohio	16,575	16,084	12,675	11,583	10,441	9,396	8,635	8,028	8.2
Indiana	5,490	4,979	4,126	3,648	3,315	3,253	2,789	2,645	7.6
Illinois	6,644	6,621	4,785	5,039	3,954	3,766	3,535	3,297	8.0
Michigan	6,448	5,975	5,265	4,535	3,912	3,403	3,264	2,744	8.0
Wisconsin	3,102	3,149	2,736	2,310	2,141	1,967	1,786	1,628	8.1
Minnesota	9,298	9,298	8,071	6,802	5,729	5,184	4,332	4,152	8.0
Iowa	12,172	10,704	8,736	7,722	6,304	6,781	5,767	4,900	8.1
Missouri	11,052	10,711	9,506	8,619	7,631	8,047	7,538	7,673	7.2
North Dakota	8,976	8,406	7,578	6,226	5,159	4,333	3,646	3,212	8.8
South Dakota	16,423	15,473	13,385	10,820	9,181	7,880	6,471	5,928	8.3
Nebraska	4,086	4,744	3,149	2,724	2,154	1,835	2,223	2,082	8.2
Kansas	5,921	6,755	5,148	4,718	3,583	3,209	3,067	2,720	8.2
Virginia	1,724	1,632	1,545	1,469	1,423	1,409	1,346	1,330	5.3
West Virginia	2,178	2,054	1,775	1,596	1,595	1,532	1,452	1,442	5.3
Kentucky	6,256	5,638	4,850	4,443	4,434	4,561	4,582	4,160	6.4
Tennessee	1,870	1,890	1,685	1,561	1,550	1,485	1,410	1,290	5.2
Oklahoma	2,739	2,746	1,733	1,536	1,223	1,218	1,008	772	7.8
Texas	74,994	80,713	78,689	74,816	71,263	61,946	55,653	52,415	8.0
Montana	32,964	30,945	27,866	23,707	21,485	17,317	16,629	15,103	8.9
Idaho	16,863	14,814	13,551	11,825	10,754	10,425	10,530	9,600	9.6
Wyoming	33,320	32,997	27,000	24,700	23,950	21,810	20,083	17,285	9.7
Colorado	14,896	15,458	13,229	12,885	12,118	10,890	9,766	9,551	8.4
New Mexico	16,399	15,719	14,591	13,868	12,141	11,361	10,976	10,796	8.2
Arizona	4,362	4,043	4,056	3,567	3,187	3,027	2,638	2,669	7.6
Utah	18,081	16,845	14,869	14,229	14,266	13,120	12,704	10,690	8.6
Nevada	5,521	5,100	4,998	4,424	4,190	3,818	3,689	3,336	8.0
Washington	5,496	5,132	4,555	3,977	3,565	3,556	3,326	2,909	8.9
Oregon	12,923	10,471	9,654	8,300	6,800	6,204	6,100	5,207	8.2
California	23,954	22,375	21,505	20,409	17,607	15,054	14,242	14,874	7.2
Other States	2,910	2,791	2,621	2,418	2,292	2,174	2,076	1,902	4.6
Pulled wool	66,700	65,200	73,500	70,500	61,300	56,600	46,600	36,400	

Source: Department of Agriculture, Bureau of Agricultural Economics; annual reports, Agricultural Statistics and Wool Production and Income.

No. 788.—Wool Consumed in Manufactures: 1924 to 1949

[**In millions of pounds.** See also *Historical Statistics*, series J 176]

Year	Scoured basis [1]			Year	Scoured basis [1]		
	Total	Apparel class [2]	Carpet class		Total	Apparel class [2]	Carpet class
1924	342.2	249.7	92.5	1937	380.8	274.2	106.6
1925	349.9	251.7	98.2	1938	284.5	219.6	64.9
1926	342.7	254.7	88.0	1939	396.5	293.1	103.4
1927	354.1	258.7	95.4	1940	407.9	310.0	97.9
1928	333.2	232.4	100.8	1941	648.0	514.4	133.6
1929	368.1	253.2	114.9	1942	603.6	560.5	43.1
1930	263.2	200.7	62.5	1943	636.2	603.3	32.9
1931	311.0	237.7	73.3	1944	622.8	577.0	45.8
1932	230.1	188.5	41.6	1945	645.1	589.2	55.9
1933	317.1	245.5	71.6	1946	[3] 737.5	609.6	127.9
1934	229.6	167.6	62.1	1947	[3] 698.3	525.9	172.4
1935	417.5	319.0	98.5	1948	[3] 693.1	485.2	207.9
1936	406.1	299 8	106.3	1949	[3] 505 0	343.2	161.8

[1] Scoured wool, plus greasy wool reduced to a scoured basis, assuming average yields varying with class, origin, grade, and whether shorn or pulled.
[2] Wool regarded as more or less suitable for apparel purposes; formerly "Combing and clothing."
[3] Includes raw wool consumed on woolens and worsted systems only. Raw wool consumed on cotton and other systems and by felt and batting manufactures amounted to about 10 million pounds in 1946.

Source: Department of Commerce, Bureau of the Census; monthly data are published in Facts for Industry Series M15H.

No. 789.—Domestic and Other Animals on Farms, by Kind—Summary for Alaska, American Samoa, Guam, Hawaii, Puerto Rico, and Virgin Islands

[Figures are as of Apr. 1 except for Alaska, which are as of Oct. 1]

CLASS	NUMBER					
	Alaska		American Samoa		Guam	
	1929	1939	1930	1940	1930	1940
Horses	311	496	215	121	147	126
Mules	8					
Asses and burros						
Carabaos					3,253	1,560
Cattle	1,869	3,749	606	272	6,948	5,845
Milk cows	653	1,217	[1]	26	[1]	260
Sheep	6,858	17,076				
Goats	325	280			1,003	1,353
Swine	310	959	5,170	8,641	7,616	14,089
Chickens	10,979	18,374	16,108	22,908	154,784	209,465
Fur-bearing animals	21,045	34,433				
Reindeer	712,500	312,854				

	Hawaii		Puerto Rico		Virgin Islands	
	1930	1940	1930	1940	1930	1940
Horses	12,030	[2] 10,044	42,120	33,688	862	[2] 954
Mules	7,975	[2] 4,491	5,827	4,652	994	[2] 623
Asses and burros	878		1,756	1,547	523	[2] 544
Carabaos	102	52				
Cattle	138,316	[2] 139,078	296,235	299,734	12,252	[2] 8,796
Milk cows	10,465	10,952	112,376	89,217	4,726	2,480
Sheep	32,137	[3] 26,207	3,259	3,488	1,533	[3] 819
Goats	452	[4] 765	34,269	42,861	1,476	[4] 2,134
Swine	30,563	[4] 31,684	69,266	97,306	860	[4] 1,124
Chickens	270,523	272,590	[1]	[4] 981,358	3,331	[4] 8,046

[1] Not available.
[2] Excluding data for animals under 3 months old.
[3] Excluding data for sheep and lambs under 6 months old.
[4] Excluding data for animals or chickens under 4 months old.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Territories and Possessions.

No. 790.—Principal Crops, Land Harvested and Production—Summary for Alaska, Hawaii, Virgin Islands, Puerto Rico, Guam, and American Samoa

[Leaders indicate no data available]

AREA AND CROP	LAND HARVESTED (ACRES)		PRODUCTION		
			Unit	Quantity	
	1929	1939		1929	1939
ALASKA					
Barley	39	654	Bushel	970	13,219
Oats	153	527	do	6,913	13,661
Potatoes	271	388	do	40,893	41,887
Wheat	54	527	do	1,054	9,479
	1930	1940		1930	1940
HAWAII					
Coffee	5,360	4,136	Pound	19,949,521	8,546,783
Corn	1,532	1,862	Ton	1,004	816
Pineapples		48,598	do	354,940	614,484
Potatoes, white	214	487	Hundredweight	6,054	19,916
Rice	2,045	509	Pound	7,582,067	1,901,816
Sugarcane	146,063	135,945	Ton	7,471,452	8,535,023
Sweetpotatoes and yams	336	180	Pound	1,877,700	927,105
Taro	772	622	Ton	11,951	5,790
	1929	1939		1929	1939
VIRGIN ISLANDS					
Sugarcane	5,823	4,097	Ton	56,405	42,641
Sweetpotatoes and yams	28	131	Hundredweight	831	1,801

No. 790.—Principal Crops, Land Harvested and Production—Summary for Alaska, Hawaii, Virgin Islands, Puerto Rico, Guam, and American Samoa—Con.

Area and crop	Land harvested or number of trees or plants		Production		
			Unit	Quantity	
	1929	1939		1929	1939
PUERTO RICO	*Cuerdas*	*Cuerdas*			
Coffee	191,712	181,106	Pound	7,331,877	32,652,044
Corn	70,217	59,350	Cwt.	449,016	368,110
Cotton	10,282	3,381	Pound	5,482,462	1,637,067
Dry beans	40,902	48,363	Cwt.	194,203	192,488
Pigeon peas		34,301	do		157,222
Rice	5,244	13,753	do	22,126	79,156
Sugarcane	237,758	229,750	Ton	5,602,451	7,237,717
Sweetpotatoes	47,616	49,565	Cwt.	1,152,443	1,031,600
Tobacco	52,947	28,584	Pound	30,358,149	19,885,377
Yantia	16,683	22,080	Cwt.	350,947	427,072
Bananas		47,114	Bunch	25,825,656	16,014,474
Coconuts		12,961	Number	12,003,000	21,776,289
Grapefruit		4,869	Box or no.[1]	604,943	24,829,531
Oranges		9,879	do.[1]	871,370	116,273,562
Pineapples		1,912	Crate	436,400	319,234
Plantains		16,775	Bunch	1,951,633	6,166,226
	1929	1939		1929	1939
GUAM	*Acres*	*Acres*			
Arrowroot	75	93	Pound	48,836	136,640
Cassava	165	181	do	195,511	472,657
Corn	3,565	2,176	Bushel	37,686	36,313
Rice	197	517	do	4,096	10,860
Sweetpotatoes	543	321	do	10,689	13,753
Taro	1,033	718	Number	1,824,967	2,446,909
Yams	404	199	Bushel	21,096	15,273
	Number of trees or plants	*Number of trees or plants*			
Alligator pears (avacados)	7,407	10,220	Number	287,991	959,881
Bananas	250,521	535,240	Bunch	196,327	301,264
Breadfruit	36,493	37,279	Number	3,671,190	2,931,796
Coconuts	1,021,884	885,424	do	17,431,589	20,849,546
Coffee	101,488	90,254	Pound	54,718	42,686
Kapok	6,380	9,629	do	14,856	18,283
Lemons	8,496	11,270	Number	882,233	868,684
Mangoes	6,263	4,602	do	1,184,248	1,933,761
Oranges	4,891	5,477	do	393,047	365,073
Papayas	6,847	7,719	do	96,712	78,153
Pineapples	157,528	134,263	do	118,233	87,025
Tangerines		3,951	do		647,719

Area and crop	Farms reporting		Land harvested or number of trees or plants		Production[2]	
	1929	1939	1929	1939	Unit	Quantity, 1929
AMERICAN SAMOA	*Number*	*Number*	*Acres*	*Acres*		
Arrowroot	38	690	4		Pound	3,478
Sugarcane	48	808	13		do	63,675
Taro	808	1,017	714		Number	1,746,880
Tobacco	95	197	168		Pound	99,139
Yams	112	542	67		Bushel	3,819
			Number of trees or plants	*Number of trees or plants*		
Alligator pears (avocados)	288	348	918	1,275		
Bananas	810	1,027	262,590	[3] 459,000		
Breadfruit	803	1,028	25,230	[3] 46,000		
Coconuts			[4] 275,000	[4] 245,000		
Limes	101	559	279	2,383		
Mangoes	402	631	1,615	3,203		
Oranges	400	671	2,080	4,699		

[1] For 1929, box; for 1939, number. [2] Data for 1939 not available. [3] Estimated in part.
[4] Based on estimates supplied by Governor of Samoa.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Agriculture, Territories and Possessions.

26. Forests and Forest Products

The Bureau of the Census, Department of Commerce, and the Forest Service, Department of Agriculture, are the principal Government agencies engaged in the collection and publication of statistics of forest land, forest industries, and forest products. The Forest Service, through its forest survey activities, is making an inventory of the forest resource and is measuring rates of forest growth and drain. A number of reports for surveyed areas have been published. A report based on a reappraisal of the Nation's forest situation made during 1945 and 1946 was published in 1948. Statistics from this report are shown in tables 791–794. Other publications of the Forest Service include data on stumpage and log prices, lumber consumption and distribution, lumber used in manufacture, and fire statistics. The *Statistical Supplement to the Annual Report of the Chief of the Forest Service* carries statistics of the administration of the national forests.

The Bureau of the Census, Department of Commerce, publishes information on forest industries and products in reports of the Census of Manufactures, in addition to annual reports of the Census of Forest Products. The Bureau of the Census also publishes statistics of foreign trade in forest products. Information on the domestic movement of forest products is reported by the Interstate Commerce Commission and the Association of American Railways.

The Bureau of Agricultural and Industrial Chemistry of the Department of Agriculture publishes annual reports of the production of naval stores.

The Bureau of Labor Statistics of the Department of Labor publishes statistics of wholesale lumber prices monthly and annually.

The Timber Products and Pulp and Paper series of the Industry Reports, published by the Bureau of Foreign and Domestic Commerce in cooperation with other government agencies, carry forest products statistics which have been developed to meet current needs for information.

A number of forest products trade associations and trade journals collect and publish statistics of forest products, production, markets, shipments, inventories, etc.

The completeness and reliability of published statistics of forests and forest products vary considerably. The data for forest land area and stand are, of course, much more reliable for areas which have been surveyed than for those areas which have not been covered. Forest fire statistics for federal lands are considered much better than for private lands, though too much reliance should not be placed in any estimates of fire damage or causes of fires.

In the field of forest products, data for lumber production and other manufactured products such as veneer and plywood, pulp and paper, cooperage, naval stores, etc., are much more complete than for the primary forest products such as poles and piling, fuelwood, and fence posts. As explained in the headnotes to the following tables, however, the data for lumber production are subject to certain limitations because of incomplete coverage. Information for pulp and paper, and plywood, on the other hand, are believed to be practically complete. Statistics relating to average value of lumber sawed may be subject to some special limitations due to under representation of small mills.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series F 145–150") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 791.—Forest Land Area and Ownership of Commercial Forest Land, by States

[In thousands of acres. Status beginning of 1945]

Region and state	Total forest land	Commercial forest land [1]							
		All ownerships	Federally owned or managed			State, county, and municipal	Private		
			Total	National	Other		Total	Farm	Industrial and other
Total	623,828	461,044	88,957	73,512	15,445	27,114	344,973	139,058	205,915
North	211,753	170,321	11,311	9,523	1,788	19,414	139,596	61,010	78,586
New England	31,092	30,851	891	822	69	666	29,294	6,477	22,817
Connecticut	1,907	1,900				155	1,745	711	1,034
Maine	16,788	16,665	74	47	27	50	16,541	2,173	14,368
Massachusetts	3,310	3,297	24	1	23	271	3,002	906	2,096
New Hampshire	4,800	4,722	621	613	8	79	4,022	1,086	2,936
Rhode Island	452	447				27	420	107	313
Vermont	3,835	3,820	172	161	11	84	3,564	1,494	2,070
Middle Atlantic	44,214	41,586	1,476	1,265	211	3,613	36,497	11,854	24,643
Delaware	442	442	2		2	7	433	228	205
Maryland	2,742	2,722	44	3	41	149	2,529	1,198	1,331
New Jersey	2,348	2,329	53		53	96	2,180	424	1,756
New York	13,500	11,114	75		75	732	10,307	3,651	6,656
Pennsylvania	15,228	15,127	470	442	28	2,514	12,143	3,369	8,774
West Virginia	9,954	9,852	832	820	12	115	8,905	2,984	5,921
Lake	55,700	50,345	6,495	5,455	1,040	14,805	29,045	13,930	15,115
Michigan	19,000	17,380	2,155	2,035	120	4,115	11,110	3,260	7,850
Minnesota	19,700	16,700	2,670	2,170	500	7,100	6,930	4,330	2,600
Wisconsin	17,000	16,265	1,670	1,250	420	3,590	11,005	6,340	4,665
Central	44,919	44,213	2,117	1,951	166	326	41,770	25,789	15,981
Illinois	3,396	3,319	192	175	17	10	3,117	3,092	25
Indiana	3,445	3,358	104	79	25	76	3,178	3,139	39
Iowa	2,248	2,226	16	5	11	19	2,191	2,186	5
Kentucky	11,857	11,694	534	427	107	35	11,125	5,421	5,704
Missouri	19,142	18,837	1,199	1,193	6	78	17,560	8,839	8,721
Ohio	4,831	4,779	72	72		108	4,599	3,112	1,487
Plains	35,828	3,326	332	30	302	4	2,990	2,960	30
Kansas	1,121	1,011					1,011	1,011	
Nebraska	1,112	987	39	15	24		948	948	
North Dakota	621	470	55		55	1	414	414	
Oklahoma (West) [2]	6,326								
South Dakota (East) [3]	662	618	215	15	200	3	400	400	
Texas (West) [2]	25,986	240	23		23		217	187	30
South	186,804	183,266	14,078	10,138	3,940	2,160	167,028	69,060	97,968
South Atlantic	43,843	42,923	3,485	2,775	710	536	38,902	23,377	15,525
North Carolina	18,400	17,997	1,312	960	352	242	16,443	10,072	6,371
South Carolina	10,611	10,549	720	549	171	187	9,642	5,684	3,958
Virginia	14,832	14,377	1,453	1,266	187	107	12,817	7,621	5,196
Southeast	91,842	89,390	5,909	3,802	2,107	1,216	82,265	33,134	49,131
Alabama	18,878	18,800	886	613	273	121	17,793	7,259	10,534
Florida	23,478	21,765	1,713	1,009	704	326	19,726	3,996	15,730
Georgia	21,432	21,107	1,202	646	556	72	19,833	10,362	9,471
Mississippi	15,889	15,868	1,307	979	328	410	14,151	6,323	7,828
Tennessee	12,165	11,850	801	555	246	287	10,762	5,194	5,568
West Gulf	51,119	50,953	4,684	3,561	1,123	408	45,861	12,549	33,312
Arkansas	20,036	19,928	2,645	2,214	431	104	17,179	6,142	11,037
Louisiana	16,196	16,169	747	536	211	265	15,157	2,969	12,188
Oklahoma (East) [2]	4,320	4,308	619	163	456	23	3,666	812	2,854
Texas (East) [2]	10,567	10,548	673	648	25	16	9,859	2,626	7,233
West	225,271	107,457	63,568	53,851	9,717	5,540	38,349	8,988	29,361
Pacific Northwest	53,855	46,204	23,012	17,341	5,671	3,435	19,757	3,334	16,423
Oregon	29,755	26,330	15,251	11,530	3,721	1,101	9,978	1,537	8,441
Washington	24,100	19,874	7,761	5,811	1,950	2,334	9,779	1,797	7,982
California	45,515	16,405	8,099	7,684	415	23	8,283	1,309	6,974
North Rocky Mountain	53,246	29,066	20,012	18,061	1,951	1,702	7,352	2,847	4,505
Idaho	18,813	10,149	6,436	5,838	598	925	2,788	841	1,947
Montana	24,238	14,758	10,122	9,118	1,004	699	3,937	1,614	2,323
South Dakota (West) [3]	1,317	1,147	920	918	2	4	223	144	79
Wyoming	8,878	3,012	2,534	2,187	347	74	404	248	156
South Rocky Mountain	72,655	15,782	12,445	10,765	1,680	380	2,957	1,498	1,459
Arizona	19,538	2,815	2,744	2,058	686	30	41	36	5
Colorado	19,902	7,874	5,923	5,387	536	152	1,799	650	1,149
Nevada	4,720	98	24	24			74	13	61
New Mexico	20,001	3,465	2,405	2,020	385	149	911	693	218
Utah	8,494	1,530	1,349	1,276	73	49	132	106	26

[1] Includes land capable of producing timber of commercial quantity and quality, and available now or prospectively, for commercial use.

[2] Western and central portions of Oklahoma and Texas included in the Plains region; eastern portions included in the West Gulf region.

[3] Eastern and central portions of South Dakota included in the Plains; southwestern portion (Black Hills) included in the North Rocky Mountain region.

Source: Department of Agriculture, Forest Service; A Reappraisal of the Forest Situation.

No. 792.—Saw Timber and Growth on Commercial Forest Land, by States

[**In millions of board feet.** Status beginning of 1945. Includes volume on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use. Includes trees large enough for sawlogs regardless of actual use, in accordance with practice of region. Volumes on lumber-tally basis]

Region and state	Volume of saw timber						Saw-timber growth		
				On saw-timber areas		On other than saw-timber areas			
	Total	Soft-wood	Hard-wood	On virgin areas	On second-growth areas		Total	Soft-wood	Hard-wood
Total	1,600,972	1,296,377	304,595	840,340	660,719	99,913	35,301	21,848	13,453
North	220,429	65,836	154,593	21,642	159,386	39,401	8,355	2,000	6,355
New England	58,197	33,263	24,934	726	48,605	8,866	1,799	910	889
Connecticut	1,642	258	1,384	-------	1,111	531	107	14	93
Maine	36,787	24,279	12,508	525	31,912	4,350	760	491	269
Massachusetts	4,670	1,946	2,724	15	3,867	788	242	96	146
New Hampshire	7,610	3,424	4,186	88	5,739	1,783	389	174	215
Rhode Island	153	22	131	-------	69	84	9	1	8
Vermont	7,335	3,334	4,001	98	5,907	1,330	292	134	158
Middle Atlantic	62,045	14,017	48,028	1,197	47,459	13,389	2,712	597	2,115
Delaware	1,183	519	664	25	1,029	129	62	27	35
Maryland	4,030	1,779	2,251	37	3,053	940	202	105	97
New Jersey	2,188	783	1,405	25	1,362	801	103	37	66
New York	25,279	6,926	18,353	329	21,088	3,862	785	191	594
Pennsylvania	20,582	3,087	17,495	162	13,406	7,014	1,111	193	918
West Virginia	8,783	923	7,860	619	7,521	643	449	44	405
Lake	50,710	15,670	35,040	17,390	23,280	10,040	1,403	346	1,057
Michigan	24,140	7,400	16,740	13,550	7,500	3,090	519	96	423
Minnesota	11,590	4,940	6,650	2,020	5,560	4,010	420	176	244
Wisconsin	14,980	3,330	11,650	1,820	10,220	2,940	464	74	390
Central	43,747	2,418	41,329	1,249	36,616	5,882	2,248	128	2,120
Illinois	3,717	22	3,695	71	3,092	554	208	1	207
Indiana	6,175	6	6,169	-------	5,773	402	298	2	296
Iowa	5,344	43	5,301	-------	4,842	502	295	2	293
Kentucky	12,392	1,611	10,781	797	10,356	1,239	638	83	555
Missouri	6,984	663	6,321	381	3,849	2,754	388	37	351
Ohio	9,135	73	9,062	-------	8,704	431	421	3	418
Plains	5,730	468	5,262	1,080	3,426	1,224	193	19	174
Kansas	2,880	-------	2,880	600	1,800	480	82	-------	82
Nebraska	1,500	300	1,200	360	660	480	58	10	48
North Dakota	434	20	414	-------	344	90	16	1	15
Oklahoma (West)[1]	-------	-------	-------	-------	-------	-------	-------	-------	-------
South Dakota (East)[2]	720	96	624	120	480	120	26	4	22
Texas (West)[1]	196	52	144	-------	142	54	11	4	7
South	337,987	193,790	144,197	11,617	305,833	20,537	19,938	12,919	7,019
South Atlantic	97,141	59,326	37,815	-------	90,205	6,936	6,106	4,016	2,090
North Carolina	42,241	27,962	14,279	-------	40,109	2,132	2,589	1,835	754
South Carolina	29,580	19,362	10,218	-------	28,452	1,128	1,733	1,234	499
Virginia	25,320	12,002	13,318	-------	21,644	3,676	1,784	947	837
Southeast	135,887	76,992	58,895	4,674	121,473	9,740	8,224	5,284	2,940
Alabama	33,361	20,681	12,680	694	30,482	2,185	2,021	1,392	629
Florida	17,308	12,862	4,446	844	14,410	2,054	989	767	222
Georgia	40,543	28,941	11,602	2,005	36,121	2,417	2,501	1,995	506
Mississippi	30,453	11,592	18,861	1,131	27,206	2,116	1,866	904	962
Tennessee	14,222	2,916	11,306	-------	13,254	968	847	226	621
West Gulf	104,959	57,472	47,487	6,943	94,155	3,861	5,608	3,619	1,989
Arkansas	37,528	22,315	15,213	2,080	33,940	1,508	1,929	1,186	743
Louisiana	36,895	13,930	22,965	2,492	33,184	1,219	1,893	970	923
Oklahoma (East)[1]	3,048	2,044	1,004	234	2,497	317	137	95	42
Texas (East)[1]	27,488	19,183	8,305	2,137	24,534	817	1,649	1,368	281
West	1,042,556	1,036,751	5,805	807,081	195,500	39,975	7,008	6,929	79
Pacific Northwest	630,894	626,941	3,953	513,149	111,706	6,039	4,224	4,152	72
Oregon	381,389	378,577	2,812	307,288	71,913	2,188	2,483	2,432	51
Washington	249,505	248,364	1,141	205,861	39,793	3,851	1,741	1,720	21
California	227,565	227,565	-------	180,082	32,624	14,859	1,160	1,160	-------
North Rocky Mountain	127,229	126,293	936	69,810	43,212	14,207	1,306	1,302	4
Idaho	60,796	60,764	32	27,078	28,076	5,642	826	826	[3]
Montana	52,515	52,112	403	32,020	12,531	7,964	418	414	4
South Dakota (West)[2]	2,866	2,866	-------	1,249	1,333	284	22	22	[3]
Wyoming	11,052	10,551	501	9,463	1,272	317	40	40	[3]
South Rocky Mountain	56,868	55,952	916	44,040	7,958	4,870	318	315	3
Arizona	16,270	16,270	-------	14,265	1,787	218	94	94	-------
Colorado	27,658	26,742	916	18,727	4,860	4,071	145	142	3
Nevada	367	367	-------	287	35	45	1	1	-------
New Mexico	8,471	8,471	-------	7,134	871	466	58	58	-------
Utah	4,102	4,102	-------	3,627	405	70	20	20	-------

[1] Volume in western and central portions of Oklahoma and Texas included in the Plains region; that in eastern portions included in the West Gulf region.

[2] Volume in eastern and central portions of South Dakota included in the Plains; that in southwestern portion (Black Hills) included in North Rocky Mountain region.

[3] Less than 500,000 board feet.

Source: Department of Agriculture, Forest Service; A Reappraisal of the Forest Situation.

No. 793.—Saw Timber—Volume, by Species and Region

[In millions of board feet. Status beginning of 1945. For States represented in regions shown, see table 792]

KIND OF WOOD	Total North and South	New England	Middle Atlantic	Lake	Central	Plains	South Atlantic	South-east	West Gulf
Eastern softwoods, total	259,626	33,263	14,017	15,670	2,418	468	59,326	76,992	57,472
Southern yellow pine	188,327	142	4,035	-------	1,727	51	54,954	70,927	56,491
Spruce and fir [1]	27,007	20,649	2,718	3,600	-------	-------	40	-------	-------
White and Norway pine	15,383	7,330	3,050	3,690	161	-------	817	335	-------
Hemlock	14,921	3,764	3,996	5,950	343	-------	726	142	-------
Cypress	6,236	-------	-------	-------	126	1	2,277	3,284	548
Other	7,752	1,378	218	2,430	61	[2] 416	512	2,304	433
Eastern hardwoods, total	[3] 298,790	24,934	[3] 48,028	35,040	[3] 41,329	5,262	[3] 37,815	[3] 58,895	47,487
Oak	101,381	2,265	19,012	5,090	20,370	702	12,815	21,017	20,110
Beech, birch, and maple	67,887	20,740	19,310	17,090	7,207	-------	2,330	1,210	-------
Sweet gum	26,476	-------	-------	-------	616	36	6,667	10,516	8,641
Tupelo and black gum	18,957	-------	-------	-------	348	3	6,250	7,309	5,047
Cottonwood and aspen	15,662	1,385	1,154	6,380	2,472	2,414	116	907	834
Yellow poplar	12,347	56	1,710	-------	2,169	-------	4,512	3,900	-------
Other	56,080	488	6,842	6,480	8,147	2,107	5,125	14,036	12,855

KIND OF WOOD	Total West	PACIFIC NORTHWEST			California	North Rocky Mountain	South Rocky Mountain
		Total	Douglas-fir subregion	Pine subregion			
Western species, total	1,042,556	630,894	504,931	125,963	227,565	127,229	56,868
Douglas fir	430,028	331,227	310,523	20,704	[4] 68,613	26,718	3,470
Ponderosa pine	[5] 185,025	80,198	4,850	75,348	[6] 51,191	26,771	26,865
True firs	113,541	57,854	46,464	11,390	[7] 43,012	9,360	3,315
Western hemlock	97,207	95,855	94,469	1,386	-------	1,352	-------
Sugar pine and western white pine	40,224	8,089	6,171	1,918	19,505	12,630	-------
Redwood	38,114	-------	-------	-------	[8] 38,114	-------	-------
Spruce	35,880	8,020	8,020	-------	-------	12,499	15,361
Larch	26,606	8,727	145	8,582	-------	17,879	-------
Lodgepole pine	22,060	1,171	37	1,134	-------	14,406	6,483
Other softwoods	48,066	35,800	30,386	5,414	7,130	4,678	458
Hardwoods	5,805	3,953	3,866	87	-------	936	916

[1] Balsam fir.
[2] Ponderosa pine.
[3] Excludes dead chestnut of sawlog size still standing and usable.
[4] May include some white fir, Sitka spruce, western hemlock, Port Oxford cedar and western red cedar commonly lumped with Douglas-fir in redwood cruising.
[5] Excludes 416 million board feet in Plains region.
[6] Includes Jeffery pine.
[7] Includes western white pine, mountain hemlock, and lodgepole pine recorded in cruises of fir areas.
[8] Redwood exclusive of volume of 1,000 bigtree on cruises in west-side Sierra subregion.

Source: Department of Agriculture, Forest Service; A Reappraisal of the Forest Situation.

No. 794.—Annual Drain From Commercial Forest Lands by Cutting for Commodities and by Destructive Agencies

[Includes drain in volume from land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use]

ITEM	ALL TIMBER DRAIN (MILLIONS OF CU. FT.)			SAW-TIMBER DRAIN (MILLIONS OF BD. FT.)		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
Aggregate	13,661	8,151	5,510	53,893	38,530	15,363
Timber cut for commodities (1944)	12,182	7,348	4,834	49,658	35,591	14,067
Lumber	6,711	4,778	1,933	34,391	26,130	8,261
Fuelwood	2,203	719	1,484	3,863	1,957	1,906
Pulpwood	1,306	1,163	143	4,757	4,500	257
Hewed ties	363	153	210	1,643	777	866
Fence posts	220	59	161	226	82	144
Veneer logs	392	165	227	1,971	942	1,029
Mine timbers	225	40	185	320	70	250
Cooperage	174	40	134	744	195	549
Shingles	72	72	-------	334	334	-------
Other	516	159	357	1,409	604	805
Timber removed by destructive agencies (average 1934–45)	1,479	803	676	4,235	2,939	1,296
Fire	460	247	213	859	547	312
Insects, disease, wind, etc	1,019	556	463	3,376	2,392	984

Source: Department of Agriculture, Forest Service; A Reappraisal of the Forest Situation.

No. 795.—Forest Fires—Number, and Area Burned Over on Federal, State, and Private Forest Lands: 1931 to 1948

[**Area in thousands of acres.** See also *Historical Statistics*, series F 145–150]

CALENDAR YEAR	FEDERAL LANDS, PROTECTED AREA [1]			STATE AND PRIVATE FORESTS [2]					
				On protected area			On unprotected area		
	Forest area [3]	Number of fires	Area burned over	Forest area [3]	Number of fires	Area burned over	Forest area [3]	Number of fires	Area burned over
1931	134,610	5,715	551	266,173	56,459	5,856	216,541	125,040	45,200
1932	138,525	4,933	419	266,723	55,567	3,234	220,617	105,899	38,410
1933	176,696	4,517	380	266,259	48,770	3,343	218,664	87,435	40,167
1934	182,167	8,064	658	282,979	61,254	3,515	209,558	93,345	37,648
1935	180,443	7,962	228	288,751	54,592	2,311	204,379	77,743	27,796
1936	187,122	11,144	425	298,365	73,709	3,792	195,650	141,432	38,990
1937	182,872	9,468	90	301,911	54,292	1,254	182,763	121,449	20,637
1938	191,860	9,873	316	308,458	76,326	2,623	158,884	146,030	30,876
1939	157,691	12,356	522	278,919	85,677	3,266	148,812	114,638	26,660
1940	153,723	14,076	482	281,706	73,527	2,934	146,749	107,824	22,432
1941	153,559	10,002	437	282,074	80,994	3,138	143,743	108,706	22,830
1942	153,561	9,941	576	290,928	75,849	3,863	136,687	122,428	27,415
1943	183,052	9,892	702	299,331	78,815	3,860	131,275	121,619	27,772
1944	212,344	8,985	375	301,228	56,148	2,301	129,919	66,096	13,873
1945	213,210	8,539	445	302,942	48,176	2,456	126,959	68,013	14,780
1946	213,597	9,670	321	318,505	66,103	2,253	120,489	93,505	18,117
1947	215,361	8,928	318	327,968	71,442	2,814	111,026	120,429	20,093
1948	217,724	6,681	312	339,463	61,095	1,961	99,531	106,413	14,283

[1] In continental U. S.; includes National Forests, Interior, Soil Conservation Service, TVA, Public Domain, etc.

[2] In continental U. S. and Hawaii. Data reported to Forest Service by its field offices, cooperating agencies, other Government bureaus, and similar sources. Statistics on unprotected areas based on State estimates only.

[3] Prior to 1939 forest area included total area needing protection. Beginning with 1939, this area included only forest area needing protection, which accounts for reduction in areas between 1938 and 1939.

Source: Department of Agriculture, Forest Service; annual report, Forest Fire Statistics, and records.

No. 796.—Forest Fire Control—Prevention and Suppression Expenditures on State and Private Forest Lands, by States and for Hawaii: Fiscal Year 1949

[**In thousands of dollars.** See also *Historical Statistics*, series F 151–154, for annual totals]

STATE OR OTHER AREA	Total expenditures	Federal	State and county	Private agencies	STATE OR OTHER AREA	Total expenditures	Federal	State and county	Private agencies
Total	27,874	8,570	17,200	2,104	Montana	207	82	21	104
					Nevada	28	10	18	-------
Alabama	977	351	548	78	New Hampshire	212	63	101	48
Arkansas	805	250	473	82	New Jersey	364	105	259	-------
California	6,123	1,373	4,750	-------	New Mexico	26	11	5	10
Colorado	67	21	23	23	New York	881	215	666	-------
Connecticut	133	47	85	1	North Carolina	731	261	450	20
Delaware	16	5	11	-------	Ohio	178	61	117	-------
Florida	1,261	501	346	414	Oklahoma	110	53	37	20
Georgia	680	227	433	20	Oregon	2,044	761	653	630
Idaho	378	135	60	183	Pennsylvania	697	214	483	-------
Illinois	54	20	34	-------	Rhode Island	73	29	44	-------
					South Carolina	840	344	496	-------
Indiana	141	62	79	-------					
Iowa	22	10	12	-------	South Dakota	25	7	18	-------
Kentucky	217	88	129	-------	Tennessee	255	111	136	8
Louisiana	861	210	643	8	Texas	498	162	193	143
Maine	633	138	495	-------	Utah	57	22	35	-------
Maryland	318	107	211	-------	Vermont	81	20	57	4
Massachusetts	277	96	181	-------	Virginia	567	170	395	2
Michigan	1,478	464	1,014	-------	Washington	1,835	606	932	297
Minnesota	997	289	708	-------	West Virginia	430	176	245	9
Mississippi	759	228	531	-------	Wisconsin	955	260	695	-------
Missouri	574	202	372	-------	Hawaii	9	3	6	-------

Source: Department of Agriculture, Forest Service; records.

No. 797.—National Forest and Other Areas, by States and for Alaska and Puerto Rico: June 30, 1949

[**Areas in acres;** comprises national forests, purchase units, experimental areas, land utilization and other areas placed under Administration of Forest Service, but not given a national-forest status. See also *Historical Statistics*, series F 69–70, for gross area and area under Forest Service]

STATE OR OTHER AREA	Gross area	Not under Forest Service Administration	Under Forest Service Administration	STATE OR OTHER AREA	Gross area	Not under Forest Service Administration	Under Forest Service Administration
Total	**229,174,789**	**48,280,055**	**180,894,734**	Nebraska	207,209	1,181	206,028
				Nevada	5,307,534	254,485	5,053,049
Alabama	2,435,748	1,815,147	620,601	New Hampshire	806,324	136,315	670,009
Arizona	12,159,022	672,804	11,486,218	New Mexico	10,268,877	1,294,700	8,974,177
Arkansas	3,589,549	1,237,352	2,352,197	North Carolina	3,593,436	2,495,563	1,097,873
California	25,059,975	5,203,718	19,856,257	North Dakota	764,425	763,905	520
Colorado	15,228,282	1,521,991	13,706,291	Ohio	1,466,029	1,370,545	95,484
Florida	1,241,956	167,545	1,074,411	Oklahoma	344,269	166,722	177,547
Georgia	1,732,322	1,072,305	660,017	Oregon	17,354,867	2,575,839	14,779,028
Idaho	21,572,354	1,290,836	20,281,518	Pennsylvania	746,706	275,057	471,649
Illinois	812,654	593,087	219,567	South Carolina	1,422,934	837,666	585,268
Indiana	784,647	678,285	106,362	South Dakota	1,403,197	288,212	1,114,985
Iowa	218,671	213,922	4,749	Tennessee	1,531,797	958,538	573,259
Kentucky	1,393,534	936,311	457,223	Texas	1,714,374	1,056,240	658,134
Louisiana	1,274,977	715,149	559,828	Utah	8,986,214	1,116,029	7,870,185
Maine	878,032	828,904	49,128	Vermont	580,520	370,941	209,579
Maryland	4,318	3,208	1,110	Virginia	4,123,669	2,681,149	1,442,520
Massachusetts	1,651		1,651	Washington	10,751,614	1,071,161	9,680,453
Michigan	5,189,076	2,751,422	2,437,654	West Virginia	1,836,144	932,814	903,330
Minnesota	5,041,774	2,403,421	2,638,353	Wisconsin	2,019,698	570,262	1,449,436
Mississippi	2,777,325	1,731,664	1,045,661	Wyoming	9,013,328	447,757	8,565,571
Missouri	3,459,999	2,114,044	1,345,955	Alaska	20,882,679	35,134	20,847,545
Montana	19,006,897	2,475,532	16,531,365	Puerto Rico	186,182	153,193	32,989

Source: Department of Agriculture, Forest Service; annual report, National Forest Areas.

No. 798.—National Forest Land Purchases, by States and for Puerto Rico, to June 30, 1949

[Under Act of Mar. 1, 1911, as amended by Act of June 7, 1924, and other related acts]

STATE OR OTHER AREA	Gross area (acres)	TOTAL NET AREA APPROVED FOR PURCHASE			NET AREA PURCHASED			Remaining acquirable area (acres)
		Acres	Average price per acre	Total price (1,000)	Acres	Average price per acre	Total price (1,000)	
Total	**57,631,254**	**18,725,627**	**$3.83**	**$71,792**	**18,614,803**	**$3.81**	**$71,002**	**23,791,165**
Alabama	2,435,087	504,221	3.67	1,851	504,123	3.67	1,851	1,460,968
Arkansas	3,587,746	1,186,308	2.89	3,431	1,176,740	2.86	3,368	868,980
California	2,139,577	136,300	8.46	1,150	135,660	8.43	1,147	715,003
Florida	1,241,956	782,574	3.14	2,457	778,304	3.11	2,421	154,266
Georgia	1,727,585	598,980	4.92	2,950	596,540	4.92	2,934	852,587
Idaho	726,970	36,710	3.44	126	33,277	3.37	112	210,790
Illinois	801,944	195,080	6.40	1,248	191,852	6.31	1,210	404,054
Indiana	781,467	102,277	7.14	730	96,329	6.99	673	398,296
Iowa	218,671	4,748	9.11	43	4,748	9.11	43	184,562
Kentucky	1,393,521	456,795	4.05	1,851	433,271	3.80	1,646	654,880
Louisiana	1,274,977	550,719	2.98	1,643	538,431	2.87	1,545	634,870
Maine	878,032	49,117	6.62	325	49,117	6.62	325	637,070
Michigan	5,143,003	1,890,122	3.06	5,785	1,888,700	3.06	5,772	2,153,490
Minnesota	5,041,314	1,546,126	2.46	3,809	1,539,911	2.46	3,783	2,098,753
Mississippi	2,685,492	1,003,050	3.53	3,537	1,003,050	3.53	3,537	1,529,074
Missouri	3,459,999	1,320,449	2.31	3,048	1,313,884	2.30	3,025	1,686,612
Nevada	8,895	8,895	14.50	129	8,895	14.50	129	----------
New Hampshire	806,323	669,946	7.77	5,205	669,192	7.77	5,197	111,668
New Mexico	92,514	20,715	1.92	40	20,715	1.92	40	10,200
North Carolina	3,605,123	1,031,015	5.15	5,309	1,020,642	5.16	5,264	1,733,131
North Dakota	764,425	480	10.00	5	480	10.00	5	499,480
Ohio	1,466,029	94,405	7.06	667	89,120	6.84	610	1,138,196
Oklahoma	344,269	177,267	1.78	316	176,040	1.76	309	159,511
Oregon	69,704	52,467	17.03	894	52,467	17.03	894	7,297
Pennsylvania	726,315	469,555	6.26	2,942	468,703	6.27	2,937	142,972
South Carolina	1,422,930	562,330	6.20	3,489	561,558	6.20	3,482	770,545
Tennessee	1,531,695	560,960	4.46	2,505	559,572	4.46	2,493	610,095
Texas	1,714,364	652,992	4.62	3,017	652,992	4.62	3,017	809,300
Utah	2,945,520	120,314	2.96	356	117,664	2.93	344	177,451
Vermont	580,520	209,457	9.33	1,954	209,396	9.33	1,954	276,889
Virginia	3,969,156	1,447,302	3.27	4,739	1,441,400	3.26	4,706	1,635,649
West Virginia	1,836,138	903,324	3.41	3,076	903,324	3.41	3,076	625,205
Wisconsin	2,023,838	1,366,620	2.17	2,970	1,364,898	2.17	2,963	353,765
Puerto Rico	186,155	14,007	13.92	195	13,808	13.76	190	85,556

Source: National Forest Reservation Commission, Annual Report.

No. 799.—Number of Visits to National Forests for Utilization of Recreation Resources: 1940 to 1948

[**In thousands.** Data for calendar years. See also *Historical Statistics*, series F 80-83]

TYPE	1940	1941	1942	1943	1944	1945	1946	1947	1948
Visits for utilization of recreation resources, total	**16,163**	**18,005**	**10,407**	**6,275**	**7,152**	**10,074**	**18,241**	**21,331**	**24,011**
Utilization of improved public recreation areas, total	13,053	10,688	6,066	3,412	3,586	5,072	8,763	10,506	12,391
Camp grounds	3,583	3,350	1,771	1,095	1,247	1,815	3,055	3,518	3,424
Picnic areas	7,932	5,819	3,301	2,050	2,051	2,730	4,459	5,262	6,682
Winter sports area	1,538	1,519	994	267	288	527	1,249	1,726	2,285
Organization camps	--------	244	160	115	177	276	385	323	325
Hotels or resorts	2,258	1,918	1,136	680	715	1,271	2,286	2,110	1,929
Recreation residences	852	601	379	245	370	506	714	536	572
Wilderness areas	--------	87	56	43	50	75	145	194	213
Other forest areas	--------	4,467	2,610	1,780	2,254	2,874	5,948	7,662	8,580
Visits for utilization of highways, roads, and water routes	125,124	--------	--------	--------	10,967	14,530	36,969	56,495	53,148

Source: Department of Agriculture, Forest Service; records.

No. 800.—National Forests—Net Cash Receipts: 1905 to 1949

[**In thousands of dollars.** See also *Historical Statistics*, series F 99-102]

FISCAL YEAR	Total receipts	From use of timber [1]	From use of forage	From special land use, water power, etc.	FISCAL YEAR	Total receipts	From use of timber [1]	From use of forage	From special land use, water power, etc.
1905	73	73	----------	(2)	1928	5,442	3,325	1,714	403
1906	758	237	513	7	1929	6,300	4,109	1,740	451
1907	1,530	654	857	19	1930	6,752	4,390	1,943	419
1908	1,788	811	947	30	1931	4,993	2,608	1,961	425
1909	1,766	702	1,023	42	1932	2,294	1,049	830	415
1910	2,041	1,011	970	60	1933	2,626	783	1,498	345
1911	1,969	952	928	89	1934	3,315	1,522	1,359	434
1912	2,109	1,028	961	120	1935	3,289	1,729	1,151	408
1913	2,392	1,271	999	122	1936	4,063	2,203	1,441	418
1914	2,438	1,311	1,002	124	1937	4,936	2,924	1,580	431
1915	2,481	1,183	1,130	168	1938	4,671	2,518	1,696	457
1916	2,824	1,422	1,210	192	1939	4,903	2,857	1,574	472
1917	3,457	1,640	1,550	267	1940	5,859	3,943	1,463	453
1918	3,575	1,630	1,726	219	1941	6,682	4,789	1,429	464
1919	4,358	1,535	2,609	214	1942	7,165	5,094	1,595	476
1920	4,793	2,045	2,486	263	1943	10,056	7,610	1,973	473
1921	4,152	1,770	2,132	250	1944	15,617	12,623	2,459	535
1922	3,422	1,813	1,316	292	1945	16,048	11,587	2,159	2,302
1923	5,336	2,722	2,341	272	1946	13,875	10,554	2,060	1,261
1924	5,252	3,036	1,916	300	1947	18,373	15,421	2,294	658
1925	5,000	2,940	1,725	334	1948	24,236	20,594	2,898	744
1926	5,156	3,367	1,422	367	1949	31,076	26,927	3,276	873
1927	5,167	3,253	1,531	382					

[1] Commercial and cost sales. [2] Less than $500.

Source: Department of Agriculture, Forest Service; annual report, Agricultural Statistics.

No. 801.—Payments to States, Alaska, and Puerto Rico from Receipts of National Forests: 1947 to 1950

[**In thousands of dollars.** For years ending June 30. Payments are 25 percent of net receipts of preceding fiscal year from sales of timber, grazing fees, and miscellaneous uses of national forests (exclusive of school-fund payments to Arizona and New Mexico, and payments for acquisition of land), under Act of May 23, 1908]

STATE OR OTHER AREA	1947	1948	1949	1950	STATE OR OTHER AREA	1947	1948	1949	1950
Total	**3,424**	**4,547**	**5,983**	**7,719**	Nevada	23	25	34	35
					New Hampshire	28	19	25	23
Alabama	29	34	66	90	New Mexico	76	108	112	124
Arizona	157	196	229	244	North Carolina	47	53	61	85
Arkansas	145	160	278	375	North Dakota	(1)	(1)	(1)	(1)
California	414	474	561	1,133					
Colorado	147	183	215	218	Ohio	7	2	3	3
					Oklahoma	12	11	26	40
Florida	46	52	60	66	Oregon	559	939	1,670	2,045
Georgia	34	56	63	81	Pennsylvania	24	26	21	14
Idaho	210	304	328	418	South Carolina	43	66	88	100
Illinois	9	9	12	17					
Indiana	1	1	1	2	South Dakota	47	72	71	57
					Tennessee	34	31	20	40
Iowa	(1)	(1)	(1)	(1)	Texas	110	103	103	263
Kentucky	27	23	30	25	Utah	63	92	102	112
Louisiana	39	43	78	101	Vermont	15	26	30	26
Maine	2	1	7	6					
Michigan	56	62	93	65	Virginia	30	35	41	38
					Washington	398	738	835	1,108
Minnesota	60	78	77	68	West Virginia	23	28	25	29
Mississippi	230	103	202	197	Wisconsin	28	33	53	66
Missouri	15	15	14	25	Wyoming	74	101	117	109
Montana	135	196	207	251					
Nebraska	5	6	10	12	Alaska	14	37	11	5
					Puerto Rico	6	4	4	3

[1] Less than $500.

Source: Department of Agriculture, Forest Service; annual report, Agricultural Statistics.

No. 802.—Timber Cut on the National Forests—Volume and Value: 1930 to 1949

[**Volume in thousands of board feet; values in thousands of dollars.** See also *Historical Statistics*, series F 88–98]

Fiscal year	Total forest products, value	Timber cut				Miscellaneous forest products, value [2]
		Commercial and cost sales, land exchanges		Free use		
		Volume	Value	Volume	Value [1]	
1930	4,930	1,653,265	4,790	116,096	[3] 117	23
1931	3,527	1,222,361	3,348	167,680	[3] 162	17
1932	1,767	611,751	1,519	270,244	[3] 227	21
1933	1,333	473,922	1,077	265,812	237	19
1934	1,845	674,542	1,609	248,243	210	26
1935	2,260	752,368	1,938	316,769	281	41
1936	2,892	1,021,156	2,590	293,126	272	30
1937	3,505	1,290,623	3,189	317,696	277	39
1938	3,539	1,287,917	3,209	301,375	279	52
1939	3,687	1,290,561	3,375	267,785	260	52
1940	5,168	1,740,271	4,807	325,595	304	57
1941	6,084	2,067,279	5,762	284,228	260	62
1942	6,429	2,204,749	6,109	219,358	241	79
1943	8,907	2,359,473	8,672	169,057	175	60
1944	14,518	3,333,167	14,155	180,654	213	150
1945	13,291	3,144,789	13,016	154,167	171	104
1946	11,811	2,729,708	11,490	138,362	170	150
1947	16,780	3,834,588	16,400	127,555	197	183
1948	21,389	3,758,885	21,054	116,430	189	146
1949	29,163	3,740,810	28,749	113,518	190	224

[1] Includes "Free use" not reducible to board feet.
[2] Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc.
[3] Calendar year data.

Source: Department of Agriculture, Forest Service; annual report, Agricultural Statistics, and records.

No. 803.—Forest Trees Planted on Farm Lands, with Costs, by States, Year Ending June 30, 1949

State or other area	Forest trees planted on farm lands during year (thousands)	Expenditures ($1,000)		State or other area	Forest trees planted on farm lands during year (thousands)	Expenditures ($1,000)	
		Total	Federal contribution [1]			Total	Federal contribution [1]
Total	**102,903.4**	**1,406.3**	**113.7**	Nevada	23.4		
Alabama	7,758.9	23.9	2.8	New Hampshire	434.8	11.5	2.7
Arkansas	6,004.2	26.7	2.8	New Jersey	733.2	20.2	2.8
Colorado	255.5	11.5	2.6	New York	12,319.6	165.9	4.1
Connecticut	117.8	2.5	.5	North Carolina	3,149.9	17.4	2.8
Delaware	27.0	2.0	.9	North Dakota	665.5	13.0	2.8
Florida	10,779.0	37.6	2.8	Ohio	1,348.8	61.9	2.9
Georgia	9,489.4	88.9	2.8	Oklahoma	478.0	26.7	2.8
Idaho	239.9	10.5	2.7	Oregon	615.6	18.6	2.7
Illinois	3,048.0	64.5	2.8	Pennsylvania	3,263.0	182.0	3.7
Indiana	2,056.3	82.0	2.9	South Carolina	10,627.4	50.1	2.8
Iowa	168.1	18.7	2.8	South Dakota	568.7	20.5	2.3
Kentucky	401.1	10.4	2.7	Tennessee	808.9	15.9	2.8
Louisiana	3,779.3	27.8	2.8	Texas	6,362.7	19.0	2.8
Maine	194.5	3.8	1.5	Utah	90.1	5.5	2.6
Maryland	203.6	4.2	1.9	Vermont	121.6	19.1	2.7
Massachusetts	433.1	25.2	2.8	Virginia	950.5	20.4	2.8
Michigan	2,008.0	34.8	2.8	Washington	117.6	19.4	2.7
Mississippi	3 466.0	45.5	2.8	West Virginia	109.3	18.6	2.7
Missouri	772.2	24.5	2.8	Wisconsin	3,879.5	68.4	2.9
Montana	329.5	22.3	2.7	Wyoming	228.1	5.8	1.0
Nebraska	1,569.2	38.4	3.7	Hawaii	78.9	6.9	2.6
				Puerto Rico	2,827.9	13.6	2.7

[1] Provided by Clarke-McNary law, Act of June 7, 1924, and Norris-Doxey law, Act of May 18, 1937.

Source: Department of Agriculture, Forest Service.

No. 804.—Forest Trees Planted on Farm Lands, With Costs: 1932 to 1949

[See also *Historical Statistics*, series F 84-87]

YEAR	Forest trees planted on farm lands during calendar year (1,000)	EXPENDITURES, YEAR ENDING JUNE 30 ($1,000)		YEAR	Forest trees planted on farm lands during calendar year (1,000)	EXPENDITURES, YEAR ENDING JUNE 30 ($1,000)	
		Total	Federal contribution [1]			Total	Federal contribution [1]
1932	23,500	298	94	1941	97,650	526	113
1933	21,970	273	77	1942	74,219	527	115
1934	20,208	199	53	1943	39,148	448	11_5
1935	26,150	206	55	1944	37,980	463	11_9
1936	35,648	251	55	1945	37,743	572	11_4
1937	41,698	321	70	1946	43,588	637	11_3
1938	55,360	365	71	1947	42,347	886	11_7
1939	64,213	398	97	1948	77,324	1,178	11_3
1940	87,468	524	140	1949	[2] 102,903	1,406	11_3

[1] Provided by Clarke-McNary law, act of June 7, 1924, and the Norris-Doxey law, act of May 18, 1937.
[2] Fiscal year.

No. 805.—Livestock Under Pay Permit on National Forests and Receipts From Grazing: 1931 to 1948

[Livestock for calendar year; receipts for fiscal year ending June 30. See also *Historical Statistics*, series F 74-75]

YEAR	Cattle and horses [1]	Hogs [1]	Sheep and goats [1]	Receipts from grazing	YEAR	Cattle and horses [1]	Hogs [1]	Sheep and goats [1]	Receipts from grazing
	Number	*Number*	*Number*	*$1,000*		*Number*	*Number*	*Number*	*$1,000*
1931	1,375,708	431	6,608,228	1,961	1940	1,176,991	184	4,949,196	1,463
1932	1,396,265	528	6,320,938	830	1941	1,175,749	108	4,787,369	1,429
1933	1,398,335	533	6,161,966	1,498	1942	1,191,218		4,758,038	1,595
1934	1,418,936	314	6,161,368	1,359	1943	1,211,568	572	4,538,660	1,973
1935	1,344,318	292	5,691,086	1,151	1944	1,225,254	256	4,280,370	2,459
1936	1,310,808	159	5,645,050	1,441	1945	1,206,227	105	3,888,839	2,159
1937	1,283,924	241	5,484,954	1,580	1946	1,203,201	139	3,712,981	2,060
1938	1,250,075	126	5,307,300	1,696	1947	1,161,905	109	3,402,677	2,294
1939	1,208,868	220	5,131,607	1,574	1948	1,153,246	142	3,321,993	3,276

[1] Excludes animals under 6 months of age.

No. 806.—Livestock Under Pay Permit on National Forests and Receipts From Grazing, by States: 1948

[See headnote, table 805. No livestock grazed or money received from Alaska or Puerto Rico]

STATE OR OTHER AREA	Livestock under pay permit		Receipts from grazing [2]	STATE OR OTHER AREA	Livestock under pay permit		Receipts from grazing [2]
	Cattle and horses [1]	Sheep and goats [1]			Cattle and horses [1]	Sheep and goats [1]	
	Number	*Number*	*$1,000*		*Number*	*Number*	*$1,000*
Total	**1,153,246**	**3,321,993**	**3,276**	Nevada	58,879	140,712	134
				New Mexico	78,144	109,235	213
Alabama	20			North Carolina	135		[3]
Arizona	134,191	89,209	408	North Dakota			[3]
Arkansas	2,532		1	Ohio	177		
California	116,270	147,148	282	Oklahoma	30		[3]
Colorado	173,625	655,703	532	Oregon	71,858	175,425	[3]
Florida	1,134		1	Pennsylvania	26		205
Idaho	112,089	671,355	366	South Carolina	570		[3]
Illinois	783	2,000		South Dakota	26,573	16,766	49
Indiana	128			Tennessee	145		[3]
Iowa	282		[3]	Texas	1,374		1
Louisiana	745			Utah	110,507	525,172	357
Michigan	2,230	281	1	Vermont	74		[3]
Minnesota	740	70	[3]	Virginia	318	98	[3]
Mississippi	1,122		[3]	Washington	19,556	49,244	55
Missouri	3,563	22	5	West Virginia	1,455	1,671	4
Montana	115,268	272,318	329	Wisconsin	580	32	[3]
Nebraska	12,626		48	Wyoming	105,497	465,532	282

[1] Excludes animals under 6 months of age. [2] Includes grazing trespass. [3] Less than $500.

Source of tables 804, 805, and 806: Department of Agriculture, Forest Service.

No. 807.—Lumber—Production, by Kind of Wood, and Average Mill Value

[Data not strictly comparable because of incomplete coverage of numerous small mills in the East prior to 1942 and exclusion of mills cutting less than 50 M ft. b. m. for all years prior to 1942 except 1869–1909, and 1919. Exclusion of under 50 M class of mills would affect totals less than 1 percent as reflected by 1942 survey. Data for 1943–46 include estimates based on sample surveys. Small production quantities are subject to large sampling errors]

[Quantities in millions of board feet; average mill value per 1,000 board feet]

Year	Production			Average mill value	Year	Production			Average mill value
	Total	Hardwood	Softwood			Total	Hardwood	Softwood	
1869	12,756	.....	.....	[1]	1934	15,494	2,758	12,735	$21.47
1879	18,091	.....	.....	[1]	1935	19,539	3,291	16,248	20.43
1889	23,842	.....	.....	$11.41	1936	24,355	4,113	20,242	22.20
1899	[2] 35,078	8,634	26,146	11.13	1937	25,997	4,408	21,589	24.25
1909	44,510	10,613	33,897	15.38	1938	21,646	3,353	18,293	21.45
1919	34,552	7,145	27,407	30.21	1939 [3]	25,148	3,740	21,408	21.97
1921	26,961	4,775	22,186	23.47	1940	28,934	4,031	24,903	23.32
1923	37,166	6,262	30,904	31.78	1941	33,476	5,499	27,977	28.09
1925	38,339	6,628	31,710	28.02	1942	36,332	6,822	29,510	31.50
1927	34,532	6,090	28,442	25.80	1943	34,289	7,371	26,917	36.86
1929	36,886	7,073	29,813	26.94	1944	32,938	7,778	25,160	[1]
1930	26,051	4,729	21,323	22.81	1945	28,122	6,982	21,140	[1]
1931	16,523	2,671	13,852	18.56	1946	34,112	8,256	25,857	[1]
1932	10,151	1,406	8,746	15.12	1947	35,404	7,467	27,937	[1]
1933	13,961	2,062	11,899	18.55					

Kind of wood	Production									
	1899	1909	1919	1929	1939 [3]	1943	1944	1945	1946	1947
Softwood, total	**26,146**	**33,897**	**27,407**	**29,813**	**21,408**	**26,917**	[4] 25,160	[4] 21,140	**25,857**	**27,937**
Balsam fir	.....	109	68	38	20	7	[1]	[1]	12	27
Cedar	233	346	332	309	264	268	[1]	303	326	366
Cypress	496	956	656	532	422	254	191	228	238	240
Douglas fir	1,737	4,856	5,902	8,689	6,494	7,951	7,864	6,237	7,640	9,042
Hemlock	3,421	3,051	1,755	2,099	676	1,213	[1]	1,039	1,216	1,244
Larch	51	421	388	245	111	229	[1]	[1]	269	292
Lodgepole pine	.....	24	16	31	55	68	72	65	86	100
Ponderosa pine	945	1,500	1,755	3,288	3,360	3,872	3,768	3,056	3,630	3,839
Redwood	360	522	410	486	345	461	462	444	243	529
Spruce	1,442	1,749	980	564	347	557	[1]	358	[5] 369	392
Sugar pine	54	97	134	349	309	278	318	228	344	343
White fir	.....	89	223	307	98	403	492	499	684	673
White pine	7,742	3,900	1,724	1,248	1,158	1,396	[1]	1,269	1,418	1,370
Yellow pine	9,659	16,277	13,063	11,630	7,749	9,962	8,132	7,210	9,376	9,473
Other softwood	9	.....	.....	.....	.....	.....	[1]	203	5	7
Hardwood, total	**8,634**	**10,613**	**7,145**	**7,073**	**3,740**	**7,371**	[4] 7,778	[4] 6,982	**8,256**	**7,467**
Alder	.....	[6]	[6]	24	21	11	13	14	34	24
Ash	269	291	155	152	90	96	[1]	84	100	106
Basswood	308	399	184	133	96	130	[1]	100	116	126
Beech	.....	511	359	187	120	319	[1]	352	330	330
Birch	133	452	375	374	141	188	[1]	152	173	175
Chestnut	207	664	546	268	74	85	[1]	[1]	44	33
Cottonwood	415	266	144	165	130	244	[1]	209	312	381
Elm	457	347	194	176	74	158	[1]	159	180	202
Hickory	97	334	170	57	38	164	[1]	159	187	156
Magnolia	.....	[6]	2	42	20	[7]	[1]	[1]	37	[1]
Maple	633	1,107	857	824	445	581	[1]	522	598	630
Oak	4,438	4,414	2,708	2,574	1,432	3,038	3,292	2,859	3,378	3,193
Red gum	285	707	851	1,104	383	1,044	1,017	971	1,080	803
Sycamore	30	57	28	58	27	68	[1]	[1]	67	63
Tupelo	.....	97	144	307	271	395	372	439	612	408
Walnut	39	46	39	72	27	52	[1]	[1]	29	34
Yellow poplar	1,115	859	329	436	276	589	641	578	827	636
Other hardwood	209	62	59	120	75	[7] 208	[1]	385	152	167

[1] Data not available. [2] Includes 298,000,000 board feet of lumber not reported by kind of wood.
[3] Includes 165,305,000 board feet of softwood lumber and 7,605,000 board feet of hardwood lumber sawed by New England mills from timber salvaged from the hurricane of 1938.
[4] Totals include species not shown separately.
[5] Includes unspecified amount of fir.
[6] Less than 500,000 board feet were reported. [7] Magnolia included in "Other hardwood."

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry Series M13G.

No. 808.—Lumber—Production, by Regions and States: 1889 to 1947

[See headnote, table 807 for explanation of lack of comparableness of statistics. Data for Pacific and Rocky Mountain States may be considered complete for entire series. Data for all States may be considered comparable for 1945 and subsequent years]

[In millions of board feet]

REGION AND STATE	1889	1899	1909	1919	1929	1939 [1]	1945	1946	1947
United States	**23,842**	**35,078**	**44,510**	**34,552**	**36,886**	**25,148**	**28,122**	**34,112**	**35,404**
Northeastern States	**4,726**	**5,709**	**5,197**	**2,584**	**1,232**	**1,140**	**1,883**	**2,163**	**2,324**
Maine	597	785	1,112	596	258	215	374	411	459
New Hampshire	277	572	650	339	192	266	290	382	323
Vermont	384	376	352	218	120	126	195	216	204
Massachusetts	212	344	361	167	72	126	88	118	132
Connecticut	49	108	168	87	30	25	17	17	20
Rhode Island	8	19	25	11	7	12	2	3	3
New York	925	878	681	358	160	108	283	317	383
New Jersey	34	74	62	37	16	14	31	27	32
Pennsylvania	2,133	2,333	1,463	630	314	186	464	526	580
Maryland	82	184	268	113	55	51	116	117	154
Delaware	23	36	55	27	10	11	22	28	34
Central States	**3,130**	**5,643**	**5,487**	**3,016**	**2,347**	**1,231**	**2,235**	**2,509**	**2,393**
Ohio	565	990	543	280	176	111	257	247	265
Indiana	755	1,037	556	282	170	111	147	163	180
Illinois	222	388	170	65	38	27	66	93	100
Missouri	402	724	660	321	228	74	241	257	259
West Virginia	302	778	1,473	763	633	324	476	443	484
Kentucky	423	775	861	512	339	207	421	414	439
Tennessee	460	951	1,224	792	764	376	627	893	665
Southern States	**3,718**	**8,404**	**14,796**	**12,704**	**12,484**	**7,549**	**7,940**	**10,033**	**9,397**
Georgia	575	1,312	1,342	894	1,386	907	1,510	1,982	1,687
Florida	412	790	1,202	1,137	1,137	603	485	593	534
Alabama	589	1,101	1,691	1,799	2,059	1,412	1,585	2,158	1,795
Mississippi	454	1,206	2,573	2,390	2,669	1,201	1,313	1,559	1,397
Arkansas	538	1,624	2,111	1,772	1,348	1,110	[2] 1,090	1,245	1,285
Louisiana	304	1,115	3,552	3,164	2,232	1,036	1,024	1,066	1,269
Texas	843	1,232	2,099	1,380	1,452	1,137	933	1,343	1,347
Oklahoma	3	22	226	168	200	143	[2]	88	83
North Carolina Pine States	**1,129**	**2,712**	**5,177**	**3,374**	**2,979**	**2,367**	**2,936**	**3,832**	**3,577**
Virginia	416	959	2,102	1,098	708	679	995	1,217	1,166
North Carolina	515	1,287	2,178	1,654	1,202	1,042	1,215	1,614	1,540
South Carolina	199	466	898	622	1,068	646	727	1,001	871
Lake States	**8,251**	**8,750**	**5,476**	**2,692**	**1,771**	**781**	**923**	**1,117**	**1,310**
Michigan	4,300	3,018	1,890	876	571	333	421	520	580
Minnesota	1,084	2,342	1,562	700	357	111	186	205	244
Wisconsin	2,866	3,389	2,025	1,116	843	337	316	392	486
Pacific States	**2,028**	**2,901**	**6,905**	**8,798**	**14,149**	**10,693**	**10,522**	**12,432**	**14,216**
Washington	1,064	1,429	3,863	4,961	7,302	4,244	3,258	3,422	3,705
Oregon	446	735	1,899	2,577	4,784	4,765	5,004	6,328	7,102
California and Nevada	[3] 518	738	[3] 1,144	[3] 1,259	2,063	1,685	2,261	2,681	3,409
Rocky Mountain States	**249**	**556**	**1,292**	**1,299**	**1,843**	**1,336**	**1,550**	**1,915**	**2,062**
Montana	90	256	309	287	389	271	342	414	500
Idaho	28	65	646	765	1,029	675	780	864	951
Arizona	5	36	63	74	175	119	158	241	220
New Mexico	26	31	92	87	148	106	99	144	127
Colorado	80	134	142	65	72	84	88	139	145
Utah	14	18	13	12	5	15	29	50	38
Wyoming	6	17	29	9	26	65	54	64	81
All other	**612**	**401**	**[4] 179**	**[4] 85**	**81**	**51**	**132**	**111**	**125**
PERCENTAGE DISTRIBUTION									
United States	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Northeastern States	19.8	16.3	11.7	7.5	3.3	4.5	6.7	6.3	6.6
Central States	13.1	16.1	12.3	8.7	6.4	4.9	7.9	7.4	6.8
Southern States	15.6	24.0	33.2	36.8	33.8	30.0	28.2	29.4	26.5
North Carolina Pine States	4.7	7.7	11.6	9.8	8.1	9.4	10.4	11.2	10.1
Lake States	34.6	24.9	12.3	7.8	4.8	3.1	3.3	3.3	3.7
Pacific States	8.5	8.3	15.5	25.5	38.4	42.5	37.4	36.4	40.1
Rocky Mountain States	1.0	1.6	2.9	3.8	5.0	5.3	5.5	5.6	5.8
All other	2.6	1.1	.4	.2	.2	.2	.5	.3	.4

[1] Includes 165,305,000 board feet of softwood lumber and 7,605,000 board feet of hardwood lumber sawed by New England mills from timber salvaged from the hurricane of 1938.
[2] Arkansas and Oklahoma combined.
[3] California only; for 1909 and 1919 Nevada included with "All other."
[4] Includes Nevada.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry Series M13G.

No. 809.—Lumber—Average Mill Value per 1,000 Board Feet: 1899 to 1947

[See headnote, table 807. See also *Historical Statistics*, series F 120-122, for data on value of all kinds, all softwoods, and all hardwoods]

KIND OF WOOD	1899	1909	1919	1929	1937	1939	1940	1941	1942	1943	1947
All kinds [1]	$11.13	$15.38	$30.21	$26.94	$24.25	$21.97	$23.32	$28.09	$31.50	$36.86	$55.00
Softwoods	(2)	14.08	28.39	24.31	22.97	20.97	22.48	27.26	30.73	35.57	55.00
Balsam fir	(2)	13.99	32.23	25.49	21.82	19.43	20.92	24.93	28.93	37.92	(2)
Cedar	10.91	19.95	33.80	34.83	37.00	40.68	39.56	44.68	49.77	51.92	68.00
Cypress	13.32	20.46	38.38	35.29	36.79	35.50	36.07	40.64	45.39	51.75	82.00
Douglas fir	8.67	12.44	24.62	20.05	19.67	17.91	19.49	25.45	30.51	33.04	55.00
Hemlock	9.98	13.95	29.16	18.90	20.58	19.39	22.19	27.33	31.36	34.79	58.00
Larch	8.73	12.68	23.39	18.35	17.23	16.80	16.03	19.47	23.89	28.41	44.00
Lodgepole pine	(2)	16.25	29.98	17.97	16.34	17.76	19.01	19.71	23.41	29.77	46.00
Ponderosa pine	9.70	15.39	27.75	26.47	24.53	22.75	24.29	28.65	32.52	36.79	54.00
Redwood	10.12	14.80	30.04	31.00	36.30	34.56	40.35	46.20	50.47	46.80	70.00
Spruce	11.27	16.91	30.76	28.64	25.73	26.68	26.84	31.71	37.70	44.76	58.00
Sugar pine	12.30	18.14	35.99	43.08	34.71	30.10	30.28	38.75	41.66	46.28	70.00
White fir	(2)	13.10	25.66	20.63	18.95	17.34	18.05	23.36	27.64	34.27	50.00
White pine	12.69	18.16	32.83	29.87	29.20	25.90	27.87	30.32	33.17	39.03	58.00
Yellow pine	8.46	12.69	28.71	25.66	22.18	19.70	21.35	25.50	27.80	34.79	53.00
Hardwoods [1]	(2)	19.52	37.22	38.04	30.49	27.66	28.47	32.34	34.87	41.57	56.00
Alder	(2)	15.03	34.67	27.18	23.07	24.63	27.11	28.10	32.57	38.27	52.00
Ash	15.84	24.44	52.69	43.14	37.11	34.33	35.18	42.10	44.03	47.52	71.00
Basswood	12.84	19.50	40.03	30.88	35.65	31.94	32.98	37.85	42.63	48.33	66.00
Beech	(2)	13.25	29.98	28.39	25.08	22.03	24.24	26.49	30.11	36.16	52.00
Birch	12.50	16.95	35.79	39.35	36.11	33.11	34.63	41.78	47.68	55.47	67.00
Chestnut	13.37	16.12	32.30	29.51	24.87	21.94	20.89	24.93	30.43	32.94	48.00
Cottonwood	10.37	18.05	32.24	29.70	25.24	21.41	22.40	26.87	28.77	34.24	50.00
Elm	11.47	17.52	36.39	35.28	25.48	24.54	26.11	29.64	33.14	37.06	55.00
Hickory	18.78	30.80	44.37	40.33	32.12	26.75	29.99	29.70	35.31	37.79	53.00
Magnolia	(2)	15.00	28.01	38.11	29.02	27.26	29.20	39.49	39.46	(2)	(2)
Maple	11.83	15.77	35.56	36.93	24.14	32.51	34.54	38.29	43.56	48.79	69.00
Oak	13.78	20.50	37.87	38.43	29.60	26.32	26.20	29.74	32.96	40.53	52.00
Red gum	9.63	13.20	32.68	34.42	26.63	23.28	25.67	31.15	30.88	35.95	49.00
Sycamore	11.04	14.87	30.32	30.07	22.75	22.26	22.93	26.82	26.81	33.25	51.00
Tupelo	(2)	11.87	28.42	25.39	23.31	22.09	24.01	28.86	30.68	38.20	54.00
Walnut	36.49	43.79	72.13	119.15	85.10	63.18	71.43	77.20	81.13	132.98	147.00
Yellow poplar	14.03	25.39	41.65	41.66	31.60	26.98	26.04	30.70	32.31	41.99	53.00

[1] Includes some hardwoods not shown separately. [2] Data are not available.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry Series M 13G.

No. 810.—Lumber and Shingles—Production, for Alaska: 1899 to 1947

YEAR	Number of mills reporting	LUMBER SAWED (M FEET, B. M.)					Shingle (squares)[1]
		Total	Spruce	Hemlock	Cedar	All other	
1899	10	6,571	6,056	15	(2)	[3] 500	
1904	6	7,974	7,933		(2)	[3] 41	1,158
1919	22	21,673	21,182	491			
1923	20	36,076	33,504	2,266	(2)	[3] 306	2,849
1925	28	40,857	35,718	2,938	(2)	[3] 2,201	3,295
1927	21	41,395	34,571	6,291	(2)	[3] 533	4,535
1929	19	30,393	21,850	8,205	(2)	[3] 338	2,943
1931	16	16,535	12,091	4,189	(2)	[3] 255	1,063
1933	20	12,901	10,292	1,523	1,086		1,380
1935	20	23,499	14,769	8,069	658	3	2,182
1937	20	25,276	15,794	8,477	994	11	2,181
1939	24	25,885	18,162	6,071	1,595	57	2,471
1941	27	36,547	28,064	7,515	933	35	3,718
1943	29	62,603	48,633	13,355	603	12	1,117
1945	35	59,056	51,623	6,258	1,175		565
1946	42	57,506	47,487	8,710	1,296	13	2,432
1947	40	80,480	69,105	9,872	1,497	6	[4]

[1] Reported in thousands for 1932 and prior years and converted on basis of 800 shingles to the square.
[2] Included in "All other." [3] Includes figures for cedar lumber.
[4] Data not published to avoid disclosing operations of individual establishments.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Census of Manufactures and annual report, Lumber, Lath, and Shingle Production, Facts for Industry Series M 13G.

No. 811.—Lath and Shingles—Production: 1899 to 1947

[**Lath in thousands and shingles in squares.** Shingles reported in thousands prior to 1933 and converted to squares on basis of 800 shingles to square. See headnote, table 807 for explanation of lack of comparability of statistics. Data for shingles reasonably comparable over a period of years, because of complete enumeration of Red Cedar Shingle Industry, this industry's production comprising over 90 percent of total shingle production]

YEAR (CALENDAR)	Lath	Shingles	YEAR (CALENDAR)	Lath	Shingles
1899	2,523,998	15,127,521	1936	810,909	5,901,692
1909	3,703,195	18,634,214	1937	839,085	[1] 5,649,792
1919	1,724,078	11,490,880	1938	583,777	[1] 6,319,236
1926	3,083,130	7,510,432	1939	562,207	[1] 6,500,242
1927	2,372,333	8,054,835	1940	523,428	[1] 6,126,230
1928	1,903,887	7,004,612	1941	521,406	[1] 5,957,040
1929	1,705,858	7,638,340	1942	306,959	[1] 5,266,673
1930	1,097,255	4,955,138	1943	189,512	[1] 3,736,961
1931	614,250	3,392,465	1944 [2]	132,859	[1] 3,587,602
1932	406,089	2,639,125	1945	113,268	[1] 3,156,613
1933	408,192	3,662,250	1946 [3]	135,602	[1] 3,462,612
1934	416,308	3,477,063	1947	197,078	[1] 3,953,488
1935	620,038	4,416,709			

[1] Includes data for shakes.
[2] Data incomplete since mills idle during war were not canvassed for 1944 production.
[3] Incomplete; see table 812 for States canvassed.

No. 812.—Lath and Shingles—Production by States: 1943 to 1947

[**Lath in thousands and shingles in squares.** See headnote, table 811]

STATE	LATH				SHINGLES [1]			
	1943	1945	1946	1947	1943	1945	1946	1947
Alabama	1,663	(2)	534	(2)	1,198	(2)	5,048	----
Arkansas	2,548	(2)	300	(2)	726	(2)	56	(2)
California	10,185	5,651	12,172	14,379	45,090	89,328	130,591	162,116
Florida	5,943	(2)	----	(2)	6,215	(2)	254	(2)
Georgia	----	----	1,350	----	2,763	(2)	68	(2)
Idaho	19,741	17,192	16,999	19,959	15,975	24,522	42,849	66,370
Louisiana	10,853	(2)	----	(2)	3,228	----	----	----
Maine	2,671	16,629	(3)	(2)	42,745	33,079	(3)	24,316
Michigan	2,759	(2)	(3)	(2)	12,928	(2)	(3)	(2)
Minnesota	1,818	5,543	(3)	(2)	714	(2)	(3)	(2)
Mississippi	4,715	(2)	300	(2)	115	----	----	----
Montana	8,024	(2)	(2)	8,660	3,081	(3)	(2)	(2)
North Carolina	714	(2)	69	(2)	15,467	17,444	11,879	5,741
Oregon	43,439	25,394	46,701	61,439	656,329	686,337	804,950	918,709
South Carolina	264	(2)	40	----	6,379	(2)	1,535	(2)
Texas	10,181	(2)	6,123	(2)	5,065	----	1,956	465
Virginia	3,905	(2)	4,056	(2)	136	(2)	----	----
Washington	44,951	20,284	37,671	48,318	2,903,178	2,288,219	2,460,731	2,752,548
West Virginia	444	(2)	(3)	(2)	188	----	(3)	----
Wisconsin	9,864	(2)	(3)	7,423	9,504	(2)	(3)	4,130
All other	4,830	22,575	[4] 9,287	36,900	5,937	17,684	[4] 2,695	19,093

[1] Includes data for shakes.
[2] Included in "All other."
[3] Not available.
[4] Includes only Colorado, Montana, New Mexico, Oklahoma, South Dakota, Tennessee, Utah, and Wyoming. Other states not canvassed for lath and shingles production.

Source of tables 811 and 812: Department of Commerce, Bureau of Census (in cooperation with Department of Agriculture, Forest Service, and Tennessee Valley Authority); reports of Census of Manufactures and annual report, Lumber, Lath, and Shingle Production Facts for Industry Series M13G.

No. 813.—Veneer and Plywood—Log Consumption and Production: 1943 to 1949

[No later data for hardwood veneer and plywood; survey suspended]

LOG CONSUMPTION (M FT., LOG SCALE)			VENEER AND PLYWOOD PRODUCTION		
Kind of wood	1943	1944	Type of veneer and plywood	1943	1944
Hardwood, total	934,860	885,960	**Hardwood veneer (M sq. ft., surface measure)**	9,870,597	9,270,351
Mahogany	26,252	23,004	Aircraft and boat	1,627,145	629,708
Sweet gum	261,534	240,962	Commercial	3,066,269	3,315,069
Black gum [1]	175,757	167,044	Container	5,177,183	5,325,574
Birch	76,350	63,692	**Hardwood plywood (M sq. ft., surface measure)**	1,211,814	1,166,243
Maple	60,418	58,183	Aircraft and boat	141,868	50,472
Yellow poplar	66,769	53,623	Commercial	563,930	625,662
Beech and elm	32,160	33,507	Container	506,016	490,109
Cottonwood and sycamore	49,727	55,462	Softwood plywood (M sq. ft., 3/8" equivalent) [3]	1,495,168	1,484,889
All other woods [2]	185,893	190,483			
Softwood [3]	654,478	646,946			
	1948	1949		1948	1949
Softwood [3]	857,722	[4] 859,700	Softwood plywood (M sq. ft., 3/8" equivalent) [3]	1,953,883	[4] 1,864,345

[1] Includes tupelo and magnolia.
[2] Includes a small quantity of softwoods reported by hardwood veneer and plywood producers.
[3] Principally Douglas fir.
[4] Preliminary.

Source: Department of Commerce, Bureau of the Census; Facts for Industry Series 16-3 and M13B.

No. 814.—Cooperage Stock—Production, by Kind: 1909 to 1947

[Production of wooden hoops in 1923 was 153,954,000; in 1925, 149,167,000; in 1927, 134,596,000; in 1929, 133,054,000 in 1931, 94,311,000; in 1933, 61,161,000; in 1935, 51,818,000; in 1937, 68,152,000; and in 1939, 32,209,000, nearly all elm]

YEAR AND KIND OF WOOD	STAVES (THOUSANDS)		HEADING (THOUSAND SETS)	
	Tight	Slack	Tight	Slack
1909	379,231	2,029,548	20,691	140,234
1919	353,825	1,121,324	24,274	87,381
1927	324,127	961,782	26,445	59,337
1929	357,353	1,039,450	30,329	72,591
1931	204,624	537,177	20,090	43,375
1933	154,575	426,585	13,031	37,461
1935	221,619	439,970	15,259	35,992
1937	205,286	574,768	13,377	54,318
1939	182,431	526,315	14,277	46,465
1947 [2]	131,104	406,761	9,807	35,445
1939				
Douglas fir	19,573	26,018	1,445	1,639
Elm	(1)	35,977	(1)	7
Oak	90,451	(1)	5,337	(1)
Pine	46,637	199,337	3,412	34,776
Red gum	13,017	169,225	1,529	1,828
Spruce	2,977	28,140	1,341	5,275
Other	9,776	57,618	1,213	2,940

CLASS	1929	1935	1937	1939
Tight staves (thousands)	357,353	221,619	205,286	182,431
Whisky, spirit, and wine	16,292	60,887	65,629	48,724
Oil, tierce, and pork	185,801	83,503	76,915	60,274
Beer and ale	(1)	3,467	2,615	1,956
Other and not specified	155,260	73,762	60,127	71,477
Tight heading (thousand sets)	30,329	15,259	13,377	14,277
Whisky, spirit, and wine	1,381	4,371	2,910	1,991
Oil, tierce, and pork	21,195	4,865	4,241	4,520
Beer and ale	(1)	145	418	124
Other and not specified	7,753	5,878	5,808	7,642

[1] Not called for on schedule.
[2] Excludes small amount produced in other than cooperage stock and cooperage industries.

Source: Department of Commerce, Bureau of the Census (in cooperation with Department of Agriculture, Forest Service); reports of Census of Manufactures.

No. 815.—Pulpwood—Consumption by Mills and Mill Cost

[Data cover domestic and imported wood. Cost is f. o. b. pulp mill. See also *Historical Statistics*, series F 132, for data on consumption]

YEAR	Quantity, all kinds (cords)	COST		YEAR	Quantity, all kinds (cords)	COST		YEAR	Quantity, all kinds (cords)	COST	
		Total (1,000 dollars)	Average per cord			Total (1,000 dollars)	Average per cord			Total (1,000 dollars)	Average per cord
1899	1,986,310	9,838	$4.95	1927	6,750,935	95,452	$14.14	1939	10,816,466	84,539	$7.82
1909	4,001,607	34,478	8.62	1929	7,645,011	100,054	13.09	1940	13,742,958	109,740	7.99
1919	5,477,832	87,386	15.95	1931	6,722,766	73,524	10.94	1946	17,817,560	(1)	(1)
1921	4,557,179	91,589	20.10	1933	6,581,674	48,508	7.37	1947	19,714,229	(1)	(1)
1923	5,872,870	95,306	16.23	1935	7,628,274	58,244	7.64	1948	21,189,458	(1)	(1)
1925	6,093,821	94,340	15.48	1937	10,393,800	82,885	7.97	1949[2]	19,918,766	(1)	(1)

KIND OF WOOD	TOTAL CONSUMPTION (CORDS)						
	1919	1929	1935	1937	1938	1939	1940
Total	**5,477,832**	**7,645,011**	**7,628,274**	**10,393,800**	**9,193,991**	**10,816,466**	**13,742,958**
Spruce:							
Domestic	2,313,419	2,074,267	1,755,112	2,010,720	1,447,457	1,567,643	2,045,519
Imported	873,795	1,029,913	625,462	826,528	832,295	906,806	963,195
Hemlock:							
Domestic	795,154	1,309,170	1,521,271	2,264,565	1,677,181	2,218,678	2,636,118
Imported		15,379		37,447	37,243		152,653
Yellow pine (southern)	234,463	1,036,272	1,785,228	2,658,949	3,261,404	3,834,644	5,013,478
Poplar:							
Domestic	180,160	329,466	333,773	441,401	324,868	354,125	489,866
Imported	158,220	157,829	54,283	90,365	95,758	123,148	108,809
Balsam fir:							
Domestic	181,840	317,552	298,812	320,715	321,984	283,506	388,577
Imported	106,974	45,412	54,313	71,447	65,392	74,705	83,609
Jack pine[3]	51,581	205,760	[4] 224,538	300,786	258,570	359,755	477,975
Beech, birch, and maple[4]	184,111	76,950	152,054	257,410	[3] 168,796	[3] 241,039	[3] 298,895
Tamarack (larch)[4]	44,042	51,835	9,587	8,945	9,937	8,450	11,324
Yellow poplar[4]	72,605	129,697	(5)	47,882	(5)	(5)	(5)
Gum[4]	30,355	39,685	29,299	[6] 25,967	47,967	[6] 47,370	(5)
White fir[4]	31,138	111,054	174,075	[3] 135,384	98,878	159,428	[3] 213,445
Other wood	44,894	153,485	317,675	329,898	315,101	318,155	584,560
Slabs and mill waste	175,081	561,285	292,792	565,391	231,160	319,014	274,935

[1] Data not available. [2] Preliminary. [3] Domestic and imported.
[4] Domestic only. [5] Included with "Other wood." [6] Red gum only.

Source: Department of Commerce, Bureau of the Census; reports of the Census of Manufactures; alternating with these reports, a series of reports for even-numbered years through 1940. See source, table 816, concerning later data.

No. 816.—Pulpwood—Consumption, by Kind of Wood: 1943 to 1949

[**Cords of 128 cu. ft. (rough wood basis).** Data cover domestic and imported wood. Comparable data for detail shown in table 815 not available]

KIND OF WOOD	1943	1944	1945	1946	1947	1948	1949[1]
Total	**15,644,500**	**16,757,400**	**16,911,861**	**17,817,560**	**19,714,229**	**21,189,458**	**19,918,766**
Softwood, total	**13,477,074**	**13,931,075**	**14,519,870**	**15,384,176**	**17,021,974**	**18,490,916**	**17,298,520**
Spruce and fir	3,633,239	3,290,466					
Hemlock	2,081,609	2,246,833					
Pine	7,343,615	7,994,650	(2)	(2)	(2)	(2)	(2)
Western fir	243,891	260,643					
Western spruce	174,720	138,483					
Hardwoods, total	**1,287,983**	**1,550,117**	**2,391,991**	**2,433,384**	**2,692,255**	**2,698,542**	**2,620,246**
Aspen	687,486	661,710					
Yellow poplar	149,724	284,882					
Gum	66,617	160,166	(2)	(2)	(2)	(2)	(2)
Chestnut	384,156	434,982					
Birch		8,377					
Other woods[3]	641,838	988,873					
Saw mill waste	237,605	287,335					

[1] Preliminary. [2] Data by kind not available.
[3] Includes hardwoods and softwoods not classified by kind.

Source: Data for 1943, 1944 and the first 8 months of 1945 collected and compiled by War Production Board. Thereafter, compiled by Department of Commerce, Bureau of the Census. 1945-49 data published in Facts for Industry Series M14A and records.

No. 817.—Wood Pulp and Paper and Paperboard—Production: 1899 to 1949

[**Tons of 2,000 pounds.** See also *Historical Statistics*, series F 133–134]

YEAR	Wood pulp[1] (*old basis*)	Paper and paperboard (*old basis*)	YEAR	Wood pulp[1] (*old basis*)	Paper and paperboard (*old basis*)	Wood pulp (*new basis*)[2]	Paper and paperboard (*new basis*)[3]
1899	1, 179, 525	2, 167, 503	1937	6, 572, 918	12, 837, 003	----------	----------
1909	2, 495, 523	4, 216, 708	1939	6, 993, 334	13, 509, 642	----------	----------
1914	2, 893, 150	5, 270, 047	1940	8, 851, 740	14, 483, 709	8, 959, 559	----------
1919	3, 517, 952	6, 098, 530	1941	10, 046, 193	17, 093, 092	10, 375, 422	[4] 17, 933, 607
1921	2, 875, 601	5, 431, 265	1942	10, 364, 175	16, 477, 663	10, 783, 430	[4] 17, 083, 862
1923	3, 788, 672	8, 029, 482	1943	9, 175, 013	16, 501, 597	9, 680, 462	17, 035, 688
1925	3, 962, 217	9, 182, 204	1944	9, 550, 150	16, 866, 831	10, 108, 443	17, 182, 804
1927	4, 313, 403	10, 002, 070	1945	----------	----------	10, 167, 200	17, 370, 965
1929	4, 862, 885	11, 140, 235	1946	----------	----------	10, 606, 527	19, 277, 667
1931	4, 409, 334	9, 381, 840	1947	----------	----------	11, 945, 864	21, 114, 000
1933	4, 276, 204	9, 190, 017	1948	----------	----------	12, 872, 292	21, 921, 757
1935	4, 925, 669	10, 479, 095	1949	----------	----------	[5] 12, 156, 897	[5] 20, 332, 252

[1] Beginning 1914 includes screenings.
[2] Includes data for existing mills not classified as producers of pulp before 1940. In that year data for 6 mills not previously classified as producers of wood pulp were included for first time. For same reason, an additional mill was included in 1941, and 2 more added in 1943.
[3] Includes data for 25 existing mills not previously classified as producers of paper and paperboard.
[4] Includes estimated production of insulating board for 1 mill. Estimates were made on assumption that production of this mill was proportionately the same in 1941 and 1942 as in 1943. [5] Preliminary.

Source: Department of Commerce, Bureau of the Census; reports of Census of Manufactures; Census of Forest Products, 1940; and annual report, Census of Pulp Mills and of Paper and Paperboard Mills, Facts for Industry Series M14A and records.

No. 818.—Wood Pulp—Production, by States and by Process: 1909 to 1949

[**Tons of 2,000 pounds**]

STATE AND PROCESS	1909	1919	1929	1939	1946[1]	1947[1]	1948[1]	1949[1]
Total	**2, 495, 523**	**3, 517, 952**	**4, 862, 885**	**6, 993, 334**	**10, 606, 527**	**11, 945, 864**	**12, 872, 292**	**12, 156, 897**
Alabama	(2)	(2)	(2)	(2)	[3] 455, 837	411, 739		
Florida	(2)	(2)	(2)	449, 162	694, 594	783, 258		
Louisiana	----------	(2)	246, 590	589, 672	989, 366	1, 128, 727		
Maine	620, 705	916, 764	981, 433	941, 273	1, 185, 232	1, 237, 075		
Michigan	64, 369	106, 194	178, 015	200, 325	219, 873	222, 678		
Minnesota	37, 295	129, 560	189, 664	160, 665	318, 605	392, 254		
Mississippi	(2)	(2)	(2)	(2)	463, 456	476, 264		
New Jersey	(2)	(2)	(2)	(2)	62, 700	68, 620		
New Hampshire	212, 599	232, 134	212, 774	(2)	177, 434	174, 137	(6)	(6)
New York	679, 534	811, 958	662, 988	460, 652	555, 847	645, 955		
North Carolina	(2)	(2)	(2)	179, 636	[4] 923, 926	(2)		
Pennsylvania	135, 525	215, 686	213, 083	193, 958	272, 598	288, 757		
Vermont	(2)	(2)	(2)	(2)	(2)	(2)		
Virginia	48, 641	(2)	206, 050	402, 929	[5] 647, 172	630, 384		
Washington	(2)	83, 575	523, 948	1, 126, 114	1, 332, 940	1, 591, 229		
Wisconsin	324, 509	506, 549	733, 617	655, 816	889, 139	922, 732		
Other States	372, 346	515, 532	714, 723	1, 633, 132	1, 417, 808	2, 962, 055		
ALL PROCESSES								
Groundwood	1, 179, 266	1, 518, 829	1, 637, 653	1, 444, 875	1, 811, 622	2, 049, 814	2, 175, 107	1, 960, 263
Defibrated, exploded, asplund fiber and similar grades[7]	----------	----------	----------	----------	761, 544	693, 282	744, 671	651, 405
Sulphite	1, 017, 631	1, 449, 829	1, 681, 511	1, 946, 452	2, 476, 468	2, 795, 962	2, 811, 216	2, 536, 385
Sulphate	----------	120, 378	918, 084	2, 962, 657	4, 588, 016	5, 356, 710	6, 013, 696	5, 972, 056
Soda	298, 626	411, 693	520, 729	441, 565	476, 211	491, 580	509, 864	492, 194
Semi-chemical, off quality, screenings and misc	----------	47, 223	104, 908	197, 785	492, 666	558, 516	617, 738	544, 594

[1] New basis, see table 817; 1949, preliminary.
[2] Included in "Other States" to avoid disclosing data for individual establishments.
[3] Includes Tennessee. [4] Includes South Carolina. [5] Includes Maryland.
[6] Data by States not available.
[7] These processes represent recent developments; production for 1939 and earlier years only a small proportion of total.

Source: Department of Commerce Bureau of the Census; reports of Census of Manufactures; annual report, Census of Pulp Mills and of Paper and Paperboard Mills, Facts for Industry Series M14A and records.

No. 819.—Paper and Board—Production By Type: 1946 to 1949

[**Tons of 2,000 pounds.** Production in 1946 and 1948 from special annual survey, in 1947 from Census of Manufactures, and in 1949 from monthly surveys]

TYPE OF PAPER	1946	1947	1948	1949 [1]
All types	**19,277,667**	**21,114,000**	**21,921,757**	**20,332,252**
Paper, total	**8,751,854**	**9,415,909**	**9,800,029**	**9,237,501**
Newsprint	772,797	833,038	875,760	910,747
Groundwood printing and specialty paper, total	[2] 775,779	[2] 821,318	[2] 808,110	[2] 806,744
Printing	473,620	546,008	544,593	582,564
Converting	252,006	240,924	233,133	190,942
Other	50,153	34,386	30,384	33,238
Book paper, total	[2] 1,933,428	[2] 2,207,923	[2] 2,338,671	[2] 2,153,813
Printing	1,458,003	1,696,570	1,836,569	1,606,070
Converting	457,062	498,368	484,262	533,577
Other	18,363	12,985	17,840	14,166
Fine paper, total	1,145,576	1,171,539	1,141,702	1,029,355
Writing, total	901,670	918,349	908,890	794,644
Rag (including index)	175,514	174,110	138,292	128,258
Chemical wood pulp	726,156	744,239	770,598	666,386
Cover and text	93,352	93,178	71,744	65,169
Bristols (except rag index)	82,414	86,801	88,136	82,118
Thin	64,961	73,211	72,932	64,918
Other	3,179	----------	----------	22,506
Coarse paper, total	2,690,490	2,903,450	3,024,846	2,834,444
Glassine, greaseproof and vegetable parchment	158,251	156,310	135,291	125,181
Wrapping, total	763,193	667,028	732,935	798,122
Unbleached kraft	348,862	346,026	370,385	416,005
Other	414,331	321,002	362,550	382,117
Bag, total	523,633	539,864	685,621	667,951
Unbleached kraft	492,120	495,665	653,046	623,065
Other	31,513	44,199	32,575	44,886
Shipping sack	550,374	670,889	616,776	470,826
Converting, total	695,039	869,359	854,223	772,364
Unbleached kraft	----------	598,229	596,165	394,332
Other	----------	271,130	258,058	378,032
Special industrial	286,478	289,499	315,900	272,938
Sanitary	860,658	894,032	982,644	952,608
Tissue	183,837	194,624	205,095	197,671
Absorbent	102,811	100,486	107,301	79,181
Paperboard, total	**8,396,233**	**9,186,810**	**9,368,774**	**8,984,839**
Liners	2,794,108	3,293,234	3,436,305	3,014,565
Corrugating material	1,234,340	1,370,492	1,372,691	1,352,579
Container chip and filler board	286,490	279,968	269,933	268,962
Folding boxboard (for use in folding box plants only)	2,317,496	2,256,691	2,182,354	2,054,883
Set-up boxboard (for use in set-up box plants only)	520,772	594,755	595,927	596,859
Cardboard	89,310	91,858	86,790	71,466
All other paperboard	1,153,717	1,299,812	1,424,774	1,625,525
Wet machine board, total	**137,583**	**149,800**	**134,285**	**119,621**
Shoe board	65,565	55,195	51,077	39,040
Binder board	55,697	52,596	39,146	37,625
Other	16,321	42,009	44,062	42,956
Construction paper materials, total	**1,991,997**	**2,361,481**	**2,618,669**	**1,990,291**
Building paper (including flexible fibre insulation)	1,035,639	1,289,109	1,348,321	1,099,960
Building board	956,358	1,072,372	1,270,348	890,331

[1] Preliminary.
[2] Data for paper-machine coated paper included in book paper.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and annual report, Census of Pulp Mills and of Paper and Paperboard Mills, Facts for Industry Series M14A.

No. 820.—Turpentine and Rosin—Production, 1899 to 1949, and by States, 1945 to 1949

[See also *Historical Statistics*, series F 137-142]

YEAR [1]	TURPENTINE (BARRELS OF 50 GALLONS)			ROSIN (DRUMS 520 LBS. NET)		
	Total	From gum [2]	From wood [3]	Total	From gum [2]	From wood [3]
1899	754,670	754,670	(4)	1,947,946	1,947,946	(4)
1904	622,585	613,741	8,844	1,571,739	1,571,739	(4)
1909	[5] 594,283	579,779	14,137	1,462,208	1,462,208	(4)
1914	[5] 552,979	539,620	11,511	[5] 1,319,328	1,292,514	23,218
1919	384,563	353,877	30,687	1,015,774	910,928	104,846
1929-30	718,802	626,417	92,385	1,963,349	1,580,505	382,844
1932-33	575,131	[6] 501,000	[7] 74,131	1,658,664	[6] 1,362,720	295,944
1933-34	624,761	[6] 526,000	[7] 98,761	1,837,870	[6] 1,430,448	407,422
1934-35	603,093	[6] 510,000	[7] 93,093	1,783,298	[6] 1,387,200	396,098
1935-36	602,908	497,000	105,908	1,821,193	[8] 1,360,950	460,243
1936-37	634,520	482,787	151,733	1,865,569	[8] 1,286,347	579,222
1937-38	700,331	518,454	181,877	2,049,573	[8] 1,388,343	661,230
1938-39	709,218	534,291	174,927	2,089,913	[8] 1,466,344	623,569
1939-40	604,778	382,781	221,997	1,835,177	[8] 1,054,236	780,941
1940-41	566,341	343,938	222,403	1,717,492	[8] 938,911	778,581
1941-42	548,796	285,050	263,746	1,708,474	[8] 791,710	916,764
1942-43	560,351	321,930	238,421	1,655,803	[8] 868,698	787,105
1943-44	508,432	288,382	220,050	1,462,831	[8] 783,565	679,266
1944-45	471,243	245,194	226,049	1,317,912	[8] 692,212	625,700
1945-46	488,131	244,252	243,879	1,452,036	[8] 694,476	757,560
1946-47	569,985	270,286	299,699	1,720,248	[8] 752,535	967,713
1947-48	640,903	294,028	346,875	1,990,831	[8] 828,128	1,162,703
1948-49	659,140	324,330	334,810	2,076,110	[8] 921,220	1,154,890

STATE	PRODUCTION FROM CRUDE GUM [1]							
	Turpentine (barrels of 50 gallons)				Rosin (drums 520 lbs. net) [9]			
	1945-46	1946-47	1947-48	1948-49	1945-46	1946-47	1947-48	1948-49
Alabama	13,735	10,682	20,219	21,860	38,550	29,391	56,841	61,438
Florida	43,986	57,800	65,871	59,300	123,537	159,160	184,527	167,809
Georgia	180,715	197,005	205,060	241,370	507,526	542,364	575,001	682,241
Mississippi	3,099	2,795	734	1,800	8,711	7,664	1,648	5,502
Louisiana	910	877	1,166		2,538	2,381	3,295	
South Carolina	1,807	1,127	978		5,076	3,125	2,471	

[1] Figures for turpentine and rosin from crude gum, beginning 1929-30, and from wood beginning 1933-34, relate to crop year ended Mar. 31. All other figures relate to calendar years.
[2] Figures compiled from data reported by establishments in Turpentine and Rosin industry.
[3] Figures compiled from data reported by establishments in Wood-Distillation industry.
[4] Not reported.
[5] Includes, for 1909 and 1914, 366 barrels and 1,848 barrels respectively, of turpentine and, for 1914, 3,596 drums of rosin, reported by establishments engaged in manufacture of lumber and timber products.
[6] Estimated by J. E. Lockwood; complete data not available. Figures include estimates of rosin produced from reclaimed gum, as follows: 1932-33, 26,720 drums; 1933-34, 28,048; 1934-35, 27,200.
[7] Includes estimates by J. E. Lockwood for production of turpentine from steam-distilled wood.
[8] Includes data for rosin produced from reclaimed gum: For 1935-36, 43,350 drums; 1936-37, 34,155; 1937-38, 21,017; 1938-39, 31,983; 1939-40, 31,414; 1940-41, 20,181; 1941-42, 19,765; 1942-43, 11,297; 1943-44, 9,824; 1944-45, 8,066; 1945-46, 8,538; 1946-47, 8,449; 1947-48, 4,345; 1948-49, 4,230.
[9] Figures do not include data for rosin produced from reclaimed gum. See note 8.

Source: Figures for 1899 to 1932, Department of Commerce, Bureau of the Census; reports of Census of Manufactures. Figures for 1933 and subsequent years, Department of Agriculture, Bureau of Agricultural and Industrial Chemistry; Naval Stores Report on Turpentine and Rosin.

27. Fisheries

The Fish and Wildlife Service, Branch of Commercial Fisheries in the Department of the Interior, conducts annual surveys for various statistical information on the fishery industries. These data are published in greater detail in publications of the Service and include data on the volume of the catch of individual species of fish and shellfish and their value, employment in the fisheries, quantity of gear operated, the number of fishing and transporting craft employed in the capture and transporting of fishery products, employment in wholesale and manufacturing establishments, and volume and value of the production of manufactured fishery products. In addition to the basic statistics on employment, yield, and the production of manufactured fishery products for individual States and various geographical sections, there are included in reports data on imports and exports of fishery commodities; landings by fishing craft at Boston, Gloucester, New Bedford, and on Cape Cod, Massachusetts; at Maine ports; and Seattle, Washington; shad fisheries of the Hudson and Potomac Rivers; alewife fishery in the Potomac; seed oyster fisheries; a review of the Pacific Coast halibut fishery; a statement on whaling operations by United States firms; data on the sponge fishery; and lists of firms producing various manufactured fishery products. These data are summarized in the *Statistical Abstract*. The more detailed information may be obtained from the Fish and Wildlife Service, Washington 25, D. C.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series F 166–192") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 821.—Fisheries—Summary of Total Catch and Value: 1930 to 1949

[Includes Alaska beginning with 1941, data partly estimated. See also *Historical Statistics*, series F 155]

YEAR	Quantity (1,000 pounds)	Value to fishermen (1,000 dollars)	YEAR	Quantity (1,000 pounds)	Value to fishermen (1,000 dollars)
1930	3,286,580	109,349	1943	4,202,281	204,029
1932	2,634,704	55,532	1944	4,500,000	213,000
1937	4,352,549	100,845	1945	4,575,500	269,900
1938	4,253,445	93,547	1946	4,455,600	310,000
1939	4,443,328	96,532	1947 (prel.)	4,374,000	307,000
1940	4,059,524	98,957	1948 (prel.)	4,575,000	367,000
1941	5,080,341	134,172	1949 (prel.)	4,750,000	325,000
1942	3,876,524	170,338			

No. 822.—Fisheries—Catch, by Sections

[See also *Historical Statistics*, series F 166–192, for data on quantity of catch]

SECTION	Year	Fishermen	Fishing vessels	Fishing boats	CATCH	
					Quantity	Value to fishermen
		Number	*Number*	*Number*	*1,000 pounds*	*1,000 dollars*
New England States	1947	25,355	939	14,120	802,593	56,179.3
Middle Atlantic States	1947	15,423	591	6,730	612,405	28,328.7
Chesapeake Bay States	1947	18,940	459	12,934	408,015	28,332.6
South Atlantic and Gulf States	1945	[1] 29,697	[1] 1,735	[1] 16,371	746,027	54,330.0
Pacific Coast States	1947	30,373	2,714	7,654	1,043,024	93,766.1
Great Lakes States	1947	[2] 5,142	[2] 499	[2] 1,785	69,801	10,736.9
Mississippi River States	1931	15,884		14,546	82,382	2,897.3
Alaska	1947	12,242	1,724	4,127	613,810	28,690.6

[1] Data for Florida for 1940.

[2] Data for 1940.

Source of tables 821 and 822: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 823.—Fisheries—Quantity and Value of Catch, by Sections and States: 1880 to 1947

[Values represent the value of fish to fishermen]

Calendar year	New England states					
	Total		Maine		New Hampshire	
	1,000 pounds	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*
1880		12,503.0		2,742.6		170.6
1902	534,075	12,406.3	242,390	2,918.8	1,593	50.0
1908	530,029	15,139.0	173,843	3,257.0	677	53.0
1919	467,340	19,838.7	147,956	3,889.0	529	92.7
1929	694,286	29,072.5	162,939	4,897.2	378	52.1
1930	701,351	27,493.5	143,824	4,329.4	1,069	69.1
1935	655,430	17,983.6	112,219	3,309.2	354	61.6
1940	626,054	20,493.7	88,088	2,606.4	788	105.2
1944	713,692	41,909.6	161,285	7,053.2	1,673	322.4
1945	845,471	56,589.0	184,425	12,499.1	1,549	487.7
1946	805,563	62,071.9	195,955	14,142.0	[1] 1,549	[1] 487.7
1947	802,593	56,179.3	220,868	12,870.0	707	238.4

Calendar year	Massachusetts		Rhode Island		Connecticut	
1880		7,959.8		696.8		933.2
1902	230,646	6,482.4	21,614	1,155.7	37,832	1,799.4
1908	244,313	7,095.0	44,254	1,752.0	66,942	2,982.0
1919	246,951	10,859.7	48,251	3,296.6	23,653	1,700.6
1929	447,689	18,052.5	28,401	2,435.3	54,879	3,635.4
1930	442,474	16,289.1	25,972	2,287.3	88,012	4,518.6
1935	503,417	12,147.9	24,524	1,247.9	14,916	1,217.0
1940	510,938	15,755.8	12,060	966.2	14,180	1,060.2
1944	520,539	31,441.0	15,787	1,797.8	14,408	1,295.1
1945	625,878	39,643.3	20,525	2,376.9	13,094	1,582.0
1946	572,936	43,264.4	18,929	2,533.7	16,194	1,644.1
1947	543,110	38,763.6	21,436	2,452.7	16,472	1,854.6

Calendar year	Middle Atlantic states									
	Total		New York		New Jersey		Pennsylvania		Delaware	
	1,000 pounds	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*
1880	408,202	8,677.0	329,453	4,225.7	65,151	3,176.6	1,680	277.0	11,918	997.7
1901	357,888	9,104.7	228,092	3,894.3	117,931	4,755.5	6,030	251.5	5,835	203.4
1908	221,450	8,280.0	71,474	4,390.0	74,827	3,069.0	4,380	280.0	70,769	541.0
1921	332,932	11,667.4	210,377	4,986.9	96,937	5,983.4	595	44.6	25,023	652.4
1930	193,868	13,063.7	45,495	4,933.7	97,275	7,474.4	17	2.8	51,081	652.8
1935	279,438	6,415.7	84,939	3,135.4	107,802	2,844.3	31	5.7	86,666	430.4
1940	355,553	7,651.0	91,959	4,216.2	160,554	2,956.9	23	2.4	103,017	475.4
1944	422,980	21,329.9	102,632	11,523.7	166,051	8,271.2			154,297	1,535.0
1945	494,193	23,224.2	117,548	10,052.7	207,647	11,062.5			168,998	2,109.0
1946	141,058	14,126.9	141,058	14,126.9						
1947	612,405	28,328.7	136,962	13,204.3	240,092	9,783.1			235,351	5,341.3

Calendar year	Chesapeake Bay states					
	Total		Maryland		Virginia	
	1,000 pounds	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*
1880	254,587	8,346.2	95,713	5,221.7	158,875	3,124.4
1901	461,159	8,380.8	82,975	3,767.5	378,183	4,613.4
1908	426,311	8,022.0	113,796	3,306.0	312,515	4,716.0
1920	530,750	12,740.4	59,531	4,198.7	471,219	8,541.7
1930	316,393	11,472.0	71,099	3,984.7	245,294	7,487.3
1935	265,827	5,524.5	48,235	2,003.6	217,592	3,520.9
1940	320,736	7,456.4	51,085	2,598.6	269,651	4,857.9
1944	267,391	19,823.2	51,563	7,377.0	215,828	12,446.2
1945	304,463	30,363.2	51,676	8,844.9	252,787	21,518.3
1946	359,946	27,198.8	60,110	8,636.5	299,836	18,562.3
1947	408,015	28,332.6	59,712	8,134.3	348,303	20,198.3

Calendar year	South Atlantic states									
	Total		North Carolina		South Carolina		Georgia		Florida (east coast only)	
	1,000 pounds	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*
1880	42,952	1,256.6	32,249	845.7	6,143	212.5	2,272	120.0	2,287	78.4
1902	106,446	2,839.6	67,585	1,739.7	8,174	263.0	11,103	359.1	19,584	477.9
1908	166,875	4,034.0	101,422	1,776.0	14,104	288.0	14,828	701.0	36,521	1,269.0
1918	332,614	5,348.6	210,502	2,978.7	3,747	207.7	37,154	416.0	81,211	1,746.2
1928	262,118	6,196.2	141,899	2,629.2	7,432	316.8	42,069	866.3	70,718	2,383.9
1934	261,080	3,624.1	163,462	1,672.2	5,891	225.3	27,141	359.5	64,586	1,367.1
1940	325,515	4,064.1	170,581	1,864.6	9,446	265.8	12,672	380.6	132,816	1,553.1
1945	404,946	15,132.6	198,169	5,495.2	10,855	899.3	21,398	1,350.0	174,524	7,388.1

[1] Data are for 1945.

No. 823.—Fisheries—Quantity and Value of Catch, by Sections and States: 1880 to 1947—Continued

Calendar year	Gulf States: Total		Florida (west coast only)		Alabama	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	23,561	1,227.5	8,376	564.8	3,542	119.3
1902	113,697	3,494.2	48,120	1,462.2	9,351	266.7
1908	118,274	4,860.0	37,566	2,120.0	10,665	387.0
1918	130,924	6,510.3	54,754	3,420.4	5,609	230.6
1928	191,007	9,866.3	61,121	3,866.5	14,466	586.8
1930	141,953	6,794.9	53,525	3,001.4	7,113	315.5
1934	186,834	6,369.6	54,215	2,267.6	7,964	253.4
1940	250,018	10,580.8	54,676	3,451.6	11,344	561.9
1945	341,081	39,197.4	69,322	11,447.9	15,137	2,443.3

Calendar year	Mississippi		Louisiana		Texas	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1880	788	22.5	6,996	392.6	3,859	128.3
1902	23,427	553.2	24,754	858.3	8,044	353.8
1908	17,302	459.0	42,302	1,448.0	10,439	446.0
1918	20,592	762.8	24,954	1,419.4	25,015	677.2
1928	30,701	1,060.1	69,507	3,477.9	15,212	875.0
1930	15,736	740.1	49,886	1,960.4	15,693	777.5
1934	22,153	652.3	76,633	2,284.6	25,869	911.7
1940	38,002	623.1	126,627	4,951.5	19,369	992.7
1945	70,787	1,711.4	163,902	20,485.7	21,933	3,109.1

Calendar year	Pacific Coast States: Total		Washington		Oregon		California		Alaska	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1888	87,043	4,010.0	20,468	811.0	26,048	734.0	40,527	2,465.0	----------	----------
1899	206,911	6,278.6	119,340	2,871.4	22,752	855.7	64,819	2,551.5	----------	----------
1908	193,056	6,839.0	111,356	3,513.0	28,221	1,356.0	53,479	1,970.0	----------	----------
1915	304,796	9,306.0	170,594	5,321.0	34,693	1,479.0	99,509	2,506.0	----------	----------
1925	627,025	24,580.5	139,457	9,476.4	40,008	3,442.4	447,560	11,661.7	616,136	9,860.7
1930	833,389	23,064.1	110,039	8,334.8	26,459	2,256.3	696,891	12,473.0	620,702	12,755.6
1935	1,676,236	23,088.8	124,086	6,328.7	85,392	2,076.8	1,466,758	14,683.3	648,710	9,093.2
1940	1,456,281	29,578.0	111,632	6,676.3	54,203	2,741.8	1,290,446	20,159.9	563,688	10,612.1
1944	1,667,695	59,794.6	154,402	16,559.3	71,026	7,936.3	1,442,267	35,299.0	561,199	20,413.5
1945	1,428,278	62,694.3	196,136	18,154.6	72,774	7,507.3	1,159,369	37,032.4	596,052	22,288.1
1946	1,161,882	76,020.9	182,794	23,636.8	74,299	7,701.1	904,789	44,683.0	651,446	28 8 6.3
1947	1,043,024	93,766.1	172,908	23,806.9	78,680	9,766.6	791,436	60,192.6	613,810	28,690.6

Calendar year	Great Lakes [2]: Total [3]		Lake Superior		Lake Michigan		Lake Huron		Lake Erie	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1885	99,842	2,691.9	8,826	291.5	23,518	878.8	11,457	276.4	51,457	1,109.1
1899	113,727	2,611.4	5,430	150.9	34,500	876.7	12,418	308.1	58,394	1,150.9
1908	106,631	3,768.0	10,198	342.0	40,019	1,554.0	12,932	486.0	41,922	1,280.0
1917	104,269	6,295.0	15,447	726.7	35,461	2,270.9	13,363	857.5	38,710	2,327.3
1927	81,327	6,794.9	15,302	918.1	23,681	2,354.8	15,711	1,444.4	23,796	1,831.3
1930	94,948	6,050.3	14,694	695.3	30,973	2,159.0	16,377	1,319.9	29,540	1,655.5
1935	90,223	5,944.9	17,874	940.6	25,089	1,942.6	13,676	1,224.1	30,357	1,643.6
1940	79,296	5,623.4	20,672	904.4	22,814	2,049.5	9,099	679.9	22,944	1,772.0
1944	75,688	10,948.2	19,245	2,246.4	19,252	4,341.9	6,432	831.7	28,837	3,320.0
1945	78,643	13,800.1	18,725	2,574.0	22,090	5,570.9	7,475	1,129.0	28,631	4,266.9
1946	78,334	11,677.9	17,848	2,218.9	22,392	3,907.4	7,147	842.2	29,121	4,489.2
1947	69,801	10,736.9	14,987	1,673.6	24,958	3,875.8	8,034	1,153.2	19,818	3,812.6

[1] Collected for most part by State fishery agencies and compiled by Fish and Wildlife Service since 1927.
[2] Includes, in addition to lakes shown, small amounts for Lake Ontario and also prior to 1927, Lake St. Clair and St. Clair and Detroit Rivers and beginning 1927, Lake-of-the-Woods, Namakan Lake, and Rainy Lake.

No. 823.—Fisheries—Quantity and Value of Catch, by Sections and States: 1880 to 1947—Continued

MISSISSIPPI RIVER AND TRIBUTARIES

CALENDAR YEAR	Total		TRIBUTARY	1922		1931	
	1,000 pounds	*1,000 dollars*		*1,000 pounds*	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*
1894	44,545	1,384.6	Arkansas	2,034	136.3	[4] 777	[4] 49.9
1899 [4]	96,797	1,781.0	Atchafalaya	4,579	254.7	9,231	523.1
1903 [4]	93,374	1,841.2	Cumberland	728	14.7	106	13.0
1908 [4]	148,284	3,125.0	Illinois [5]	12,661	617.3	5,985	159.7
1922	105,734	4,503.5	Missouri [5]	1,232	105.2	1,051	94.3
1931	82,382	2,897.3	Ohio River and minor tributaries	7,458	379.1	1,221	96.5
	Mississippi and minor tributaries		Red [5]	6,677	324.5	6,417	277.4
			St. Francis [5]	3,684	108.9	2,173	65.6
			Tennessee [5]	4,990	98.3	5,222	75.0
			Wabash [5]	12,063	357.8	8,388	152.0
1894	21,242	587.8	White (Missouri and Arkansas) [5]	14,662	405.9	12,363	256.7
1899	68,604	823.0	Yazoo	1,022	55.6	[5] 1,311	[5] 57.8
1903	53,851	1,157.4					
1922	33,945	1,645.3					
1931	28,139	1,076.3					

[4] Excluding Atchafalaya River. [5] Including tributaries.

No. 824.—Fisheries—Catch of Principal Species: 1931 to 1948

[**In thousands of pounds.** Includes Alaska]

GROUP AND SPECIES	1931	1939	1942	1943	1944	1945	1946	1947	1948 [1]
FISH									
Cod	112,303	124,347	73,456	71,643	(2)	153,027	103,200	72,382	58,000
Haddock	182,561	170,975	145,687	125,693	142,692	154,988	155,035	166,371	160,000
Herring, sea	169,574	262,810	145,779	154,545	(2)	236,919	283,911	320,622	364,000
Mackerel	61,645	113,503	103,628	134,308	(2)	112,390	105,956	105,281	(2)
Menhaden	230,398	575,480	474,821	615,554	685,980	778,464	851,129	987,981	1,008,000
Pilchard or sardine	300,204	1,240,975	974,680	986,563	1,135,582	849,971	530,994	272,236	373,000
Salmon	601,095	526,978	508,598	500,613	430,997	498,892	478,257	498,048	(2)
Tuna and tunalike	60,059	182,165	121,791	130,043	170,053	185,925	222,178	269,608	326,000
Rosefish	237	78,206	128,107	114,744	(1)	131,834	178,152	146,587	238,000
SHELLFISH									
Crabs	83,701	109,414	(2)	(2)	(2)	121,050	(2)	(2)	(2)
Shrimp	99,432	150,250	(2)	(2)	(2)	191,345	(2)	(2)	(2)
Oysters	101,036	93,006	(2)	(2)	(2)	75,655	(2)	(2)	(2)
Whale products	-------	5,159	806	496	99	----------	-------	820	(2)

[1] Preliminary.
[2] Complete data not available.

No. 825.—Fisheries—Disposition of Domestic Catch: 1943 to 1949

[Includes Alaska A large portion of waste derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in addition to whole fish used in manufacture of these products. About 600,000,000 pounds of waste were used in production of meal and oil each year shown. See also *Historical Statistics*, series F 155–159]

FORM MARKETED	ROUND WEIGHT OF CATCH (millions of pounds)						
	1943	1944	1945	1946	1947	1948 [1]	1949 [1]
Total	**4,202**	**4,500**	**4,576**	**4,456**	**4,374**	**4,575**	**4,750**
Fresh and frozen	1,547	1,585	1,847	1,711	1,575	1,668	1,611
Canned	1,150	1,225	1,230	1,220	1,384	1,459	1,626
Cured	105	110	110	115	100	100	95
Byproducts, bait, etc	1,400	1,580	1,389	1,410	1,315	1,348	1,418

[1] Preliminary.

Source of tables 823, 824, and 825: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 826.—Landings by Fishing Craft at Principal Atlantic Ports: 1942 to 1948

[See also *Historical Statistics*, series F 193, 195]

Port and year	Total, all species	Cod	Haddock	Hake	Pollock	Cusk	Whiting	Mackerel	Rosefish	Flounders	Miscellaneous
	Quantity (thousands of pounds)										
Boston:											
1942	194,687	35,410	100,199	1,730	10,613	1,866	11,400	14,130	9,949	7,338	2,052
1943	142,975	28,760	74,845	1,676	6,131	1,164	7,672	9,781	5,087	5,896	1,963
1944	153,123	43,108	73,692	1,669	6,983	877	5,295	14,274	2,033	4,163	1,029
1945	188,161	72,895	66,354	1,123	10,300	281	9,958	17,725	1,377	6,908	1,240
1946	158,595	35,722	71,473	2,263	13,077	411	6,776	14,139	5,219	8,047	1,468
1947	202,663	34,409	107,465	3,536	8,031	572	10,231	13,321	10,526	11,581	2,991
1948	199,980	34,710	105,308	3,462	17,684	1,077	11,428	3,473	11,383	9,153	2,302
Gloucester:											
1942	157,741	6,353	7,830	1,479	13,883	548	15,611	14,257	91,285	6,139	356
1943	170,099	11,428	14,939	2,254	9,928	503	13,431	26,919	83,992	4,211	2,494
1944	192,710	19,965	16,156	5,193	10,141	680	9,850	33,545	91,582	4,216	1,382
1945	213,498	25,797	21,786	11,544	15,792	773	16,830	11,890	102,038	4,830	2,218
1946	217,968	16,898	16,188	4,286	18,393	844	8,857	15,498	130,900	3,989	2,115
1947	163,713	8,276	12,692	2,524	5,569	487	9,126	24,011	95,357	2,115	3,556
1948	251,113	7,697	11,162	3,323	9,205	793	13,693	19,886	176,801	2,737	5,816
New Bedford:											
1942	57,884	2,956	4,787	56	83	1	17	3,346	54	0,874	5,759
1943	62,164	5,816	7,926	860	136	1	97	6,330	3	3,614	7,384
1944	74,936	8,211	22,466	2,174	223	(1)	135	6,196	72	7,580	7,944
1945	101,363	10,768	34,427	5,913	1,131	2	101	12,076	152	8,799	8,131
1946	90,324	11,568	33,020	323	1,394	2	8	2,252	195	31,364	10,198
1947	73,115	3,914	15,389	2,520	123	1	355	4,456	498	34,499	11,360
1948	77,572	6,330	11,410	4,345	380	3	60	1,683	350	40,958	12,053
Provincetown and Cape Cod:											
1945	43,418	3,615	4,420	537	685	85	19,243	4,262	53	5,905	4,613
1946	40,970	3,765	5,558	477	1,249	56	14,520	4,868	764	5,512	4,201
1947	34,566	3,006	3,251	536	534	52	14,422	2,580	216	5,183	4,786
1948	44,455	2,767	2,340	362	457	72	16,766	8,897	517	4,313	7,964
New York City:											
1942	26,945	2,118	7,136	224	94	(1)	673	471	17	10,443	5,769
1943	22,121	1,870	8,007	320	100	1	1,073	759	7	5,895	4,089
1944	19,143	1,505	7,467	173	94	------	226	365	-------	3,567	5,746
1945	16,596	1,006	7,788	232	142	------	227	91	-------	3,517	3,593
1946	18,015	1,486	7,530	109	149	(1)	98	375	-------	3,270	4,998
1947	10,778	740	4,111	108	58	------	31	210	-------	2,388	3,132
1948	13,998	802	1,773	77	81	-------	-------	58	-------	3,042	8,165
	Value (thousands of dollars)										
Boston:											
1942	12,548.7	2,100.1	6,910.3	135.3	644.2	119.0	584.8	870.1	359.7	484.2	341.0
1943	12,603.6	2,595.4	7,004.3	139.2	507.9	91.3	342.6	762.9	249.4	482.8	427.8
1944	10,685.4	2,983.9	5,634.5	112.7	381.1	56.6	215.4	799.7	84.0	296.6	120.9
1945	13,789.6	5,198.8	5,224.7	81.0	622.6	19.0	449.4	1,563.5	55.4	430.3	144.9
1946	13,725.3	2,785.4	7,392.9	156.6	564.2	25.3	304.5	1,108.6	237.7	667.5	482.5
1947	14,973.4	2,344.9	8,547.6	223.5	368.9	33.4	434.7	783.7	478.3	1,035.8	722.6
1948	16,182.5	2,680.7	9,765.8	246.6	794.1	62.5	501.8	256.8	497.6	907.3	469.3
Gloucester:											
1942	6,083.9	423.0	486.6	69.0	757.9	22.6	635.4	683.0	2,740.3	252.8	13.3
1943	9,046.5	990.8	1,300.9	153.3	551.7	33.6	562.5	1,616.9	3,399.0	298.3	139.5
1944	9,260.5	1,362.6	1,215.1	256.4	507.8	41.0	388.7	1,483.3	3,560.8	279.1	165.7
1945	11,183.9	1,813.3	1,744.5	401.8	832.8	46.5	742.5	925.2	3,956.8	311.5	409.0
1946	10,822.3	1,146.8	1,260.8	200.2	714.2	46.1	374.5	753.7	5,839.6	251.1	235.4
1947	7,636.0	433.9	881.0	93.4	205.3	17.7	371.8	1,121.3	4,199.7	114.4	197.5
1948	11,234.9	454.9	805.7	138.9	329.6	33.8	577.1	1,038.6	7,405.7	184.4	266.2
New Bedford:											
1942	4,552.8	212.7	352.1	1.6	5.0	(1)	.5	177.9	(1)	1,994.5	1,808.5
1943	5,979.9	452.6	628.9	32.1	8.8	(1)	3.5	566.8	-------	2,506.3	1,780.9
1944	6,281.1	576.7	1,682.4	53.2	11.3	(1)	4.9	313.1	(1)	2,026.4	1,613.1
1945	8,600.8	775.5	2,654.6	122.3	72.1	(1)	3.7	1,032.8	.6	2,302.0	1,637.2
1946	12,241.4	930.4	2,951.2	21.1	84.1	(1)	(1)	177.4	8.6	2,874.3	5,194.0
1947	10,417.3	279.7	1,155.3	37.0	4.7	(1)	7.2	198.7	14.5	3,347.5	5,372.8
1948	11,772.5	459.0	1,000.9	61.2	15.0	(1)	.9	127.9	14.3	4,605.3	5,488.0
Provincetown and Cape Cod:											
1945	2,294.6	260.5	320.1	34.7	30.8	5.0	525.0	284.3	2.1	430.8	401.3
1946	2,399.7	310.6	462.0	24.9	56.0	2.3	337.4	360.1	32.5	418.1	395.8
1947	2,432.2	235.5	251.9	22.0	24.3	1.4	335.0	159.9	7.9	449.9	944.3
1948	3,332.9	230.3	213.4	15.9	19.4	2.3	396.3	933.4	17.6	479.4	1,024.9

[1] Less than 500 pounds or $500.

Source: Department of Interior, Fish and Wildlife Service; annual bulletins.

No. 827.—Canned Fishery Products, Fish Meal, and Fish Oil—Production and Value: 1937 to 1948

[Includes Alaska]

YEAR	Canned		Scrap and meal		Oil (except vitamin)		Vitamin oil
	1,000 pounds	*1,000 dollars*	*Tons*	*1,000 dollars*	*1,000 gallons*	*1,000 dollars*	*1,000 dollars*
1937	717,270	105,175	219,942	7,566	31,391	12,695	2,204
1938	649,413	83,446	205,216	7,418	30,445	9,876	2,476
1939	688,277	96,628	226,102	9,094	29,069	8,601	4,472
1940	681,194	94,182	193,244	7,834	18,250	5,632	5,088
1941	885,962	138,684	236,844	13,096	22,016	11,893	14,872
1942	660,549	144,997	171,080	11,626	19,549	12,518	10,372
1943	620,880	141,189	190,403	13,629	22,264	14,971	14,842
1944	658,660	152,914	212,000	15,200	27,324	17,771	13,237
1945	646,386	152,801	200,675	14,405	23,698	16,034	11,202
1946	699,378	227,629	199,621	20,439	19,135	21,223	13,619
1947	754,133	310,680	186,440	22,380	15,900	20,107	11,643
1948	782,208	336,181	199,519	23,087	16,343	18,476	12,508

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 828.—Canned Fishery Products—Production and Value: 1933 to 1948

[Includes Alaska. See also *Historical Statistics*, Series F 200-209, for total fishery products, salmon, sardines, and tuna and tunalike fishes]

YEAR	Total	Salmon	SARDINES		Tuna and tuna like fishes	Mackerel	Shrimp	Clam products	Oysters	Other
			Maine	Calif.						
	Quantity (thousands of pounds)									
1933	518,996	305,398	19,912	69,275	31,976	33,686	24,201	10,239	5,222	19,087
1934	681,304	402,386	23,197	88,652	43,567	57,394	16,974	16,392	6,578	26,164
1935	647,642	289,339	33,614	108,902	55,691	81,550	18,230	16,674	7,513	36,129
1936	769,573	430,328	37,471	117,744	59,506	55,658	15,366	19,123	7,931	26,446
1937	717,270	362,642	34,109	126,560	69,522	37,837	21,523	19,577	10,634	34,866
1938	649,413	349,427	13,634	101,776	60,945	43,453	18,113	19,312	7,237	35,516
1939	688,277	287,621	44,872	139,864	79,695	40,023	20,651	24,515	9,080	41,956
1940	681,194	269,040	22,690	132,565	91,144	63,985	16,744	24,257	9,668	51,101
1941	885,962	375,918	63,565	225,322	61,563	42,075	16,468	25,271	9,190	66,590
1942	660,549	280,080	55,219	168,508	52,500	32,454	14,450	21,331	7,326	28,681
1943	620,880	273,802	47,772	150,961	56,563	42,176	9,907	12,197	4,842	22,660
1944	658,660	246,655	61,627	164,291	70,185	55,128	8,425	13,661	3,830	34,858
1945	646,386	235,596	51,061	169,469	88,978	31,174	3,225	21,502	3,164	42,217
1946	699,378	221,554	61,315	133,973	93,888	43,297	7,832	40,493	5,472	91,554
1947	754,133	270,837	57,544	74,367	117,469	78,973	7,085	36,136	5,747	105,975
1948	782,208	231,598	62,135	119,437	139,682	57,654	8,383	32,795	4,999	125,525
	Value (thousands of dollars)									
1933	59,800	36,242	2,397	3,805	6,934	1,868	3,479	1,766	1,076	2,233
1934	80,021	45,818	3,315	5,481	10,010	3,245	4,403	2,713	1,871	3,165
1935	74,999	32,475	5,143	6,237	12,824	4,976	4,722	2,681	2,045	3,896
1936	94,564	50,061	5,740	7,302	14,715	3,543	4,672	2,976	2,181	3,374
1937	105,175	52,934	4,998	8,592	18,996	2,674	7,131	3,013	2,933	3,904
1938	83,446	42,366	2,367	7,102	15,184	2,896	4,872	3,190	1,886	3,583
1939	96,628	41,781	7,075	9,554	20,080	2,589	5,398	3,798	2,379	3,974
1940	94,182	38,050	3,736	8,975	23,728	4,101	4,318	3,778	2,527	4,969
1941	138,684	67,417	12,476	18,092	19,398	3,504	4,883	3,711	2,997	6,206
1942	144,997	61,974	11,692	15,510	30,742	3,693	7,347	3,791	3,599	6,649
1943	141,189	62,935	10,686	14,352	31,430	5,271	5,361	2,802	2,822	5,530
1944	152,914	56,383	14,224	15,226	40,836	7,034	4,855	3,821	2,283	8,252
1945	152,801	52,586	11,520	15,346	47,407	4,047	1,919	7,391	2,030	10,555
1946	227,629	70,161	19,549	19,896	59,136	7,575	8,429	11,145	5,249	26,489
1947	310,680	120,660	27,678	16,538	90,609	15,019	8,192	8,642	4,259	19,083
1948	336,181	120,537	26,922	21,893	112,612	9,851	7,791	8,330	4,778	23,467

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 829.—Fresh and Frozen Packaged Fish—Production, by Principal Species: 1932 to 1948

[Includes Alaska]

Year	Total	Cod	Flounders	Haddock	Rosefish	Whiting [1]	Other
	Quantity (thousands of pounds)						
1932 [2]	51,975	7,786	1,687	33,401	----------	----------	9,101
1933	62,732	11,577	3,756	35,149	----------	----------	12,250
1934	80,106	15,239	4,648	36,666	[3] 550	----------	23,003
1935	107,494	17,747	6,166	46,484	4,320	----------	32,777
1936	113,356	17,896	5,850	41,187	15,521	----------	32,902
1937	116,992	22,507	7,870	40,241	15,509	----------	30,865
1938	129,976	21,189	8,115	41,453	19,152	7,603	32,464
1939	137,268	19,401	10,645	38,432	25,003	12,421	31,366
1940	129,420	14,541	11,245	36,747	22,997	13,256	30,634
1941	182,951	16,790	20,455	46,912	41,817	24,019	32,958
1942 [4]	173,362	12,930	24,869	41,875	37,680	24,583	31,425
1943 [4]	158,639	13,714	24,517	32,219	31,012	22,315	34,862
1944 [4]	172,294	22,083	18,073	38,403	34,531	18,510	40,694
1945 [4]	204,927	28,864	19,961	44,197	35,456	29,959	46,490
1946 [4]	188,572	18,109	21,900	42,441	49,507	22,129	34,486
1947 [4]	183,800	14,032	20,664	43,205	46,976	28,042	30,881
1948 [4]	189,297	13,879	23,466	42,219	67,696	5,122	36,915
	Value (thousands of dollars)						
1932 [2]	5,742	857	266	3,357	----------	----------	1,262
1933	6,967	1,242	568	3,457	----------	----------	1,700
1934	9,001	1,677	722	3,801	[3] 55	----------	2,746
1935	11,202	1,751	973	4,427	440	----------	3,611
1936	12,147	1,895	906	4,266	1,514	----------	3,566
1937	12,861	2,262	1,287	4,162	1,495	----------	3,655
1938	12,315	2,025	1,253	3,428	1,568	362	3,679
1939	14,028	1,930	1,432	3,783	2,544	562	3,777
1940	14,345	1,760	1,542	4,479	2,272	561	3,731
1941	23,930	2,435	3,171	6,848	4,808	1,484	5,184
1942 [4]	33,991	2,778	5,867	9,661	6,907	2,240	6,538
1943 [4]	37,589	3,516	7,299	9,091	6,952	2,194	8,537
1944 [4]	40,820	5,461	5,423	10,597	7,745	1,955	9,639
1945 [4]	48,371	7,452	6,086	12,349	7,673	3,098	11,713
1946 [4]	46,302	4,741	6,877	12,987	11,710	2,168	7,819
1947 [4]	44,272	3,458	7,027	12,094	10,912	2,662	8,119
1948 [4]	47,642	3,490	8,102	11,853	14,408	784	9,005

[1] Data incomplete for years prior to 1938. [2] Excludes California production. [3] Estimated.
[4] Excludes California production. In 1941, yield of packaged fish in California totaled 5,384,000 pounds, valued at $1,032,000 of which 1,380,000 pounds were flounders, valued at $226,000.

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins.

No. 830.—Frozen Fishery Products—Production: 1940 to 1949

[**In thousands of pounds.** Includes Alaska. Through 1942 for month ending on 15th, thereafter for calendar month. For cold storage holdings, see table 784. See also *Historical Statistics*, Series F 199, for annual figures]

Month	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
Total	**196,155**	**246,588**	**247,165**	**246,053**	**266,537**	**286,001**	**280,065**	**246,625**	**291,988**	**285,822**
January	8,849	8,077	8,740	6,740	9,021	4,925	6,228	4,394	6,384	7,435
February	6,895	7,604	6,559	6,792	8,813	4,191	6,231	3,439	7,927	6,914
March	6,324	5,838	7,018	9,150	11,262	6,890	11,077	8,225	14,365	11,873
April	5,664	8,568	10,376	9,958	17,375	12,962	12,504	11,711	15,227	16,484
May	11,772	18,910	22,669	22,220	32,640	27,630	34,375	25,188	38,088	37,775
June	23,200	25,698	25,459	36,025	34,849	39,392	38,203	30,039	40,920	38,910
July	25,064	30,819	34,038	34,438	40,573	42,856	43,269	33,280	40,351	34,469
August	24,616	34,208	35,634	34,766	32,602	45,623	37,940	39,809	34,598	40,046
September	23,707	28,562	28,564	26,913	28,004	33,257	27,372	27,730	29,112	33,095
October	21,558	27,226	26,281	18,806	23,733	27,472	29,983	29,625	27,113	24,308
November	22,190	29,482	22,701	24,948	18,104	26,212	20,308	16,848	22,379	21,336
December	16,316	21,596	19,126	15,297	9,561	14,591	12,575	16,337	15,524	13,177

Source: Department of the Interior, Fish and Wildlife Service; current and annual bulletins.

No. 831.—Fishery Products—Imports and Exports: 1938 to 1948

Year	Imports				Exports			
	Total	Edible products		Non-edible	Total	Edible products		Non-edible
	1,000 dollars	*1,000 pounds*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 pounds*	*1,000 dollars*	*1,000 dollars*
1938	39,307	302,624	28,349	10,958	14,415	118,029	13,798	617
1939	45,999	346,240	32,404	13,595	14,207	124,974	13,580	627
1940	41,830	302,518	29,073	12,757	17,785	144,804	17,115	670
1941	40,981	305,875	28,040	12,941	22,008	215,990	21,479	529
1942	39,629	277,199	28,984	10,645	31,989	167,080	27,875	4,114
1943	67,231	324,389	43,669	23,562	48,586	239,260	43,244	5,342
1944	78,519	339,431	53,431	25,088	36,033	112,230	31,929	4,104
1945	101,251	404,768	76,434	24,817	38,558	136,013	30,903	7,655
1946 (preliminary)	129,615	473,366	89,961	39,654	68,224	205,941	39,629	28,595
1947	do	109,972	407,636	83,275	26,697	81,543	211,631	50,318	31,225
1948	do	156,491	473,228	111,599	44,892	53,637	99,712	22,844	30,793

Source: Department of the Interior, Fish and Wildlife Service, compiled from data furnished by Department of Commerce, Bureau of the Census.

No. 832.—Fish Propagation by Fish and Wildlife Service—Output of Eggs, Fry, and Fingerlings, 1895 to 1948, and by Species, 1948

[All quantities in thousands]

Year ending June 30—	Total	Eggs	Fry	Fingerlings	Cost per million [1]
1895	619,916	55,408	561,894	2,613	$292.64
1900	1,164,337	88,682	1,070,757	4,898	250.00
1915	4,288,758	536,260	3,694,282	58,216	131.55
1920	4,770,356	630,749	3,872,218	267,388	130.11
1925	5,301,862	1,050,393	4,114,514	136,954	135.61
1930	7,570,482	2,553,481	4,766,831	250,170	120.50
1935	5,071,725	3,381,794	1,556,246	133,683	117.22
1940	7,407,247	5,826,059	1,498,157	83,031	134.87
1944 (Dec. 31)	5,740,180	3,393,619	2,267,662	78,899	196.38
1945 (Dec. 31)	5,454,558	3,176,357	2,203,672	74,529	214.15
1946 (Dec. 31)	4,661,303	2,899,242	1,674,515	87,546	319.42
1947 (Dec. 31)	2,656,094	1,346,401	1,218,249	91,444	594.01
1948	1,763,226	1,029,894	653,636	79,696	845.16

Group	1948			Group	1948		
	Eggs	Fry	Fingerlings or larger		Eggs	Fry	Fingerlings or larger
Catfish (bullheads)			843	Brook trout	13,144	304	4,001
Channel catfish		161	276	Grayling	4,055		2
Catfish (yellow)			7	Northern pike	2,910	6,270	
Buffalofish	168,000		12	Walleyed pike		5,780	
Shad		5,414		Crappie (black)			153
Atlantic salmon	5		179	Crappie (white)			35
Chinook salmon	11,233	21,077	17,391	Largemouth black bass		1,287	6,856
Chum salmon	705	9,058		Smallmouth black bass		1,160	178
Landlocked salmon			16	Rock bass			2
Silver salmon	10		604	Bluegill sunfish			33,371
Sockeye salmon	625		2,902	Green sunfish			77
Steelhead trout			205	Red-eared sunfish			23
Rainbow trout	9,602		8,255	Yellow perch			70
Cut-throat trout	16,268	1,380	2,091	Flounder		600,400	
Lock Laven trout or brown trout	2,148		1,830	Pollock	801,190		
Lake trout			313	Lobster		1,345	
				Terrapin			1

[1] Includes all expenditures chargeable to fish culture and distribution and salaries of all employees in fish-cultural field services and administrative and clerical force.

Source: Department of the Interior, Fish and Wildlife Service; annual bulletins and reports.

28. Mining and Mineral Products

This section summarizes the principal statistics relating to the mineral industries and mineral products. It includes not only the crude and prepared minerals associated with the mineral extraction, but also some of the finished products manufactured from minerals. Statistics relating to the manufacture of mineral products are also included in section 30, Manufactures. Additional information relating to the mineral industries and mineral products appear also in other sections of this *Abstract* such as the section on labor force, prices, foreign commerce, and others.

Most of the statistics in this section are from the Bureau of Mines and the Bureau of the Census, with additional material from other Government agencies such as the Bureau of Labor Statistics, Bureau of the Mint, and the Interstate Commerce Commission and from non-Government sources such as the *Engineering and Mining Journal, American Metal Market, the Iron Age*, and the American Gas Association. Data in this section cover the following areas unless otherwise indicated: Bureau of Mines production statistics, continental United States, and, for leading products, outlying areas; Bureau of Census statistics, continental United States; foreign trade statistics, the United States customs area, which includes Alaska, Hawaii, Puerto Rico, and for 1935 to 1939, the Virgin Islands.

Mineral statistics, with principal emphasis on commodity detail, have been collected annually or at more frequent intervals by the United States Geological Survey or by the Bureau of Mines since 1880. The principal statistics have been published annually through 1931 in *Mineral Resources of the United States* and thereafter in the *Minerals Yearbook*. Data available from Bureau of Mines publications include quantities and values of minerals produced, sold or used by producers, or shipped; quantities of minerals stocked; crude materials treated and prepared minerals recovered, by method of treatment; and mineral content of materials produced. Data on production are sometimes available by method of extraction. Shipments or sales of products are classified in many cases by grade, by end use, or by State of destination. The Bureau of Mines also collects and publishes separate data on employment and accidents. The number of workers and man-days or man-hours worked, as measures of exposure to accidents, are tabulated only for broad industry groups.

Censuses of mineral industries have been taken approximately every 10 years since 1840. The statistics are collected and published in the Census volumes in such a manner as to relate the statistics on the production of the various minerals as nearly as possible to data on employment, principal expenses, fuels and power consumed, and other information available only for each establishment as a whole. Each establishment is classified according to its most valuable product. The data are also collected and compiled in a manner to permit integration with other Census statistics such as for manufactures and wholesale and retail trade. Data are available on the number of operations, quantity and value of products, number of persons engaged (sometimes by department or type of work), principal expenses (wages, salaries, cost of supplies and materials, fuel, purchased electric energy, and work done on contract), horsepower of power equipment, and sometimes other items, such as man-hours, cost of buildings, machinery and equipment, number and type of power-loading machines, cost of drilling oil and gas wells, development work, and capital invested. Commodity statistics on many of the manufactured mineral products are also collected by the Bureau of the Census at monthly, quarterly, or annual intervals.

To avoid misinterpretation, it should be noted that the Census of Mineral Industries statistics in table 837 relate to operations primarily engaged in extracting minerals and in such primary mineral-preparation activities (crushing, screening, washing, flotation, etc.) as are needed to render the minerals marketable. Many of the statistics collected by the Bureau of Mines represent products of operations beyond the limits covered by the Census of Mineral Industries. Value totals based on Bureau of Mines publications, as shown in tables 833 and 836, are not comparable with the Census value totals, as shown in table 837. Census values represent crude or prepared minerals f. o. b. the mine, well, or mineral-preparation plant. Bureau of Mines value totals include for most metallic products the value of ingot metal rather than the value of ores and concentrates and the value of such manufactured products as cement and lime rather than the value of the limestone used in producing them.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series G 1–5") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 833.—Mineral Products of the United States—Value, for Metallic and Nonmetallic: 1881 to 1948

[**All figures in millions of dollars.** See general note, p. 687. See also *Historical Statistics*, series G 1–5]

YEARLY AVERAGE OR YEAR	Total	Metallic	NONMETALLIC			YEAR	Total	Metallic	NONMETALLIC		
			Total	Fuels[1]	Other				Total	Fuels[1]	Other
1881–1885	426	194	232	171	61	1930	4,765	986	3,779	2,765	1,015
1886–1890	541	249	292	215	78	1931	3,167	570	2,597	1,892	704
1891–1895	592	245	347	248	99	1932	2,462	286	2,176	1,743	432
1896–1900	828	366	462	307	154	1933	2,555	417	2,138	1,683	455
1901–1905	1,392	578	814	546	267	1934	3,325	549	2,776	2,233	543
1906–1910	1,887	769	1,118	746	372	1935	3,650	733	2,917	2,330	587
1911–1915	2,220	821	1,400	967	433	1936	4,557	1,082	3,475	2,759	716
1916–1920	5,129	1,798	3,331	2,602	729	1937	5,413	1,468	3,945	3,201	745
1921–1925	5,151	1,154	3,997	2,943	1,054	1938	4,363	893	3,471	2,820	650
1926–1930	5,556	1,276	4,280	3,088	1,192	1939	4,914	1,292	3,623	2,834	788
1931–1935	3,032	511	2,521	1,977	544	1940	5,614	1,679	3,935	3,117	819
1936–1940	4,972	1,283	3,690	2,946	744	1941	6,878	2,132	4,746	3,708	1,038
1941–1945	7,817	2,260	5,557	4,562	995	1942	7,576	2,364	5,212	4,103	1,109
1924	5,306	1,233	4,072	2,899	1,174	1943	8,072	2,488	5,584	4,608	976
1925	5,678	1,382	4,295	3,059	1,237	1944	8,417	2,340	6,077	5,178	899
1926	6,214	1,405	4,808	3,542	1,266	1945	8,141	1,975	6,166	5,212	954
1927	5,530	1,221	4,309	3,060	1,249	1946	8,896	1,825	7,071	5,760	1,311
1928	5,385	1,288	4,097	2,885	1,212	1947[2]	12,484	2,909	9,575	7,941	1,634
1929	5,888	1,480	4,407	3,191	1,217	1948[2]	15,670	3,510	12,160	10,266	1,894

[1] Coal, natural gas, natural gasoline and allied products, petroleum. [2] Preliminary.

Source. Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 834.—Nonferrous Metals—Yearly Average Prices, by Kind: 1896 to 1949

[**Prices are cents per pound, except quicksilver (dollars per flask) and platinum (dollars per ounce)**]

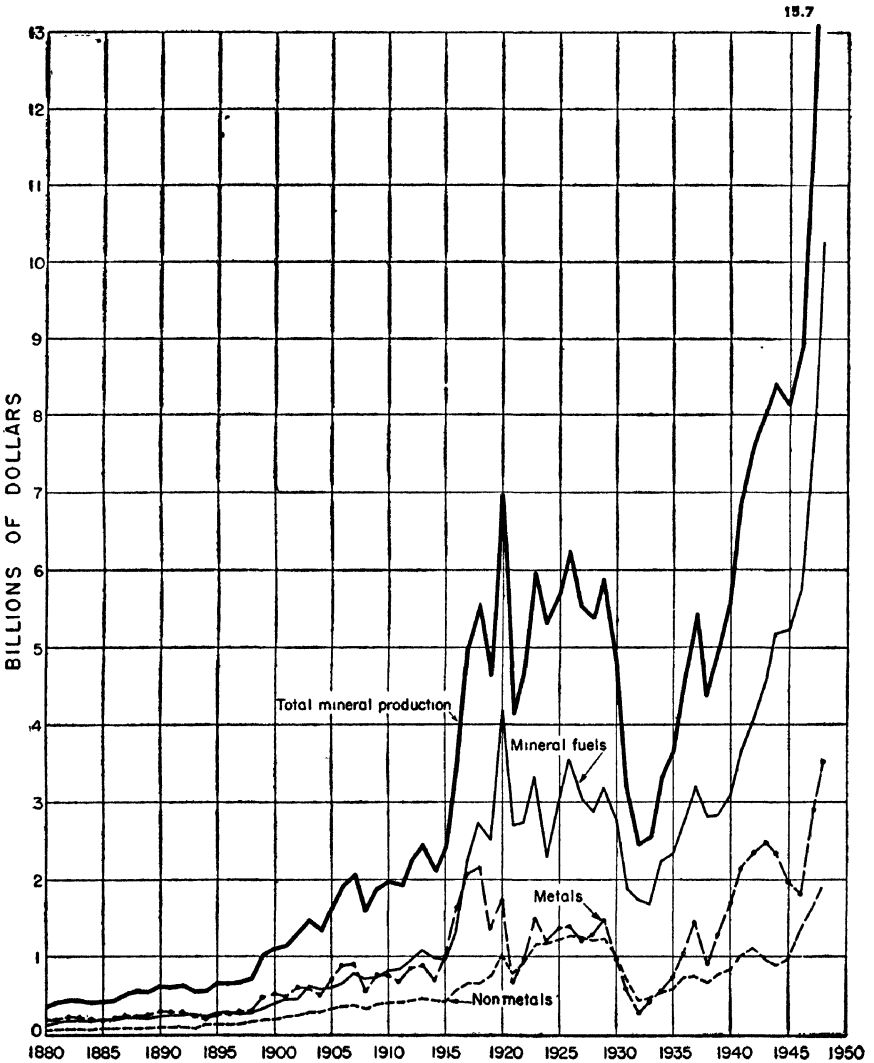
YEAR	Copper, electrolytic (New York)	Lead (New York)	Tin (New York)[1]	Zinc (St. Louis)	Aluminum, delivered[2]	Antimony (New York)	Quicksilver (New York)[3]	Platinum (New York)
1896–1900	[4] 13.41	3.84	19.54	[5] 4.55	37.15	8.204	42.17	[6] 16.66
1901–1905	13.877	4.330	28.19	[7] 5.284	33.80	7 398	43.17	19.55
1906–1910	15.642	4.780	34.26	5.432	31.12	11.885	44.12	26.58
1911–1915	14.973	4.359	41.10	7.205	23.84	12.373	52.77	45.16
1916–1920	23.031	7.355	[8] 54.43	8.783	42.14	15.063	105.71	103.54
1921–1925	13.474	6.933	42.64	6.189	23.88	9.331	64.76	105.42
1926–1930	14.475	6.765	51.38	6.135	24.80	11.062	114.15	77.90
1931–1935	7.555	3.843	37.64	3.806	22.40	8.271	70.07	34.75
1936–1940	10.980	5.138	48.39	5.495	20.12	13.261	105.28	41.05
1941–1945	11.77	6.355	52.01	8.095	15.37	15.433	165.97	35.42
1929	18.107	6.833	45.16	6.512	23.90	8.956	122.15	67.66
1930	12.982	5.517	31.69	4.556	23.79	7.667	115.01	45.36
1931	8.116	4.243	24.47	3.640	23.30	6.720	87.35	35.67
1932	5.555	3.180	21.98	2.876	23.30	5.592	57.93	36.46
1933	7.025	3.869	39.12	4.029	23.30	6.528	59.23	30.99
1934	8.428	3.860	52.23	4.158	21.58	8.901	73.87	36.47
1935	8.649	4.065	50.39	4.328	20.50	13.616	71.99	34.15
1936	9.474	4.710	46.42	4.901	20.50	12.240	79.92	42.93
1937	13.167	6.009	54.29	6.519	20.08	15.355	90.18	51.77
1938	10.000	4.739	42.28	4.610	20.00	12.349	75.47	35.90
1939	10.965	5.053	49.11	5.110	20.00	12.359	103.94	36.75
1940	11.296	5.179	49.84	6.335	20.00	14.000	176.87	37.92
1941	11.797	5.793	52.03	7.474	16.87	14.000	185.02	36.00
1942	11.78	6.481	52.00	8.250	15.00	15.559	196.35	36.00
1943	11.78	6.500	52.00	8.250	15.00	15.928	195.21	35.08
1944	11.75	6.500	52.00	8.250	15.00	15.839	118.36	35.00
1945	11.75	6.500	52.00	8.250	15.00	15.839	134.89	35.00
1946	[9] 14.04	8.109	54.54	8.726	15.00	17.306	98.24	57.20
1947	[9] 21.30	14.673	77.95	10.500	15.00	34.852	83.74	59.09
1948	[9] 22.33	18.043	99.25	13.589	15.73	38.168	76.49	86.25
1949	[9] 19.51	15.364	99.34	12.144	17.00	40.229	79.46	73.36

[1] 99 percent tin, 1896–1919; Straits tin thereafter.
[2] Prices 1896 to 1929 for pure aluminum (No. 1 virgin 98–99 percent); beginning 1930, for 99 percent+virgin ingot.
[3] Flasks of 75 pounds prior to 1927; 76 thereafter.
[4] Prices 1896 to 1898 are for Lake copper.
[5] Data are for New York zinc.
[6] Average for 1899 and 1900 only.
[7] Average, 1903–05; average for New York zinc 1901–05, 5.058 cents.
[8] Average for 4 years.
[9] Connecticut Valley.

Sources: Engineering and Mining Journal and The Mineral Industry; American Metal Market, annual reports; and The Iron Age, annual review issue.

FIGURE W.—VALUE OF MINERAL PRODUCTION: 1880 TO 1948

[See table 833]



Source: Department of th Interior, Bureau of Mines.

No. 835.—Mineral Production—Value, by States and for Alaska: 1943 to 1948

[Sum of State totals in table below does not agree with total for United States given in tables 833 and 836 chiefly because (1) figures for certain of products included in United States total are not available by States of origin; (2) use of iron ore values in State totals and pig iron values in United States total; (3) use of mine figures for gold, silver, copper, lead, and zinc in State totals and mint and smelter figures in United States total; (4) inclusion of estimates in United States total for a few products for which no canvass has been conducted for many years and for which no estimate by States is made; and (5) use of natural gas values *at wells* in State totals and values *at point of consumption* in United States total]

[In thousands of dollars]

DIVISION AND STATE	1943	1944	1945	1946	1947	1948
Continental United States	**6,005,167**	**6,372,364**	**6,251,281**	**7,067,214**	**9,815,340**	**12,430,927**
New England	**21,558**	**21,357**	**21,028**	**33,826**	**40,762**	**48,385**
Maine	2,720	2,150	2,521	4,389	6,049	8,482
New Hampshire	1,350	1,164	802	1,451	1,574	1,732
Vermont	6,404	7,672	8,249	12,096	14,818	16,132
Massachusetts	5,441	5,263	5,450	9,745	11,859	13,844
Rhode Island	808	612	508	561	785	1,450
Connecticut	4,835	4,496	3,498	5,584	5,677	6,745
Middle Atlantic	**987,275**	**1,080,322**	**1,033,177**	**1,211,093**	**1,444,674**	**1,614,579**
New York	84,410	84,286	88,678	103,571	130,667	156,140
New Jersey	37,583	33,828	31,267	33,518	44,245	51,092
Pennsylvania	865,282	962,208	913,232	1,074,004	1,269,762	1,407,347
East North Central	**739,367**	**756,807**	**748,754**	**849,369**	**1,076,567**	**1,262,048**
Ohio	170,726	174,582	179,682	221,356	291,960	328,228
Indiana	82,524	89,760	88,802	107,479	143,298	166,803
Illinois	320,077	329,147	330,184	358,628	436,770	523,422
Michigan	147,110	140,520	127,869	133,310	169,597	205,954
Wisconsin	18,930	22,798	22,217	28,596	34,942	37,641
West North Central	**471,111**	**451,255**	**449,742**	**505,395**	**670,899**	**833,119**
Minnesota	177,687	170,488	167,138	155,734	219,685	268,813
Iowa	24,187	22,452	25,008	35,957	38,951	45,129
Missouri	72,156	72,890	74,347	88,357	107,878	113,506
North Dakota	4,367	4,334	4,505	5,118	6,330	8,581
South Dakota	8,606	5,471	7,137	18,389	23,604	24,296
Nebraska	6,800	5,060	4,963	7,277	7,405	9,432
Kansas	177,308	170,560	166,644	194,563	267,045	363,362
South Atlantic	**676,760**	**717,651**	**699,591**	**793,099**	**1,141,494**	**1,332,026**
Delaware	367	182	131	491	613	717
Maryland	17,508	15,264	15,329	21,991	26,125	27,922
District of Columbia	100	111	229	710	746	835
Virginia	85,758	86,951	81,965	90,823	133,953	157,724
West Virginia	500,099	547,851	537,212	588,925	862,980	1,008,299
North Carolina	22,172	22,199	14,766	20,428	23,754	27,885
South Carolina	4,759	4,192	5,043	8,189	10,362	12,105
Georgia	20,927	19,005	19,988	30,449	37,037	42,662
Florida	25,070	21,896	24,928	31,093	45,924	53,877
East South Central	**398,309**	**442,553**	**441,321**	**497,290**	**745,820**	**904,734**
Kentucky	210,352	250,735	250,919	272,558	428,507	506,249
Tennessee	64,480	63,994	58,672	68,031	85,664	95,863
Alabama	102,584	109,149	110,360	123,029	162,663	182,987
Mississippi	20,893	18,675	21,370	33,672	68,986	119,635
West South Central	**1,433,114**	**1,641,401**	**1,674,581**	**1,916,152**	**2,807,966**	**4,029,266**
Arkansas	77,191	64,079	58,257	65,985	92,289	123,138
Louisiana	198,258	217,733	222,413	273,882	405,576	593,403
Oklahoma	221,631	225,833	243,314	263,282	355,750	503,654
Texas	936,034	1,133,756	1,150,597	1,313,003	1,954,351	2,809,071
Mountain	**750,535**	**708,662**	**627,109**	**623,860**	**971,622**	**1,156,727**
Montana	85,208	82,290	68,829	62,114	88,231	103,125
Idaho	57,475	51,321	44,348	44,444	66,941	79,330
Wyoming	64,925	68,034	74,620	78,745	117,594	172,818
Colorado	87,335	79,137	77,236	77,573	104,828	129,326
New Mexico	111,142	112,180	104,234	111,938	157,652	221,022
Arizona	124,584	115,592	98,574	118,086	186,767	201,244
Utah	163,341	148,308	127,961	95,506	206,970	204,752
Nevada	56,525	51,800	31,307	35,454	42,639	45,110
Pacific	**527,138**	**552,356**	**555,978**	**637,130**	**915,536**	**1,250,043**
Washington	37,593	36,483	31,301	33,029	39,924	50,498
Oregon	12,267	9,657	9,463	11,807	16,573	24,871
California	477,278	506,216	515,214	592,294	859,039	1,174,674
Alaska	9,055	6,903	10,174	12,426	18,458	13,201

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 836.—Mineral Products of the United States—Quantities and Values: 1930 to 1948

[**Short tons are 2,000 pounds; long tons, 2,240 pounds.** Data cover continental United States and, for leading products, outlying areas. Certain of the figures represent shipments rather than quantity mined, and some of the figures for 1948 are preliminary. Total values of metallic and nonmetallic products include figures which Bureau of Mines is not at liberty to publish and estimated figures for certain products for which data are not available. In some cases, neither quantity nor value can be shown and those products are not listed here but data for them are included in totals. On the other hand, values for certain products, such as coke, are excluded from totals to eliminate duplication, since values of products derived therefrom, or of raw materials used, are accounted for under other items. See also *Historical Statistics*, series G 1-5, 13-18, and 43-130]

PRODUCT	QUANTITY						VALUE (THOUSANDS OF DOLLARS)					
	1930	1935	1940	1945	1947	1948	1930	1935	1940	1945	1947	1948
Grand total (approximate)							**4,764,800**	**3,650,000**	**5,613,900**	**8,141,000**	**12,484,000**	**15,670,000**
Total metallic products (approximate)							**985,790**	**733,130**	**1,678,600**	**1,975,000**	**2,909,000**	**3,510,000**
Aluminum ..... 1,000 pounds	229,037	119,295	412,560	990,120	1,143,500	1,246,912	50,961	22,070	75,292	140,864	161,626	180,755
Antimonial lead [1] ..... short tons	13,711	[1] 16,384	[1] 29,752	[1] 56,495	[1] 86,075	[1] 100,764	1,393	(1)	(1)	(1)	(1)	(1)
Antimony, metal ..... do	[2] 1,685	[2] 2,134	(3)	(3)	(3)	(3)	[2] 258	(3)	(3)	(3)	(3)	(3)
Antimony, ore and concentrates ..... do		3,616	1,124	14,966	20,020	16,239		(4)	73	562	3,272	4,378
Bauxite ..... long tons	330,612	233,912	434,988	[5] 981,009	[5] 1,202,055	[5] 1,457,148	1,928	1,557	2,579	[5] 5,591	[5] 6,885	[5] 8,697
Beryllium ore ..... short tons	(4)	(4)	121	39	145	99	(4)	(4)	4	6	25	27
Cadmium:												
Metal ..... pounds	2,777,762	3,477,091	6,467,260	7,938,658	7,852,907	7,639,113	1,778	(4)	4,527	6,107	12,359	12,680
Compounds ..... do	(4)	(4)	205,900	451,050	500,859	192,696	(4)	(4)	144	347	788	320
Chromite ..... long tons	80	515	2,662	12,476	846	3,231	2	6	29	532	(4)	(4)
Copper (smelter output) [6] ..... short tons	697,195	381,294	909,084	782,726	862,872	842,477	181,271	63,295	205,453	[7] 184,723	[7] 360,680	[7] 365,635
Ferro-alloys ..... do	728,269	663,237	1,292,660	1,661,657	1,841,682	1,952,246	51,900	48,892	128,128	210,510	220,022	273,450
Gold [8] ..... 1,000 troy ounces	2,286	3,609	6,003	929	2,165	2,025	47,248	126,325	210,109	32,511	75,786	70,892
Iron, ore [9] ..... 1,000 long tons	55,201	33,426	75,198	88,137	93,315	100,822	145,619	83,035	189,087	243,761	320,865	394,461
Iron, pig ..... 1,000 short tons	33,494	23,719	46,959	53,265	58,368	60,051	512,165	358,145	840,442	1,172,435	1,770,659	2,232,122
Lead (refinery output) [6] ..... short tons	573,740	310,505	433,065	356,535	381,109	339,413	57,374	24,840	43,307	[7] 45,636	[7] 108,997	[7] 121,510
Magnesium (new ingot) ..... do	280	2,121	6,412	43,496	5,264	8,489	269	(4)	[10] 3,462	17,874	(4)	3,480
Manganese ore (35% or more Mn) ..... do	75,080	29,599	44,038	182,337	131,627	131,100	1,437	557	1,169	7,320	4,201	4,390
Manganiferous ore (5% to 35% Mn) ..... do	879,637	587,086	1,272,933	1,522,854	1,174,355	1,340,565	2,402	1,323	3,348	3,514	3,447	(4)
Mercury ..... flasks (76 pounds net)	21,553	17,518	37,777	30,763	23,244	14,388	2,479	1,261	6,682	4,150	1,946	1,101
Molybdenum ..... 1,000 pounds	3,759	10,892	25,329	33,683	22,190	29,669	2,068	7,261	17,189	23,976	15,178	20,418
Nickel ..... short tons	308	160	554	1,155	646	883	214	130	(4)	(4)	(4)	(4)
Ores (crude), old tailings, etc.:												
Copper ..... 1,000 short tons	47,382	19,103	69,278	76,856	87,633	84,120						
Lead-copper, zinc-copper, zinc-lead-copper ..... do	246	1	93	992	544	1,070						
Dry and siliceous (gold and silver) ..... do	7,767	14,016	18,700	1,984	4,235	4,202	(11)	(11)	(11)	(11)	(11)	(11)
Lead ..... do	8,080	3,494	6,144	6,730	6,165	5,866						
Zinc-lead ..... do	10,645	7,471	12,866	12,355	12,530	10,668						
Zinc ..... do	5,980	7,944	9,521	16,308	10,045	6,798						
Platinum, etc., value, N. Y. C ..... troy ounces	43,502	42,060	47,339	33,592	17,442	17,067	2,049	1,414	1,986	1,543	990	1,239
Selenium ..... pounds	278,309	232,831	368,709	604,445	489,415	570,718	455	(4)	(4)	(4)	(4)	(4)
Silver [12] ..... 1,000 troy ounces	50,748	45,924	69,586	29,063	38,587	39,228	19,538	33,008	49,483	20,667	34,923	35,504
Tantalum and columbium ores ..... pounds	5,100	7,681		6,649	3,259	500	3	5		14	9	(4)
Tellurium ..... do	4,717	22,610	88,996	60,328	71,300	78,788	8	(4)	(4)	(4)	(4)	(4)

Tin (metallic equivalent)	short tons	17	50	49	----	1	6	10	50	55	----	2	13
Titanium concentrates (ilmenite)	do	(4)	(4)	20,702	308,518	336,061	381,508	(4)	(4)	184	7,359	5,029	5,794
Titanium concentrates (rutile)	do	(4)	(4)	2,657	6,837	5,157	9,907	(4)	(4)	393	870	534	647
Tungsten ore (60 percent concentrates)	do	702	2,395	5,319	5,534	3,094	4,005	509	1,921	6,576	7,693	4,350	6,312
Vanadium	1,000 pounds	(4)	(4)	2,091	2,964	2,118	(4)	(4)	(4)	(4)	1,767	1,285	(4)
Zinc (smelter output)[6]	short tons	489,361	412,184	589,988	467,084	510,058	537,966	46,979	36,272	74,338	[7] 80,338	[7] 109,152	[7] 143,099
Total nonmetallic products (approximate)		----	----	----	----	----	----	**3,779,010**	**2,916,870**	**3,935,300**	**6,166,000**	**9,575,000**	**12,160,000**
Arsenious oxide	short tons	17,425	12,670	23,339	24,810	18,188	15,516	1,008	497	561	1,197	1,534	1,268
Asbestos	do	4,242	8,920	20,060	12,226	24,035	37,092	289	293	675	446	919	1,806
Asphalt, native	do	702,777	349,938	500,281	703,873	1,071,922	1,136,126	4,463	2,201	2,766	3,816	5,503	5,026
Asphalt, oil (including road oil) [8]	do	2,167,063	2,715,104	5,262,959	6,311,815	8,165,631	8,006,196	20,851	24,112	41,399	68,930	116,002	149,169
Barite (crude)	do	234,932	225,111	409,353	696,062	834,082	799,848	1,538	1,251	2,597	5,349	6,171	6,693
Boron minerals	do	177,360	272,967	243,355	325,935	501,935	450,932	5,352	5,382	5,643	7,635	11,844	11,148
Bromine	1,000 pounds	8,463	16,429	59,266	79,710	78,178	76,048	2,110	3,483	11,773	14,796	14,837	14,844
Calcium-magnesium chloride (75 percent $NaCl_2$)	short tons	116,160	83,546	99,536	218,320	271,206	301,936	2,208	1,039	998	1,818	2,650	3,903
Cement	1,000 bbl. (376 lb. net)	160,846	76,244	132,864	107,833	190,420	207,680	231,249	114,810	193,465	175,431	361,978	453,412
Clay products [13]		----	----	----	----	----	----	275,134	155,536	114,000	86,275	219,004	268,081
Clay, raw (sold by producers) [14]	1,000 short tons	3,963	2,923	4,701	18,628	33,270	37,386	[9] 12,521	[9] 10,824	18,162	39,795	69,613	80,074
Coal, bituminous [15]	do	467,526	372,373	[16] 460,772	577,617	630,624	594,000	795,483	658,063	[16] 879,327	1,768,204	2,622,635	2,941,417
Coal, Pennsylvania anthracite	do	69,385	52,159	51,485	54,934	57,190	57,140	354,574	210,131	205,490	323,944	413,019	467,052
Coke [9]	do	47,972	35,141	57,072	67,308	73,446	74,862	209,137	176,853	273,832	508,540	776,406	928,282
Emery	short tons	555	176	1,046	7,856	5,798	5,405	6	2	9	76	67	69
Feldspar (crude)	long tons	171,788	189,550	290,763	373,054	459,910	460,713	1,067	1,005	1,272	2,022	2,411	2,564
Fluorspar	short tons	95,849	123,741	233,600	323,961	329,484	331,749	1,747	1,861	4,745	9,897	10,955	11,227
Fuller's earth	do	335,644	227,745	146,568	296,368	329,068	342,081	4,327	2,230	1,471	3,404	4,661	5,274
Garnet for abrasive purposes	do	5,003	3,060	4,716	6,306	8,722	8,039	314	257	259	375	614	588
Graphite, amorphous	do	1,941	(4)	(4)	5,334	5,207	9,871	21	(4)	(4)	289	221	451
Graphite, crystalline	do	(4)	(4)	----				(4)	(4)	----			
Grindstones and pulpstones	do	18,700	14,587	3,323	(4)	10,696	7,954	771	505	496	(4)	482	405
Gypsum [17]	1,000 short tons	3,471	1,904	3,699	3,812	6,208	7,255	27,051	18,860	5,228	6,984	16,530	19,113
Helium [18]	M cu. ft.	9,806	10,218	9,451	128,441	63,199	67,487	140	114	85	937	541	642
Iodine	pounds	(4)	245,696	(4)	(4)	(4)	(4)	(4)	249	(4)	(4)	(4)	(4)
Kyanite	short tons	(4)	(4)	4,241	(4)	(4)	(4)	(4)	(4)	94	(4)	(4)	(4)
Lime	1,000 short tons	3,388	2,987	4,887	5,921	6,779	7,264	25,616	21,749	33,956	45,918	63,826	75,163
Lithium minerals	short tons	1,797	1,154	2,011	2,446	2,441	3,191	56	27	81	286	151	186
Magnesite (crude)	do	129,320	177,154	333,166	336,458	375,993	(4)	1,033	1,192	2,488	2,325	2,597	(4)
Magnesium compounds (MgO equivalent) [19]	1,000 pounds	73,255	109,602	216,532	539,612	311,426	331,600	1,071	1,287	2,453	9,675	9,529	11,467
Marl, calcareous	short tons	34,012	88,062	25,516	154,122	176,187	114,759	113	97	42	188	235	146
Marl, greensand	do	12,761	7,589	6,697	4,986	8,337	7,269	221	220	390	478	433	393
Mica, scrap [20]	do	6,732	18,852	22,386	41,060	49,797	52,157	109	244	315	812	1,096	1,092
Mica, sheet	1,000 pounds	1,465	937	1,625	1,299	416	270	177	161	292	737	116	46
Millstones		----	----	----	----	----	----	18	10	7	15	23	18

For footnotes, see p. 695.

No. 836.—MINERAL PRODUCTS OF THE UNITED STATES—QUANTITIES AND VALUES: 1930 TO 1948—Continued

PRODUCT	QUANTITY						VALUE (THOUSANDS OF DOLLARS)					
	1930	1935	1940	1945	1947	1948	1930	1935	1940	1945	1947	1948
Nonmetallic—continued												
Mineral pigments:												
Natural pigments and manufactured iron oxide pigments—short tons	(21)	(21)	(21)	101,014	115,367	111,317	(21)	(21)	(21)	8,825	11,167	10,957
Zinc and lead pigments [22]—do	147,948	137,972	164,775	194,448	242,230	218,399	18,420	13,828	19,334	26,556	46,508	49,411
Natural gas [23]—1,000,000 cu. ft	1,943,421	1,916,595	2,660,222	3,918,686	4,444,693	4,963,853	416,090	429,374	577,939	837,852	1,032,200	1,197,550
Natural gasoline and allied products:												
Natural gasoline and cycle products—1,000 gal	2,210,494	1,651,986	2,339,400	3,290,949	3,659,449	3,929,429	128,160	70,940	68,261	145,570	228,174	351,576
Liquefied petroleum gases—do	(24)	(24)	(24)	1,413,224	1,891,818	2,180,698	(24)	(24)	(24)	41,994	66,820	112,042
Oilstones, etc—short tons	651	439	(4)	(4)	(4)	(4)	137	106	(4)	(4)	(4)	(4)
Olivine—do	(4)	(4)	2,500	(4)	10,838	4,766	(4)	(4)	15	(4)	129	86
Peat—do	(25)	37,060	70,097	107,000	136,232	129,581	(25)	199	517	821	869	930
Petroleum—1,000 barrels (42 gal.)	898,011	996,596	1,353,214	1,713,655	1,856,987	2,016,282	1,070,200	961,440	1,385,440	2,094,250	3,577,890	5,196,034
Phosphate rock—1,000 long tons	3,926	3,042	4,003	5,807	9,027	8,669	13,997	10,952	12,335	23,951	46,639	50,502
Potassium salts (K_2O)—short tons	56,610	224,721	393,058	870,370	1,053,266	1,143,339	2,986	4,993	12,562	30,314	34,716	35,999
Pumice—do	56,843	60,000	82,407	157,011	442,552	607,746	336	247	450	1,051	2,022	2,502
Pyrites—long tons	347,512	514,192	626,640	722,596	940,652	928,531	1,029	1,583	1,920	2,700	4,070	3,960
Quartz—short tons	13,156	17,178	31,865	57,764	101,317	161,861	121	112	176	237	425	751
Salt—1,000 short tons	8,054	7,927	10,360	15,394	16,054	16,403	25,009	21,838	26,475	43,914	52,192	54,332
Sand and gravel:												
Sand, glass—do	1,849	2,126	2,760	4,682	5,321	4,542	3,211	3,735	4,882	8,374	11,395	10,771
Sand (molding, building, etc.) and gravel—1,000 short tons	195,203	121,798	235,548	190,842	282,338	314,724	111,966	58,242	105,806	120,463	205,474	241,727
Sand-lime brick—thousands	[13] 191,193	[13] 61,757	[13] 104,519	(13)	(13)	(13)	[13] 1,951	[13] 555	[13] 1,174	(13)	(13)	(13)
Slate—shorts tons	463,610	330,200	473,450	551,890	876,010	799,400	7,912	3,650	5,738	5,659	11,686	12,881
Sodium salts (carbonates and sulfates), natural—short tons	122,930	131,936	317,267	372,241	550,345	[26] 554,631	1,792	1,449	3,158	4,559	9,191	[26] 10,872
Stone—1,000 short tons	126,996	[27] 83,159	[27] 153,733	[27] 153,405	[27] 207,555	[27] 225,535	178,949	[27] 87,824	[27] 160,044	[27] 179,308	[27] 289,344	[27] 328,985
Sulfur (shipped)—1,000 long tons	1,990	1,635	2,559	3,833	4,828	4,979	35,800	29,300	40,900	61,300	85,200	89,600
Sulfuric acid, byproduct (basis, 100 percent) [28]—1,000 short tons	1,188	604	841	1,085	725	641	9,544	4,548	6,797	10,137	9,178	8,584
Talc, pyrophyllite, and soapstone [29]—short tons	179,385	172,716	281,375	398,384	516,094	518,746	2,108	1,848	3,008	5,407	7,682	8,265
Tripoli—do	32,439	27,375	30,212	18,247	34,578	26,845	508	383	367	307	751	706
Vermiculite—do	(4)	7,068	22,299	64,808	131,385	138,635	(4)	88	138	648	1,339	1,387

[1] From both domestic and foreign ores. Beginning 1935, data represent antimonial lead produced at primary refineries from both primary and secondary sources, and are not comparable with data for prior years; estimate of value of primary antimony and lead content of antimonial lead from domestic sources included in total value of metallic products.

[2] Content of antimonial lead. Value of the antimony in antimonial lead excluded from total value.

[3] Largely from foreign ore beginning 1935; value not included in total value.

[4] Figures not available or Bureau of Mines not at liberty to publish them; value included in total value of metallic or nonmetallic products.

[5] Represents dried bauxite equivalent.

[6] Product from domestic ores only.

[7] Value does not include premiums paid miners by the Government. Total premiums for copper, lead, and zinc amounted to approximately $79,000,000 in 1945, and $21,000,000 in 1947. In addition, exploration premiums totaling $6,214,000 were paid to miners from July 1, 1946, through Dec. 1, 1947, to encourage exploration and development of copper, lead, and zinc deposits.

[8] According to Bureau of the Mint; valued at $20.67+per ounce through 1930, at $35 per ounce in 1935 and subsequent years.

[9] Value not included in total value; see headnote.

[10] Value calculated at nominal price, 27 cents per pound.

[11] Figures not available. Value of products derived therefrom, or of raw materials used, is included elsewhere.

[12] According to Bureau of the Mint.

[13] Figures obtained through cooperation with Bureau of the Census; 1940 total for clay products is estimate based on figures issued by Bureau of the Census as somewhat incomplete. Subsequently, there was no canvass; total for clay products is estimate by Bureau of Mines; no estimate was made for sand-lime brick. Value of clay products excludes values of pottery and refractories for 1940 and subsequent years.

[14] Beginning 1945, sold or used—includes value of clay used in cement and heavy clay products which is not included in total value.

[15] Includes brown coal and lignite, and anthracite mined elsewhere than in Pennsylvania.

[16] Quantities as reported by Department of the Interior, National Bituminous Coal Division; values include selling expenses.

[17] Gypsum mined: For 1940 and subsequent years, value of crude at mine; for earlier years, value as sold (crude and calcined).

[18] Figures cover fiscal year ending June 30 of year stated.

[19] Beginning 1947 includes compounds from raw sea water, well brines, sea-water bitterns, brucite, and serpentine only. Data for earlier years not quite comparable in that they are on a gross-weight basis and include some compounds made from a combination of sea water and dolomite and of well brines and dolomite.

[20] Beginning 1935, includes mica recovered by grinding mica schist; excluded in prior years shown.

[21] Figures not available; value of iron ore sold for paint included in total value of nonmetallic products.

[22] Includes sublimed blue lead, sublimed white lead, leaded zinc oxide, and zinc oxide except that in 1947–48 data for sublimed blue and white lead are excluded but value is included in total value of nonmetallic products.

[23] Value at point of consumption. 1947–48 data estimated.

[24] Figures not available.

[25] No canvass. Estimate of value included in total value of nonmetallic products.

[26] Excludes production of sodium carbonate from Wyoming; values included in total value.

[27] Includes soapstone used as dimension stone. Beginning 1947, excludes limestone for cement and lime.

[28] From copper, lead and zinc smelters and zinc roasters and from roasting of high-sulfide gold and silver concentrates. 60° Baumé prior to 1947.

[29] For 1930 figures exclude soapstone. For 1935 and thereafter, figures cover talc, pyrophyllite, and ground soapstone. Dimension soapstone is included in stone. Value of soapstone in 1930 is included in total value of nonmetallic products; Bureau of Mines not at liberty to publish figures.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 837.—Mineral Industries—Summary for the United States: 1919, 1929, and 1939

[Statistics cover producing operations only. In general, those for 1939 cover only those operations (or concerns producing crude petroleum, natural gas, and natural gasoline, and rendering oil- and gas-field services) for which total value of all products, reported principal expenses, cost of buildings, machinery, and equipment during year, or cost of drilling and equipping wells during year amounted to $2,500 or more. For bituminous coal and lignite an output criterion of 1,000 tons of coal was substituted for value of all products. Statistics for common sand and gravel industry exclude data for operations that produce less than 15,000 tons of sand and gravel unless reported principal expenses or cost of buildings, machinery, and equipment during year amounted to $15,000 or more. Statistics for 1929 cover, in general, only those "enterprises" for which total value of all products or cost of development work amounted to $2,500 or more. Bituminous coal and lignite mines that produced less than 1,000 tons of coal and common sand and gravel operations that produced less than 25,000 tons of sand and gravel, were excluded. Statistics for 1919 exclude data for "enterprises" for which value of all products was less than $500 or cost of development work was less than $5,000. Noncommercial production of stone and sand and gravel obtained from mines or quarries operated by governmental agencies, public utilities, or by construction companies or contractors producing wholly for their own use or on contract for governmental agencies is excluded for all years. **For summary data from 1939 Census of Mineral Industries by type of mineral industry, see 1949 *Statistical Abstract*, table 854**]

ITEM	1939 (all industries)	COMPARATIVE STATISTICS FOR 1939 AND 1929		COMPARATIVE STATISTICS FOR 1939 AND 1919	
		1939 [1]	1929	1939 [2]	1919
Number of mines and quarries	13,395	12,736	11,602	10,888	13,844
Number of oil and gas wells producing December 31	347,645			347,645	257,673
Number of natural-gasoline plants	734			734	1,115
Value of all products [3] 1,000 dollars	3,221,927	1,721,771	2,392,831	3,089,904	3,122,559
Number of persons engaged, total	827,410	668,771	863,948	792,423	1,077,675
Wage earners (average for the year) [4]	736,150	616,614	806,418	705,872	981,560
Salaried employees [5]	77,019	44,124	52,633	73,238	74,197
Proprietors and firm members (not applicable to corporations) [6]	14,241	8,033	4,897	13,313	21,918
Performing manual labor	6,431	5,107	(7)	6,122	5,245
Principal expenses designated below, total 1,000 dollars	1,747,282	1,161,318	1,661,168	1,674,708	2,166,345
Wages [4] do	915,558	740,112	1,091,990	881,122	1,295,936
Salaries [5] do	189,355	103,807	137,639	180,372	149,329
Supplies and materials do	306,297	216,448	293,568	290,545	519,594
Fuel do	60,374	32,568	49,146	53,098	93,911
Purchased electric energy do	68,892	61,429	71,769	63,617	28,195
Contract work do	206,805	6,953	17,056	205,955	79,380
Cost of machinery and equipment installed during year [8] 1,000 dollars	261,475	60,334	84,508	253,688	(7)
Horsepower rating of power equipment, total [9]	13,045,784	8,754,546	7,514,843	12,112,357	[10] 6,723,786
Prime movers	7,149,168	3,332,089	2,743,025	6,653,204	5,111,531
Electric motors driven by purchased energy	5,896,616	5,422,457	4,771,818	5,459,153	[10] 1,612,255
Electric energy consumed, total 1,000 kilowatt-hours	8,371,670	7,396,870	7,462,790	(7)	(7)
Purchased do	6,301,497	5,627,091	5,382,178	(7)	(7)
Generated by reporting companies do	2,070,173	1,769,779	2,080,612	(7)	(7)

[1] Excludes statistics for common clay and shale, crude petroleum and natural gas, greensand, natural gasoline, peat, potash, and rock salt industries, for comparability with 1929.

[2] Excludes common clay and shale, common sand and gravel, glass-sand, foundry-sand, natural sodium compounds, peat, potash, and rock salt industries, and limestone mines and quarries operated in conjunction with cement and lime plants for comparability with 1919.

[3] Includes value of crude minerals produced, value added during year by preparation processes, receipts for services performed for other concerns, and value of electric energy generated and sold.

[4] Represents statistics for skilled and unskilled employees who perform manual labor, use tools, operate machines, handle materials, and care for property. Average numbers of wage earners were derived by adding numbers reported for each month and dividing sums by 12.

[5] Represents statistics for salaried employees at operations and at central and branch offices, including officers of corporations, managers, superintendents, and other supervisory personnel, responsible professional and technical employees, and clerical employees. Number of salaried employees represents number receiving pay on a representative or normal day or pay-roll period—for 1939, during normal pay-roll period ending nearest Oct. 14; for 1929, on Dec. 14 or on nearest representative day; for 1919, on Dec. 15 or on nearest representative day. Salaries represent total amount paid to salaried employees during calendar year.

[6] Represents statistics for proprietors and firm members at operations and at central and branch offices.

[7] Census statistics not available.

[8] For 1939 includes installation costs, which are excluded for 1929.

[9] Statistics for 1939 and 1929 refer to equipment in use or available for use at end of year.

[10] Includes equipment, with rating of 8,865 horsepower, operated by purchased power other than electric energy.

Source: Dept. of Commerce, Bureau of the Census; reports of Census of Mineral Industries, 1939, Vol. I.

No. 838.—Aluminum—Production, Exports, and Imports: 1913 to 1948

[See also *Historical Statistics*, series G 125-126, for earlier data on primary aluminum]

Year	Production						Imports [2]		Exports [2]	
	Quantity (1,000 pounds)			Value ($1,000)			Quantity (1,000 lb.)	Value ($1,000)	Quantity (1,000 lb.)	Value ($1,000)
	Total	Primary	Secondary	Total	Primary	Secondary [1]				
1913	56,587	47,279	9,308	11,649	9,450	2,199	25,095	4,388	----	----
1914	67,017	57,973	9,044	11,753	10,080	1,673	17,943	3,354	----	----
1915	107,504	90,504	17,000	22,082	16,280	5,802	9,294	1,766	----	----
1916	153,707	115,107	38,600	57,330	33,900	23,430	6,699	1,753	----	----
1917	162,061	129,861	32,200	62,594	45,882	16,712	89	35	----	----
1918	154,825	124,725	30,100	51.272	41,159	10,113	1,691	534	24,135	8,979
1919	165,859	128,477	37,382	50,573	38,558	12,015	13,852	4,531	5,020	1,745
1920	169,042	138,042	31,000	50,864	41,375	9,489	39,299	12,184	9,408	3,068
1921	72,332	54,532	17,800	14,681	10,906	3,775	32,559	7,628	2,196	801
1922	106,213	73,633	32,580	19,708	13,622	6,086	43,892	8,287	4,347	1,127
1923	171,258	128,658	42,600	39,130	28,305	10,825	42,477	8,317	5,540	1,518
1924	204,564	150,564	54,000	52,203	37,607	14,596	31,810	6,860	6,344	1,632
1925	228,116	140,116	88,000	61,246	36,430	24,816	41,997	9,806	12,642	3,366
1926	235,786	147,386	88,400	61,451	37,583	23,868	71,392	16,422	7,634	2,135
1927	256,007	163,607	92,400	62,736	39,266	23,470	62,575	13,317	14,523	3,479
1928	306,144	210,544	95,600	70,747	47,899	22,848	38,847	8,057	15,728	3,759
1929	324,773	227,973	96,800	74,999	51,864	23,135	50,881	9,935	17,032	4,150
1930	306,237	229,037	77,200	68,138	50,961	17,177	25,461	4,690	17,330	3,916
1931	238,145	177,545	60,600	50,010	37,284	12,726	14,833	2,540	4,701	986
1932	152,888	104,888	48,000	31,445	20,453	10,992	8,185	1,339	4,437	469
1933	152,125	85,125	67,000	31,517	16,174	15,343	15,247	2,746	5,708	600
1934	166,977	74,177	92,800	31,726	14,094	17,632	18,592	3,625	8,366	1,249
1935	222,095	119,295	102,800	41,088	22,070	19,018	21,291	3,694	3,970	694
1936	327,929	224,929	103,000	60,667	41,612	19,055	25,563	4,165	1,606	382
1937	417,801	292,681	125,120	79,382	55,609	23,773	45,178	6,883	5,384	1,261
1938	364,482	286,882	77,600	71,985	56,659	15,326	17,740	2,491	12,618	3,912
1939	434,984	327,090	107,894	85,909	64,600	21,309	28,673	3,385	74,216	20,892
1940	573,284	412,560	160,724	104,624	75,292	29,332	36,168	4,737	55,682	17,919
1941	831,848	618,134	213,714	135,102	100,395	34,707	26,826	3,619	14,924	4,793
1942	1,435,140	1,042,212	392,928	208,817	151,371	57,446	224,272	35,501	77,558	19,563
1943	2,468,280	1,840,358	627,922	355,926	265,380	90,546	271,644	41,303	235,276	59,093
1944	2,204,182	1,552,892	651,290	315,681	222,416	93,265	205,506	30,230	377,042	73,579
1945	1,586,894	990,120	596,774	226,161	140,864	85,297	678,570	98,285	13,406	3,116
1946	1,375,406	819,260	556,146	194,451	115,812	78,639	114,200	12,236	34,668	10,132
1947	1,833,174	1,143,500	689,674	259,077	161,626	97,451	62,658	6,300	126,242	33,188
1948	1,820,466	1,246,912	573,554	263,232	180,755	82,477	321,754	41,798	98,942	29,003

[1] Based upon average price of primary aluminum as reported to Bureau of Mines, or as quoted by the Engineering and Mining Journal and the American Metal Market.

[2] Includes aluminum and aluminum alloy ingots, scrap, plates, sheets, bars, etc.

Source: Department of Interior, Bureau of Mines; Minerals Yearbook.

No. 839.—Copper—Production, Exports, Imports, and Consumption: 1910 to 1948

[**In short tons (2,000 pounds).** Production figures for unrefined copper cover United States and Alaska. Output of copper from foreign crude materials also shown under refined copper production. Consumption as shown represents quantity withdrawn from total new supply on domestic account (apparent consumption) not actual consumption, largely because consumers' inventories are not taken into account. Over a period of years, however, apparent consumption data give a good indication of consumption trends]

ITEM	1910	1920	1930	1935	1940	1945	1947	1948
UNREFINED COPPER								
Copper ore produced (1,000 tons) [1]	28,497	36,765	47,382	19,112	69,278	77,473	87,865	84,729
Average copper yield, percent	1.88	1.63	1.43	1.89	1.20	.93	.90	.92
Smelter output from domestic ore	540,080	604,530	697,195	381,294	909,084	782,726	862,872	842,477
Mine production	544,119	612,275	705,074	380,491	878,086	772,894	847,563	834,813
Imports, unrefined: [2]								
Ore (copper content)	32,102	26,023	50,658	7,660	[3] 11,293	8,858	14,665	8,197
Concentrates (copper content)	10,511	23,399	28,435	30,198	[3] 71,574	48,632	71,193	81,103
Matte and regulus (copper content)		8,797	2,353	2,733	60,115	19,862	5,223	3,657
Unrefined, in bars, pigs, etc	[4] 129,605	122,348	280,235	197,975	278,212	243,101	167,378	155,836
REFINED COPPER PRODUCTION								
New copper (primary)	711,020	763,083	1,078,530	588,805	1,313,556	1,108,599	1,159,970	1,107,446
Domestic	535,947	591,212	695,612	338,321	927,239	775,738	909,213	860,022
Foreign	175,072	171,871	382,917	250,484	386,317	332,861	250,757	247,424
Secondary copper	94,500	312,460	467,200	448,900	532,046	1,006,516	961,741	972,788
From new scrap	30,000	143,500	125,000	87,200	198,156	509,421	458,365	467,324
From old scrap	64,500	168,960	342,200	361,700	333,890	497,095	503,376	505,464
REFINED COPPER CONSUMPTION								
New copper produced (refinery)	711,020	763,083	1,078,530	588,805	1,313,556	1,108,599	1,159,970	1,107,446
Refined copper imported [5]	(4)	54,372	43,105	18,071	68,337	531,367	149,482	249,124
Refined copper exported	[6] 354,158	275,613	334,626	275,006	377,108	[6] 48,563	[6] 147,642	[6] 142,598
Stocks, Dec. 31 (refined)	61,402	329,500	307,500	175,000	91,500	130,000	60,000	67,000
Withdrawn on domestic account:								
New refined copper	366,203	526,919	632,508	441,371	1,008,785	1,415,000	1,286,000	1,214,000
New and old copper	460,700	839,500	1,099,500	890,000	1,541,000	2,422,000	2,248,000	[7] 1,719,000

[1] Old tailings included beginning with 1930.
[2] For immediate consumption plus copper entering under bond.
[3] Ore from Philippine Islands included under concentrates.
[4] Imports of refined copper in ingots, bars, or other forms included in imports of unrefined.
[5] Includes small exports of unrefined black blister and converter copper (bars, pigs, etc.).
[6] Excludes refined copper in rods. [7] Old scrap only.

Source: Department of Interior, Bureau of Mines; Minerals Yearbook.

No. 840.—Copper—Mine Production, by States: 1910 to 1948

[**In short tons (2,000 pounds) of recoverable copper**]

STATE	1910	1920	1930	1935	1940	1945	1947	1948
Total	**544,119**	**612,275**	**705,074**	**380,491**	**878,086**	**772,894**	**847,563**	**834,813**
Alaska	2,121	35,218	16,326	7,750	55	5	12	16
Arizona	148,746	279,128	288,095	139,015	281,169	287,203	366,218	375,121
California	24,350	6,313	13,643	977	6,438	6,473	2,407	481
Colorado	4,180	2,022	5,257	7,327	12,152	1,485	2,150	2,298
Idaho	3,519	1,269	1,556	1,048	3,349	1,548	1,640	1,624
Michigan	111,342	77,348	84,691	32,054	45,198	30,401	24,184	27,777
Missouri		756	88	34	685	3,399	1,760	2,370
Montana	142,404	88,530	98,094	77,479	126,391	88,506	57,900	58,252
Nevada	32,180	25,280	54,602	37,133	78,454	52,595	49,603	45,242
New Mexico	2,307	27,200	32,575	2,253	69,848	56,571	60,205	74,687
Tennessee	8,419	8,364	(1)	(1)	[2] 12,732	[2] 12,385	[2] 12,686	[2] 14,248
Utah	63,799	58,466	90,263	64,758	231,864	226,376	266,533	227,007
Washington	43	992	603	43	9,612	5,821	2,240	5,665
Other States	710	1,390	19,282	10,620	139	126	25	25

[1] Included under "Other States."
[2] Includes North Carolina and Pennsylvania.
[3] Includes Pennsylvania and Vermont.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 841.—Copper—Smelter and Refinery Output: 1850 to 1948

[Quantities in short tons (2,000 pounds); values in thousand of dollars. Smelter output shown here represents production of unrefined copper from domestic (including Alaskan) ores. Figures on refinery output of copper from foreign crude materials (shown as imports in table 839) include copper from foreign materials smelted and refined or only refined in the United States. See also *Historical Statistics*, series G 112-113, for smelter output]

YEARLY AVERAGE OR YEAR	SMELTER OUTPUT FROM DOMESTIC ORE		YEAR	SMELTER OUTPUT FROM DOMESTIC ORE		REFINERY OUTPUT (QUANTITY)			
						New copper			Secondary copper
	Quantity	Value		Quantity	Value	Total	Domestic	Foreign	
1850	728	320	1925	837,435	237,832	1,102,287	841,448	260,839	420,210
1860	8,064	3,709	1926	869,811	243,547	1,161,243	865,649	295,594	479,800
1870	14,112	5,977	1927	842,020	220,609	1,162,882	859,476	303,406	490,200
1871-1875	17,136	8,895	1928	912,950	262,930	1,243,804	895,899	347,905	536,400
1876-1880	24,976	9,679	1929	1,001,432	352,504	1,370,056	991,366	378,690	626,550
1881-1885	58,867	17,236	1930	697,195	181,271	1,078,530	695,612	382,917	467,200
1886-1890	105,214	30,345	1931	521,356	94,887	750,721	537,303	213,418	347,000
1891-1895	169,328	37,266	1932	272,005	34,273	340,434	222,539	117,895	248,180
1896-1900	265,544	74,424	1933	225,000	28,800	370,789	240,669	130,120	338,100
1901-1905	366,095	103,859	1934	244,227	39,076	445,360	233,029	212,331	377,400
1906-1910	490,248	150,924	1935	381,294	63,295	588,805	338,321	250,484	448,900
1911-1915	610,313	185,592	1936	611,410	112,499	822,489	645,462	177,027	484,600
1916-1920	821,799	395,270	1937	834,661	201,988	1,066,814	822,253	244,561	532,100
1921-1925	619,999	171,275	1938	562,328	110,216	792,416	552,574	239,842	359,809
1926-1930	864,682	252,172	1939	712,675	148,236	1,009,515	704,873	304,642	499,700
1931-1935	328,776	52,066	1940	909,084	205,453	1,313,556	927,239	386,317	532,046
1936-1940	726,032	155,678	1941	966,072	227,993	1,395,309	975,408	419,901	726,396
1941-1945	986,621	232,843	1942	1,087,991	[1] 256,766	1,414,561	1,064,792	349,769	927,755
1919	643,210	239,274	1943	1,092,939	[1] 257,934	1,379,263	1,082,079	297,184	1,086,047
1920	604,531	222,467	1944	1,003,379	[1] 236,797	1,221,187	973,852	247,335	950,942
1921	252,793	65,221	1945	782,726	[1] 184,723	1,108,599	775,738	332,861	1,006,516
1922	475,143	128,289	1946	599,656	[1] 172,701	878,662	578,429	300,233	803,546
1923	717,500	210,945	1947	862,872	[1] 360,680	1,159,970	909,213	250,757	961,741
1924	817,125	214,087	1948	842,477	[1] 365,635	1,107,446	860,022	247,424	972,788

[1] Excludes premiums paid to miners by Government.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 842.—Copper—Exports and Imports: 1891 to 1949

[Exports are those classed as "domestic" in foreign trade statistics but include copper smelted or refined in United States from imported ore or unrefined metal. Values include all forms of copper; quantities represent all copper except the small item, "Other manufactures." Copper content of exports of ore for years 1891-1915 and of imports for years 1891-1903 was estimated]

[Quantities in short tons (2,000 pounds); values in thousands of dollars]

YEARLY AVERAGE OR YEAR	EXPORTS		IMPORTS [1]		YEAR	EXPORTS		IMPORTS [1]	
	Quantity	Value	Quantity	Value		Quantity	Value	Quantity	Value
1891-1895 [2]	65,586	14,392	5,477	896	1938	422,014	86,809	205,718	37,872
1896-1900 [2]	137,684	36,745	24,634	5,866	1939	427,579	97,185	230,669	44,230
1901-1905 [2]	190,451	54,942	83,237	22,611	1940	427,944	110,119	364,997	73,492
1906-1910 [2]	289,445	92,334	130,111	38,026	1941	158,906	47,690	720,708	141,789
1911-1915 [2]	416,840	123,655	176,635	46,129	1942	217,082	82,348	782,361	165,307
1916-1920 [2]	376,877	208,909	244,948	103,805	1943	296,016	108,719	736,464	156,514
1921-1925	438,337	129,761	298,975	77,811	1944	237,521	102,697	764,228	165,479
1926-1930	491,290	149,999	407,630	108,244	1945	132,592	55,212	896,239	194,672
1931-1935	246,658	39,920	211,116	29,662	1946	97,513	38,587	355,008	86,384
1936-1940	378,054	87,680	242,530	47,608	1947	197,114	102,489	452,822	175,829
1941-1945	208,423	79,333	780,000	164,752	1948	[4] 209,494	[4] 113,563	489,567	203,042
1937	350,317	93,626	227,479	52,562	1949	[4] 171,303	[4] 75,770	569,020	224,299

[1] Imports for consumption; general imports prior to 1933.
[2] Fiscal years ending June 30. [3] Average for period July 1, 1915, to Dec. 31, 1920.
[4] Effective January 1948, includes shipments under Army Civilian Supply Program.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the U. S., and records.

No. 848.—Gold and Silver—Production in Continental United States, Alaska, Puerto Rico, and Philippine Islands: 1792 to 1948

[Value of gold in terms of money, being at a fixed rate, is not shown in this table. Gold was valued at $20.67+ per fine troy ounce from 1837 until 1933. In 1933, however, various higher prices prevailed subsequently to Executive order of Aug. 29. Value of gold production for that year, as computed by Bureau of Mines, was $65,338,000, including $12,485,000 premium calculated at average weighted price ($25.56 per ounce). On Jan. 31, 1934, legal value of gold was fixed at $35 per fine ounce. Value given for silver is commercial value, except for 1921 to June 1923 and for 1934 and subsequent years (see footnotes 1 and 2), for which periods it has differed materially from coinage value. Excludes production of Philippine Islands after 1945. See also *Historical Statistics*, series G 118–121, for data excluding Puerto Rico and the Philippine Islands]

[Figures are totals for period or for year]

CALENDAR YEAR OR PERIOD	Gold (1,000 fine ounces)	Silver (1,000 fine ounces)	Silver, value (1,000 dollars)	CALENDAR YEAR	Gold (1,000 fine ounces)	Silver (1,000 fine ounces)	Silver, value (1,000 dollars)
1792–1847	1,187	310	405	1921	2,422	53,052	[1] 53,052
1848–1850	4,838	116	152	1922	2,363	56,240	[1] 56,240
1851–1855	14,271	194	259	1923	2,503	73,335	[1] 60,135
1856–1860	12,384	309	418	1924	2,529	65,407	43,823
1861–1865	10,716	28,811	38,674	1925	2,412	66,155	45,912
1866–1870	12,226	49,113	65,261	1926	2,335	62,719	39,136
1871–1875	8,826	121,083	156,270	1927	2,197	60,434	34,266
1876–1880	10,301	157,681	182,506	1928	2,233	58,463	34,201
1881–1885	7,730	182,841	202,807	1929	2,208	61,328	32,688
1886–1890	8,078	231,819	227,495	1930	2,286	50,748	19,538
1891–1895	9,107	287,057	227,960	1931	2,396	30,932	8,970
1896–1900	15,729	279,544	172,689	1932	2,449	23,981	6,763
1901–1905	19,394	278,798	159,543	1933	2,556	23,003	8,051
1906–1910	22,993	277,333	162,916	1934	3,091	32,725	[2] 21,156
1911–1915	22,968	338,384	189,626	1935	3,609	45,924	[2] 33,008
1916–1920	17,246	326,009	298,852	1936	4,357	63,812	[2] 49,423
1921–1925	12,229	314,190	[1] 259,162	1937	4,805	71,942	[2] 55,647
1926–1930	11,259	293,692	159,829	1938	5,090	62,665	[2] 40,511
1931–1935	14,102	156,565	[2] 77,948	1939	5,611	65,120	[2] 44,202
1936–1940	25,866	333,125	[2] 239,266	1940	6,003	69,586	[2] 49,483
1941–1945	13,064	234,041	[2] 166,430	1941	5,976	72,336	[2] 51,439
1912	4,521	63,767	39,198	1942	3,742	56,091	[2] 39,887
1913	4,300	66,802	40,348	1943	1,395	40,900	[2] 29,085
1914	4,573	72,455	40,068	1944	1,022	35,651	[2] 25,352
1915	4,888	74,961	37,397	1945	929	29,063	[2] 20,667
1916	4,479	74,415	48,953	1946	1,462	21,103	[3]
1917	4,051	71,740	59,078	1947	2,165	38,587	[2] 34,923
1918	3,321	67,810	66,485	1948	2,025	39,228	[2] 35,504
1919	2,919	56,682	63,534				
1920	2,476	55,362	60,802				

STATE OR OTHER AREA	GOLD (1,000 FINE OUNCES)					SILVER (1,000 FINE OUNCES)				
	1930	1940	1945	1947	1948	1930	1940	1945	1947	1948
Total	**2,286**	**6,003**	**929**	**2,165**	**2,025**	**50,748**	**69,586**	**29,063**	**38,587**	**39,228**
Alaska	407	757	60	320	221	392	173	9	72	56
Arizona	149	299	78	105	104	4,910	6,130	3,411	4,870	4,930
California	450	1,444	143	422	424	1,434	2,225	950	1,937	1,068
Colorado	218	369	102	175	161	4,852	9,378	2,407	2,967	3,156
Idaho	21	145	19	60	64	9,710	17,477	8,228	10,701	11,621
Michigan						11	90	20		1
Missouri								21	167	108
Montana	47	273	42	88	75	8,597	12,152	5,494	6,069	6,644
Nevada	140	380	91	105	119	4,179	5,102	1,156	2,106	1,950
New Mexico	32	39	13	10	9	1,160	1,576	654	617	604
Oregon	14	114	1	18	15	10	192	12	32	18
South Dakota	406	587	41	411	378	105	171	41	111	94
Texas	[4]	[4]		[4]	[4]	469	1,295	21	31	10
Utah	209	352	271	402	384	14,451	11,686	6,244	8,396	8,451
Washington	4	84	53	45	68	30	389	288	375	431
Philippine Islands	185	1,140	13	[5]	[5]	121	1,299	17	[5]	[5]
Other	3	20	2	3	3	317	251	90	136	86

[1] For 1921, 1922, and first half of 1923, price taken at figure of $1 per ounce fixed by Pittman Act.
[2] Value 1934–37 calculated on basis of average amount per ounce returned to depositors of newly-mined domestic silver: 1934, $0.64+ per fine ounce; 1935, $0.71875; 1936, $0.7745; 1937, $0.7735. Value thereafter calculated on basis of amount per fine ounce returned to depositors of newly-mined domestic silver produced: In 1938, $0.6464+; 1939, $0.6787+; July 1, 1939–46, $0.7111+; subsequent to July 1, 1946, $0.905.
[3] Not calculated. [4] Less than 500 ounces. [5] Excluded after 1945.

Source: Treasury Department, Bureau of the Mint; Annual Report of the Director.

No. 844.—Gold and Silver for Use in Manufactures and the Arts: 1880 to 1948

Yearly average or year	Gold ($1,000)[1]			Silver (1,000 fine ounces)		
	Total amount of material issued	Amount of old material returned from use	Net material issued	Total amount of material issued	Amount of old material returned from use	Net material issued
1880	10,105	1,294	8,811	2,794	204	2,500
1881–1885	12,568	1,863	10,706	4,155	315	3,840
1886–1890	16,041	4,029	12,012	5,662	676	4,986
1891–1895	16,508	5,060	11,448	7,997	951	7,046
1896–1900	16,965	4,067	12,899	10,214	1,200	9,014
1901–1905	28,496	6,778	21,718	19,526	3,002	16,524
1906–1910	38,149	7,708	30,441	24,553	3,669	20,884
1911–1915	40,588	9,967	30,621	30,444	6,928	23,516
1916–1920	61,864	22,033	39,831	31,214	9,126	22,089
1921–1925	59,596	29,275	30,321	36,805	8,189	28,616
1926–1930	55,197	30,450	24,747	38,461	10,325	28,137
1931–1935	21,288	41,389	[2] *20,101*	33,631	20,353	13,278
1936–1940	36,543	32,393	4,150	52,481	21,249	31,232
1941–1945	100,699	25,323	75,376	149,455	41,794	107,662
1940	41,178	27,872	13,306	67,063	22,564	44,499
1941	67,977	30,975	37,002	92,794	20,285	72,509
1942	75,742	28,448	47,295	131,419	30,021	101,399
1943	96,864	10,521	86,343	162,113	44,113	118,000
1944	122,977	25,679	97,298	176,289	56,189	120,100
1945	139,936	30,992	108,944	184,661	58,361	126,300
1946	199,687	46,000	153,687	123,647	36,647	87,000
1947	98,130	49,230	48,900	126,366	27,866	98,500
1948	90,129	45,143	44,986	129,186	23,897	105,289

[1] Value prior to 1934 calculated on basis of $20.67+ per fine ounce; in 1934 and thereafter, $35.00 per fine ounce.
[2] Amount of old material returned from use exceeds total amount of material issued.

Source: Treasury Department, Bureau of the Mint; Annual Report of the Director.

No. 845.—Iron Ore—Production, Shipments, Exports, and Imports, 1881 to 1948, and Production, by District and Kind, 1944 to 1948

[In thousands of long tons (2,240 pounds). Nearly all exports are to Canada. Since 1905, excludes ore containing 5 percent or more of manganese. See also *Historical Statistics*, series G 93–95, for production and shipments]

Yearly average or year	Production	Shipments[1]	Exports	Imports
1881–1890	10,385	(2)	(2)	766
1891–1900	17,551	(2)	(2)	587
1901–1910	41,339	(2)	271	1,180
1911–1915	51,595	50,592	953	1,841
1916–1920	69,737	70,224	1,143	967
1921–1925	52,429	52,617	677	1,691
1926–1930	64,600	64,952	1,021	2,709
1931–1935	22,732	23,538	389	1,166
1936–1940	54,951	56,054	989	2,338
1941–1945	96,336	96,356	2,214	1,023
1937	72,004	72,348	1,264	2,442
1938	28,447	26,431	592	2,122
1939	51,732	54,827	1,057	2,413
1940	73,696	75,198	1,386	2,479
1941	92,410	93,054	1,908	2,321
1942	105,526	105,989	2,515	731
1943	101,248	99,463	2,425	399
1944	94,118	95,136	2,158	464
1945	88,376	88,137	2,063	1,198
1946	70,843	70,090	1,506	2,754
1947	93,092	93,315	2,807	4,903
1948	101,003	100,822	3,081	6,109

Production	1944	1945	1946	1947	1948
DISTRICT					
Lake Superior	79,111	74,821	59,042	76,532	82,630
Southeastern	7,122	6,330	6,247	7,527	8,365
Northeastern	3,849	3,620	2,596	3,987	4,423
Western	3,442	3,088	2,451	4,503	5,105
Undistributed (by-product ore)	593	517	507	543	480
KIND					
Hematite	86,727	81,295	65,728	84,535	90,686
Brown ore	1,219	943	686	1,201	2,176
Magnetite	5,579	5,621	3,921	6,812	7,661
Carbonate	1	1	1	-------	-------
Byproduct material (pyrites cinder and sinter)	593	517	507	543	480

[1] Excludes ore sold for paint.
[2] Not available.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 846.—Lead—Production of Refined Primary and Secondary Lead, 1830 to 1948, and by Class and Source, 1880 to 1948

[Production in short tons (2,000 pounds); values, except price per pound, in thousands of dollars. Figures, except those for antimonial and secondary lead, relate to new (primary) lead only; totals include lead derived from both domestic (including Alaska) and foreign ore. General production figures and production of desilverized lead exclude lead content of antimonial lead, shown in next to lastcolumn. See also *Historical Statistics*, series G 114–115, for data on production and value excluding foreign base bullion]

YEAR	Production	Value	YEAR	Production	Value	YEAR	Production	Value
1830	8,000	608	1900	367,773	32,364	1940	533,179	53,318
1840	17,000	1,666	1905	388,307	36,501	1942	566,839	71,422
1850	22,000	2,112	1910	470,272	41,384	1943	469,612	60,110
1860	15,600	1,778	1915	550,055	51,705	1944	464,763	59,490
1870	17,830	2,247	1920	529,657	84,745	1945	443,585	56,780
1880	95,725	9,573	1925	766,969	133,453	1946	338,197	56,820
1890	157,844	14,206	1930	643,033	64,303	1947	441,010	126,130
1895	235,822	15,093	1935	324,560	25,965	1948	406,694	145,600

YEAR	CLASS		SOURCE			Average value per pound	Antimonial lead, at primary refineries	Secondary lead recovered, total
	Desilverized [1] [2]	Soft undesilverized [2]	Domestic ores and bullion [3]	Foreign ores	Foreign base bullion			
1880	68,035	27,690	95,725			$0.050	(4)	
1890	126,493	31,351	139,720	18,124		.045	(4)	
1900	319,752	48,021	260,918	106,855		.044	(4)	
1910	328,954	141,318	375,402	18,065	76,805	.044	(4)	55,422
1920	339,803	189,854	476,849	8,414	44,394	.080	(4)	124,650
1930	441,672	201,361	573,740	34,348	34,945	.050	24,797	255,800
1935	227,777	96,783	310,505	13,659	396	.040	16,384	270,400
1940	379,856	153,323	433,065	83,563	16,551	.050	29,762	260,346
1942	(4)	(4)	467,367	81,485	17,987	.063	51,762	323,001
1943	(4)	(4)	406,544	62,936	132	.064	63,515	342,094
1944	(4)	(4)	394,443	70,225	95	.064	57,902	331,416
1945	(4)	(4)	356,535	86,932	118	.064	56,495	363,039
1946	(4)	(4)	293,309	44,790	98	.084	50,480	392,787
1947	(4)	(4)	381,109	59,838	63	.143	86,075	511,970
1948	(4)	(4)	339,413	60,829	6,452	.179	100,764	500,071

[1] Desilverized soft lead is included.
[2] Soft lead, both desilverized and undesilverized, includes lead derived from Missouri ores and other nonargentiferous ores.
[3] Excludes lead content of antimonial lead.
[4] Not available.

No. 847.—Lead, Recoverable—Mine Production, by States and for Alaska: 1920 to 1948

[In short tons (2,000 pounds)]

STATE	1920	1925	1930	1935	1940	1945	1946	1947	1948
Total	**496,814**	**684,439**	**558,313**	**331,103**	**457,392**	**390,831**	**335,475**	**384,221**	**390,476**
Western States and Alaska	**248,131**	**364,387**	**312,413**	**193,439**	**244,974**	**184,152**	**165,092**	**221,357**	**252,156**
Alaska	875	789	1,365	670	779	11	115	264	329
Arizona	6,935	11,938	4,246	7,783	13,266	22,867	23,930	28,566	29,899
Colorado	23,315	31,483	22,130	5,673	11,476	17,044	17,036	18,606	25,143
Idaho	118,565	126,521	134,068	79,020	104,834	68,447	59,987	78,944	88,544
Montana	14,846	18,765	10,653	15,589	23,036	9,999	8,280	16,108	18,411
Nevada	10,100	12,238	11,529	12,676	7,499	6,275	7,175	7,161	9,777
New Mexico	1,435	3,210	10,378	7,289	3,822	7,662	4,899	6,383	7,653
Utah	66,898	153,335	115,495	63,510	75,688	40,817	30,711	49,698	55,950
Washington	2,749	2,814	576	103	2,555	3,802	2,987	5,359	7,147
Other	2,413	3,294	1,983	1,126	2,019	7,228	9,972	10,178	9,303
Central States	**246,780**	**317,375**	**237,533**	**132,682**	**207,587**	**201,520**	**164,804**	**157,543**	**132,386**
Kansas	16,452	22,775	12,910	10,892	11,927	7,370	6,445	7,285	8,386
Missouri	161,812	211,566	199,632	97,493	172,052	176,575	139,112	132,246	102,288
Oklahoma	64,086	79,946	23,052	23,405	21,240	12,664	13,697	14,289	16,918
Other	4,430	3,088	1,939	892	2,368	4,911	5,550	3,723	4,794
Eastern States	[1] **1,903**	**2,677**	**8,367**	**4,982**	**4,831**	**5,159**	**5,579**	**5,321**	**5,934**
New York					1,973	862	1,073	1,496	1,231
Tennessee	1,880	448	8,367	4,982	573	54	125	22	
Virginia		2,229			2,285	4,243	4,381	3,803	4,703

[1] Includes small quantities produced in Massachusetts, Pennsylvania, and Georgia.

Source of tables 846 and 847: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 848.—Zinc—Production of Ore, by States, Smelter Production, and Primary Slab Zinc Available for Consumption: 1920 to 1948

[All quantity figures in short tons (2,000 pounds); values in thousands of dollars. Excess of mine production over smelter production is due chiefly to export of ore. See also *Historical Statistics*, series G 116 for smelter production of primary zinc]

ITEM	1920	1925	1930	1935	1940	1945	1947	1948
Mine production (recoverable zinc content of ore)	587,524	710,847	595,425	517,903	665,068	614,358	637,608	629,977
Arizona	729	3,666	815	3,337	15,456	40,226	54,644	54,478
Colorado	24,395	30,811	36,259	1,202	5,060	35,773	38,745	45,164
Idaho	13,966	15,619	37,649	31,053	70,601	83,463	83,069	86,267
Kansas	61,073	118,778	74,304	54,110	57,032	48,394	41,497	35,577
Missouri	24,509	14,794	10,811	7,263	12,703	22,175	17,074	6,463
Montana	92,169	57,658	26,421	54,781	52,587	17,403	45,679	59,095
Nevada	5,349	7,411	14,584	15,536	11,833	21,457	16,970	20,288
New Jersey	78,511	89,261	97,626	85,708	91,406	81,392	76,871	76,332
New Mexico	5,007	9,246	32,765	22,126	30,313	40,295	44,103	41,502
New York	5,654	5,158	22,471	23,720	35,686	24,978	34,116	34,566
Oklahoma	219,727	283,371	136,153	129,763	162,935	69,300	51,062	43,821
Tennessee	19,217	16,256	[1] 48,147	[1] 48,832	[1] 51,723	[1] 49,899	[1] 48,000	[1] 45,406
Utah	4,079	26,306	44,495	31,107	43,788	33,630	43,673	41,490
Washington	213	609	352	1	11,560	11,693	13,800	12,638
Wisconsin	27,285	20,230	12,558	8,923	5,770	15,561	12,224	7,864
Other States	5,641	11,673	15	441	6,615	18,719	16,081	19,026
Smelter production (excluding remelted secondary zinc)	484,748	612,127	532,894	449,284	724,192	813,803	862,037	850,084
Primary zinc	463,377	572,946	498,045	420,634	675,275	764,561	802,495	787,764
From domestic ore	450,045	555,631	489,361	412,184	589,988	467,084	510,058	537,966
From foreign ore	13,332	17,315	8,684	[2] 8,450	[2] 85,287	[2] 297,477	292,437	249,798
Secondary, redistilled	21,371	39,181	[3] 34,849	28,650	48,917	49,242	59,542	62,320
Value of primary product from domestic ore ($1,000)	72,907	84,456	46,979	36,272	74,338	[4] 80,338	[4] 109,152	[4] 143,099
Primary slab zinc:								
Supply, total	500,170	593,700	584,230	549,861	775,471	1,094,721	1,050,320	948,093
Stock at smelters, Jan. 1	36,793	20,754	85,904	124,783	83,728	233,044	175,513	67,046
Production	463,377	572,946	498,045	420,634	675,275	764,561	802,495	787,764
Imports for consumption	([5])	([5])	281	4,444	[6] 16,468	[6] 97,116	[6] 72,312	[6] 93,283
Deductions:								
Exports	102,178	76,351	4,633	1,617	79,091	7,782	106,669	65,757
Stock at smelters, Dec. 31	71,037	13,080	167,293	90,539	19,212	254,692	67,046	19,179
Apparent deliveries to domestic consumers	326,955	504,269	412,304	457,705	677,168	826,627	([7])	([7])

[1] Includes Virginia.
[2] From Mexico in 1935; from Mexico, Canada, Newfoundland, and Peru in 1940; and from Mexico, Canada, Australia, Peru, Newfoundland, Argentina, and Bolivia in 1945.
[3] Includes small quantity of secondary electrolytic zinc. [4] Excludes premiums paid to miners by Government.
[5] Less than one-half of 1 ton. [6] General imports. [7] Not available.

No. 849.—Zinc, Primary—Smelter Production From Domestic Ore: 1875 to 1948

[Quantities in short tons (2,000 pounds); values in thousands of dollars]

YEARLY AVERAGE OR YEAR	Quantity	Value [1]	YEARLY AVERAGE OR YEAR	Quantity	Value [1]	YEAR	Quantity	Value [1]
1875	15,833	[2] 2,217	1921–1925	426,261	56,149	1939	491,058	51,070
1880 [3]	23,239	2,277	1926–1930	576,395	73,119	1940	589,988	74,338
1885	40,688	3,540	1931–1935	314,541	25,432	1941	652,599	97,890
1886–1890	54,285	5,219	1936–1940	512,004	57,619	1942	629,957	[4] 109,613
1891–1895	82,396	6,787	1941–1946	583,669	[4] 97,772	1943	594,250	[4] 102,211
1896–1900	109,963	10,180	1934	355,366	30,561	1944	574,453	[4] 98,806
1901–1905	169,504	17,067	1935	412,184	36,272	1945	467,084	[4] 80,338
1906–1910	219,378	24,165	1936	491,803	49,180	1946	459,205	[4] 81,738
1911–1915	346,867	52,416	1937	551,165	71,651	1947	510,058	[4] 109,152
1916–1920	508,731	99,812	1938	436,007	41,857	1948	537,966	[4] 143,099

[1] Values at New York prices through 1907; at St. Louis prices, 1908 to 1914; at average price of all grades, 1915 and later years.
[2] Computed at yearly average of high and low monthly prices at New York.
[3] Census year ended May 31. [4] Excludes premiums paid to miners by the Government.

Source of tables 848 and 849: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 850.—Coal—Production, 1821 to 1948, and by States, 1926 to 1948

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars. Figures relate to mines having an output of 1,000 tons or more a year for 1919, 1921, 1924 and subsequent years. Includes coal consumed at mines. Figures for anthracite relate to Pennsylvania output only; those for bituminous relate to continental United States and Alaska. Bituminous coal includes lignite and small amounts of anthracite outside Pennsylvania. Comparatively little coal is held in stock at the mines. See also *Historical Statistics*, series G 13-18]

Year or yearly average	Quantity			Year	Quantity			Value	
	Total	Anthracite	Bituminous		Total	Anthracite	Bituminous	Anthracite	Bituminous [1]
1821-1830	140	66	75	1925	581,870	61,817	520,053	327,665	1,060,402
1831-1840	1,032	722	310	1926	657,804	84,437	573,367	474,164	1,183,412
1841-1850	4,535	2,697	1,837	1927	597,859	80,096	517,763	420,942	1,029,657
1851-1860	12,513	7,645	4,868	1928	576,093	75,348	500,745	393,638	933,774
1861-1865	20,538	11,142	9,396						
				1929	608,817	73,828	534,989	385,643	952,781
1866-1870	31,706	16,281	15,425	1930	536,911	69,385	467,526	354,574	795,483
1871-1875	52,179	23,407	28,773	1931	441,735	59,646	382,089	296,355	588,895
1876-1880	62,261	25,800	36,461	1932	359,565	49,855	309,710	222,375	406,677
1881-1885	107,291	36,198	71,093	1933	383,172	49,541	333,631	206,718	445,788
1886-1890	138,398	43,952	94,446						
				1934	416,536	57,168	359,368	244,152	628,383
1891-1895	178,822	53,405	125,416	1935	424,532	52,159	372,373	210,131	658,063
1896-1900	227,123	55,625	171,498	1936	493,668	54,580	439,088	227,004	770,955
1901-1905	339,357	66,854	272,503	1937	497,387	51,856	445,531	197,599	864,042
1906-1910	454,555	81,142	373,413	1938	394,644	46,099	348,545	180,600	678,653
1911-1915	529,189	89,233	439,956						
				1939	446,342	51,487	394,855	187,175	728,348
1916-1920	626,386	92,741	533,645	1940	512,257	51,485	460,772	205,190	879,327
1921-1925	558,947	77,648	481,299	1941	570,517	56,368	514,149	240,275	1,125,363
1926-1930	595,497	76,619	518,878	1942	643,021	60,328	582,693	271,673	1,373,991
1931-1935	405,108	53,674	351,434	1943	650,821	60,644	590,177	306,816	1,584,644
1936-1940	468,860	51,101	417,758						
				1944	683,277	63,701	619,576	354,583	1,810,901
1941-1945	636,037	59,195	576,843	1945	632,551	54,934	577,617	323,944	1,768,204
1922	476,951	54,683	422,268	1946	594,429	60,507	533,922	413,417	1,835,539
1923	657,904	93,339	564,565	1947	687,814	57,190	630,624	413,019	2,622,635
1924	571,613	87,927	483,687	1948	656,658	57,140	599,518	467,052	2,993,267

State	1926-1930	1931-1935	1936-1940	1941-1945	1944	1945	1946	1947	1948
Total quantity	**595,497**	**405,108**	**468,860**	**636,037**	**683,277**	**632,551**	**594,429**	**687,814**	**656,658**
Anthracite (Pa.)	76,619	53,674	51,101	59,195	63,701	54,934	60,507	57,190	57,140
Bituminous	518,878	351,434	417,758	576,842	619,576	577,617	533,922	630,624	599,518
Alabama	18,380	9,252	12,620	17,783	18,752	18,236	16,183	19,048	18,801
Arkansas	1,579	1,012	1,387	1,821	1,972	1,854	1,631	1,871	1,662
Colorado	9,665	5,711	6,435	7,830	8,168	7,621	5,914	6,358	5,631
Illinois	57,310	40,198	48,367	68,442	76,792	73,011	63,469	67,860	65,342
Indiana	18,467	14,386	17,232	25,216	27,962	25,183	21,697	25,449	23,849
Iowa	3,879	3,492	3,376	2,569	2,141	2,046	1,788	1,684	1,670
Kansas	3,215	2,270	2,949	3,654	3,369	3,228	2,493	2,745	2,538
Kentucky	61,116	38,130	44,970	64,020	71,356	69,593	66,553	84,241	82,084
Maryland	2,700	1,654	1,496	1,854	1,870	1,763	2,003	2,051	1,661
Michigan	705	492	510	195	140	126	80	14	13
Missouri	3,538	3,624	3,577	3,947	4,779	3,983	3,733	4,236	4,023
Montana	3,139	2,396	2,871	4,245	4,844	4,467	3,723	3,178	2,898
New Mexico	2,612	1,338	1,378	1,600	1,744	1,484	1,280	1,443	1,364
North Dakota	1,622	1,750	2,161	2,447	2,366	2,522	2,555	2,760	2,961
Ohio	21,111	19,151	22,188	32,190	33,877	32,737	32,314	37,548	38,708
Oklahoma	3,346	1,368	1,444	2,623	3,209	2,909	2,647	3,421	3,462
Pennsylvania	137,038	86,592	101,556	138,876	146,052	132,965	125,497	147,079	134,542
Tennessee	5,544	4,062	5,197	7,184	7,266	6,271	5,618	6,258	6,483
Texas	1,107	738	816	200	[2] 109	[2] 80	[2] 56	[2] 61	[2] 57
Utah	4,683	2,846	3,373	6,012	7,119	6,679	5,994	7,429	6,813
Virginia	12,521	8,923	13,324	19,121	19,514	17,235	15,527	20,171	17,999
Washington	2,513	1,555	1,744	1,641	1,524	1,357	991	1,118	1,220
West Virginia	136,315	95,748	112,932	154,335	164,704	152,035	144,020	176,157	168,862
Wyoming	6,526	4,545	5,617	8,664	9,540	9,847	7,635	8,051	6,412
Other States and Alaska	246	201	238	374	407	385	521	393	463

[1] Excludes selling expenses through 1936 and for 1939. Data for other years include selling expenses.
[2] Lignite only.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook. Current data also published in annual report, Bituminous Coal and Lignite.

No. 851.—Coal—Exports, Imports, and Bunker Coal Laden on Vessels in Foreign Trade: 1891 to 1949

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars]

Yearly average or year	Total exports [1]		Anthracite exports		Bituminous exports [1]		Total imports [2]		Bunker coal	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
1891–1895 [3]	3,391	10,012	1,263	4,929	2,128	5,081	1,385	3,984		
1896–1900 [3]	5,275	13,300	1,645	6,268	3,630	7,032	1,571	3,831		
1901–1905 [3]	8,680	24,254	2,068	8,782	6,611	15,472	2,561	6,376		
1906–1910 [4]	13,460	36,805	2,964	13,034	10,497	23,770	1,934	4,530	[5] 6,315	[5] 18,291
1911–1915	21,428	58,362	4,203	19,624	17,224	38,738	1,609	4,069	8,164	23,890
1916–1920	30,419	151,356	5,205	32,960	25,215	118,396	1,409	5,788	8,276	43,975
1921–1925	22,234	124,958	3,922	38,476	18,312	86,482	2,053	11,364	5,497	31,588
1926–1930	23,881	115,057	3,330	32,750	20,551	82,308	969	5,717	4,875	23,126
1931–1935	11,523	47,942	1,404	12,487	10,118	35,455	753	4,295	1,551	6,709
1936–1940	14,622	62,696	2,152	16,867	12,469	45,828	[6] 661	[6] 3,327	1,541	7,370
1941–1945	28,669	155,696	3,967	36,167	24,702	119,529	[6] 628	[6] 3,009	1,644	10,132
1944	30,218	172,910	4,186	40,580	26,032	132,330	[6] 645	[6] 3,071	1,559	9,940
1945	31,647	184,389	3,691	36,435	27,956	147,954	[6] 468	[6] 2,295	1,785	11,911
1946	47,706	301,931	6,497	63,844	41,209	238,087	[6] 444	[6] 2,308	1,381	9,894
1947	77,177	618,919	8,510	90,220	68,667	528,700	[6] 300	[6] 1,613	1,689	13,971
1948 [7]	52,606	479,029	6,676	86,203	45,930	392,826	[6] 292	[6] 2,010	1,057	9,855
1949 [7]	32,785	297,179	4,943	64,786	27,842	232,393	[6]315	[6] 2,368	874	8,330

[1] Not including fuel or bunker coal laden on vessels engaged in foreign trade.
[2] Including lignite, slack, and culm. [3] Fiscal years ending June 30. [4] Average, July 1, 1905–Dec. 31, 1910.
[5] Not including data for coal laden on vessels on Great Lakes in 1906, 1907, and 1908.
[6] Imports for consumption, general imports prior to 1933.
[7] Effective January 1948, export data include shipments under Army Civilian Supply Program.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 852.—Coal—Shipments, Value, and Employment in Mines: 1890 to 1948

[See also *Historical Statistics*, series G 19–42, for items other than disposition of coal produced]

Calendar year	Disposition of coal produced thousand tons (2,000 pounds)				Average value per ton at mines [1]	Average number of men employed	Average number of days worked	Average tonnage per man—		Percent mined by machine [2]	Capacity of mines [3] (million tons [4])
	Loaded for shipment	Sold locally	Used by mines	Made into coke at mines				Per day	Per year		
ANTHRACITE											
1890	41,011	2,001	3,457	-------	$1.43	126,000	200	1.85	369	([5])	71
1895	52,093	1,315	4,591	-------	1.41	142,917	196	2.07	406	([5])	90
1900	50,710	1,208	5,550	-------	1.49	144,206	166	2.40	398	([5])	105
1905	69,053	1,571	7,036	-------	1.83	165,406	215	2.18	470	([5])	110
1910	73,623	2,021	8,841	-------	1.90	169,497	229	2.17	498	([5])	112
1915	76,906	2,092	9,997	-------	2.07	176,552	230	2.19	504	1.5	118
1920	76,844	2,897	9,858	-------	4.85	145,074	271	2.28	618	1.1	101
1925	53,768	2,885	5,164	-------	5.30	160,312	182	2.12	386	1.6	103
1930	61,202	3,144	5,038	-------	5.11	150,804	208	2.21	460	2.0	90
1935	46,538	2,875	2,746	-------	4.03	103,269	189	2.68	505	3.5	84
1940	46,176	3,053	2,256	-------	3.99	91,313	186	3.02	562	3.5	84
1945	48,542	4,274	2,118	-------	5.90	72,842	269	2.79	751	2.2	62
1947	51,052	4,233	1,905	-------	7.22	78,600	259	2.78	720	2.1	66
1948	50,483	4,796	1,861	-------	8.17	76,215	265	2.81	745	1.8	65
BITUMINOUS											
1890	87,373	7,008	1,607	15,332	.99	192,204	226	2.56	579	[6] 5.3	151
1895	106,287	8,340	2,086	18,404	.86	239,962	194	2.90	563	[7] 11.9	216
1900	173,072	7,868	3,740	27,635	1.04	304,375	234	2.98	697	24.9	281
1905	255,201	10,639	7,007	42,412	1.06	460,629	211	3.24	684	32.8	459
1910	342,969	12,287	9,668	52,187	1.12	555,533	217	3.46	751	41.7	592
1915	379,877	12,354	9,799	40,595	1.13	557,456	203	3.91	794	55.0	671
1920	504,873	21,289	11,896	30,608	3.75	639,547	220	4.00	881	59.8	798
1925	477,173	21,351	5,776	15,753	2.04	588,493	195	4.52	884	70.6	823
1930	437,399	22,121	3,993	4,014	1.70	493,202	187	5.06	948	77.5	770
1935	338,069	29,734	3,103	1,468	1.77	462,403	179	4.50	805	78.8	640
1940	409,881	44,403	2,443	4,045	1.91	439,075	202	5.19	1,049	80.1	703
1945	518,020	51,248	2,442	5,907	3.06	383,100	261	5.78	1,508	73.5	682
1947	557,084	55,859	([5])	([5])	4.16	[8] 419,182	234	6.42	1,504	70.1	830
1948	524,929	58,260	([5])	([5])	4.99	[8] 441,631	217	6.26	1,358	69.6	851

[1] Figures for bituminous coal represent average value per ton less selling expense (Bur. of Mines series) prior to 1937; thereafter, average gross realization including selling expense (Bit. Coal Div. series).
[2] Based on total production as shown in table 850.
[3] Calculated at 303.5 working days in the anthracite field and 308 working days in the bituminous field.
[4] Of 2,000 pounds. [5] Not available. [6] 1891. [7] 1896. [8] Average number of men working daily.

Source: Department of Interior, Bureau of Mines; Minerals Yearbook. Current data also published in annual report, Bituminous Coal and Lignite.

No. 853.—Consumption of Bituminous Coal and Lignite, by Consumer Class, With Retail Deliveries: 1939 to 1948

[In thousands of short tons]

Year	Total of classes shown	Colliery fuel	Electric power utilities [1]	Bunker, foreign trade [2]	Railroads (class I) [3]	Coke		Steel and rolling mills	Coal-gas retorts	Cement mills [4]	Other industrials [5]	Retail-dealer deliveries [5]
						Beehive ovens	By-product ovens					
1939	377,773	2,565	43,979	1,477	79,072	2,298	61,216	9,808	1,614	5,274	98,900	71,570
1940	432,757	2,443	50,973	1,426	85,130	4,803	76,583	10,040	1,746	5,633	106,280	87,700
1941	494,088	2,489	61,861	1,643	97,384	10,529	82,609	10,902	1,659	6,832	120,720	97,460
1942	542,214	2,708	65,636	1,585	115,410	12,876	87,974	10,434	1,721	7,570	131,550	104,750
1943	596,164	2,702	76,403	1,647	130,283	12,441	90,019	11,238	1,605	5,851	141,211	122,764
1944	591,830	2,712	78,887	1,559	132,049	10,858	94,438	10,734	1,545	3,789	130,353	124,906
1945	559,567	2,442	71,603	1,785	125,120	8,135	87,214	10,084	(6)	4,215	127,164	121,805
1946	500,386	1,951	68,743	1,381	110,166	7,167	76,121	8,603	(6)	7,009	118,659	100,586
1947	557,243	(6)	86,009	1,689	109,296	10,475	94,325	10,048	(6)	7,938	138,300	99,163
1948	536,672	(6)	95,620	1,057	94,838	10,322	96,984	10,046	(6)	8,554	129,504	89,747

[1] Federal Power Commission. Represents consumption by public-utility power plants in power generation, including a small quantity of coke amounting to approximately 100,000 tons annually.

[2] U. S. Bureau of Census.

[3] Association of American Railroads. Represents consumption by class I railways for all uses, including locomotive, powerhouse, shop, and station fuel. The I. C. C. reports that in 1948 consumption for all uses by class I line-haul railways, plus purchases for class II and class III railways, plus purchases by all switching and terminal companies combined, was 99,793,401 tons of bituminous coal and lignite.

[4] Includes small amount of anthracite.

[5] Estimates based upon reports collected from a selected list of representative manufacturing plants and retail dealers. [6] Included in "Other industrials."

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 854.—Work Stoppages in Anthracite and Bituminous Coal Mining Industries, by Major Issues Involved: 1937 to 1949

[Excludes work stoppages involving fewer than 6 workers or lasting less than 1 day. Figures are for stoppages beginning in years shown. For combined statistics covering work stoppages in all industries, see table 250, p. 208]

Coal-mining industry and year	Number of work stoppages [1]				Number of workers involved [3]				Number of man-days idle			
	Total	Major issues			Total	Major issues			Total	Major issues		
		Wages and hours	Union organization [2]	Miscellaneous		Wages and hours	Union organization [2]	Miscellaneous		Wages and hours	Union organization [2]	Miscellaneous
Anthracite:												
1937	32	13	1	18	59,600	24,902	480	34,218	606,656	144,548	15,360	446,748
1938	17	4	3	10	26,416	2,316	5,325	18,775	357,854	35,191	181,577	141,086
1939	25	3	5	17	22,664	2,813	1,057	18,794	77,909	3,773	15,271	58,865
1940	25	1	3	21	17,355	62	2,308	14,985	105,399	496	30,470	74,433
1941	27	5	1	21	136,888	92,557	1,552	42,779	423,299	97,023	6,208	320,068
1942	31	10	------	21	36,153	19,142	------	17,011	225,921	148,460	------	77,461
1943	30	12	------	18	117,623	88,296	------	29,327	1,836,486	1,552,457	------	284,029
1944	61	18	1	42	40,624	14,278	6,730	19,616	326,922	209,054	43,590	74,278
1945	43	18	------	25	87,700	74,500	------	13,200	1,163,000	1,108,000	------	55,000
1946	34	5	1	28	109,000	81,700	20	27,600	649,000	545,000	310	104,000
1947	28	6	------	22	21,300	6,520	------	14,800	159,000	105,000	------	53,800
1948	26	5	1	20	54,500	5,710	20	48,800	274,000	33,000	100	241,000
1949	34	8	------	26	218,000	72,500	------	145,000	1,400,000	600,000	------	799,000
Bituminous:												
1937	54	11	21	22	99,253	45,913	27,878	25,462	1,924,951	1,048,642	400,759	475,550
1938	27	6	10	11	9,505	2,196	2,324	4,985	132,855	8,422	24,151	100,282
1939	25	2	11	12	355,383	1,102	346,524	7,757	7,302,556	22,243	7,191,984	88,329
1940	34	4	10	20	24,372	272	3,451	20,649	153,296	15,954	16,214	121,128
1941	75	19	13	43	593,352	383,829	63,180	146,343	6,747,986	5,589,678	710,220	448,088
1942	96	25	11	60	43,774	15,551	3,137	25,086	264,468	134,100	15,632	114,736
1943	400	177	17	206	487,474	423,801	3,137	60,536	7,510,397	7,247,829	23,141	239,427
1944	792	208	52	532	229,907	50,918	46,207	132,782	1,056,341	207,859	266,646	581,836
1945	598	144	49	399	581,500	203,100	238,500	139,400	5,007,000	984,000	3,308,000	713,000
1946	485	102	42	341	834,000	708,000	10,300	116,000	19,500,000	18,800,000	142,000	512,000
1947	415	74	22	319	490,000	20,400	347,000	122,000	2,190,000	184,000	1,550,000	450,000
1948	561	82	42	437	582,000	337,000	51,900	192,000	9,560,000	8,230,000	438,000	900,000
1949	421	50	27	344	1,130,000	345,000	3,000	780,000	16,700,000	12,400,000	39,800	4,220,000

[1] Formerly designated "strikes and lockouts."

[2] Wages and hours were important issues also in some of these disputes. This is especially true in recent years.

[3] Includes some duplication (where same workers were involved in more than 1 stoppage). This is particularly significant in 1949, since over 60,000 anthracite miners and over 300,000 bituminous coal miners were involved in 3 separate stoppages during year.

Source: Department of Labor, Bureau of Labor Statistics; Bulletin No. 651, Strikes in the United States, 1880–1936; annual bulletins on work stoppages, and official records.

No. 855.—Coke—Production, Exports, and Imports: 1896 to 1948

[See also *Historical Statistics*, series G 43-56]

Yearly average or year	Production in thousands of short tons (2,000 pounds)			Oven coke, percent of total	Production (value) in thousands of dollars	Exports	Imports[1]
	Total	Beehive coke	Oven coke			Thousands of short tons (2,000 pounds)	
1896-1900	16,265	15,741	524	3.2	30,293	265	54
1901-1905	25,673	23,566	2,107	8.2	58,581	519	150
1906-1910	36,848	31,296	5,552	15.1	91,068	904	159
1911-1915	40,394	29,000	11,394	28.2	103,739	897	98
1916-1920	52,429	27,733	24,696	47.1	320,799	1,182	34
1921-1925	42,985	11,026	31,959	74.4	251,967	734	99
1926-1930	53,724	6,687	47,037	87.6	262,212	1,027	171
1931-1935	29,965	927	29,038	96.9	145,035	716	171
1936-1940	46,509	2,042	44,467	95.8	229,455	616	201
1941-1945	69,756	7,020	62,736	89.9	458,232	978	118
1936	46,275	1,706	44,569	96.3	232,374	670	330
1937	52,375	3,165	49,211	94.0	261,004	527	286
1938	32,496	837	31,658	97.4	167,182	487	135
1939	44,327	1,444	42,882	96.7	212,884	590	142
1940	57,072	3,058	54,014	94.6	273,832	804	113
1941	65,187	6,704	58,482	89.7	352,967	709	268
1942	70,569	8,274	62,295	88.3	425,614	840	109
1943	71,676	7,933	63,743	88.9	476,117	995	98
1944	74,038	6,973	67,065	90.6	527,922	867	63
1945	67,308	5,214	62,094	92.3	508,540	1,479	52
1946	58,498	4,568	53,929	92.2	486,729	1,231	52
1947	73,446	6,687	66,759	90.9	776,406	835	104
1948	74,862	6,578	68,284	91.2	928,282	706	161

[1] Before 1934, figures represent general imports; thereafter, imports entered for consumption.

No. 856.—Coke—Oven and Beehive Production, by States: 1915 to 1948

[In thousands of short tons (2,000 pounds). Exclusive of screenings or breeze]

State	1915	1920	1925	1930	1935	1940	1945	1946	1947	1948
OVEN										
Total	**14,073**	**30,834**	**39,912**	**45,196**	**34,224**	**54,014**	**62,094**	**53,929**	**66,759**	**68,284**
Alabama	2,070	3,124	4,582	3,987	1,994	4,727	5,401	4,666	5,870	6,015
Colorado		517	490	379	207	544	639	559	850	977
Illinois	1,687	2,137	3,012	3,576	1,669	3,015	3,682	3,192	3,805	3,675
Indiana	2,768	4,554	5,142	4,984	3,768	6,413	7,814	6,652	8,786	8,584
Maryland	313	682	1,019	1,169	930	1,683	2,025	1,662	1,975	2,148
Massachusetts	504	488	535	863	1,006	1,130	1,150	1,046	1,196	1,057
Michigan	(1)	1,393	1,751	2,604	2,482	2,872	2,806	2,500	2,819	2,850
Minnesota	128	675	518	641	430	524	826	861	898	846
New Jersey	269	726	904	919	917	1,016	1,284	1,259	1,432	1,411
New York	684	1,040	2,220	3,850	4,099	5,080	5,790	5,043	5,670	5,687
Ohio	666	5,615	7,105	6,163	5,101	7,898	9,406	8,452	10,069	10,562
Pennsylvania	3,092	7,730	9,853	12,529	8,078	14,862	15,255	12,795	16,475	16,650
West Virginia	141	447	1,056	1,479	1,604	1,900	2,462	2,162	2,822	3,298
All other States	1,749	1,706	1,725	2,051	1,939	2,350	3,556	3,082	4,091	4,524
BEEHIVE										
Total	**27,508**	**20,511**	**11,355**	**2,776**	**917**	**3,058**	**5,214**	**4,568**	**6,687**	**6,578**
Pennsylvania	22,531	15,908	9,574	2,011	564	2,550	4,584	4,027	5,913	5,734
Ohio	19	87	156							
West Virginia	1,250	1,381	490	422	155	233	288	221	378	352
Alabama	1,001	890	88							
Kentucky	285	273	(1)			(1)	74	85	95	102
Tennessee	234	163	128	25	3	5				
Virginia	630	1,028	422	220	138	198	191	171	212	201
Colorado	671	273	155	79	49	62	73	59	21	
Utah	(1)	(1)	146	7	6	7	4	5	68	189
All other States	887	509	196	12	2	1				

[1] Included in figure for "all other States."

Source of tables 855 and 856: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 857.—Natural Gas and Natural Gasoline—Production: 1906 to 1948

[**Quantities of gas in millions of cubic feet, of gasoline in thousands of gallons; values in thousands of dollars.** Production figures for gas refer only to that marketed, in addition to which considerable quantities are used by producers, and large quantities are wasted or lost; values given are at point of consumption. See also *Historical Statistics*, series G 59–64]

YEARLY AVERAGE	NATURAL GAS PRODUCED AND MARKETED		NATURAL GASOLINE [1]			YEAR	NATURAL GAS PRODUCED AND MARKETED		NATURAL GASOLINE [1]		
	Quantity	Value	Gas treated	Production	Value		Quantity	Value	Gas treated	Production	Value
1906–1910	437,057	57,940				1941	2,812,658	621,333	2,763,300	3,395,910	119,120
1911–1915	575,708	88,492	11,602	30,317	2,481	1942	3,053,475	692,737	2,864,400	3,499,524	121,565
1916–1920	762,681	154,590	412,787	268,038	48,174	1943	3,414,689	760,950	3,028,000	3,684,072	146,910
1921–1925	947,419	229,002	820,445	762,151	82,205	1944	3,711,039	797,255	3,300,000	4,201,932	[2] 182,500
1926–1930	1,637,540	362,238	1,613,811	1,852,490	136,123	1945	3,918,688	837,852	3,653,870	4,704,173	187,564
1931–1935	1,697,043	394,148	1,687,902	1,592,613	59,761	1946	4,030,605	885,878	3,603,760	4,861,033	182,281
1936–1940	2,401,592	523,609	2,116,152	2,105,410	85,455	1947	[3] 4,582,173	[4] 274,709	4,070,150	5,551,267	294,994
1941–1945	3,382,109	742,025	3,121,914	3,897,122	151,532	1948	[3] 5,148,020	[4] 333,173	4,400,000	6,110,127	463,618

[1] Includes liquified petoleum gases and other allied products.
[2] Estimated.
[3] Beginning 1947, includes gas stored and lost in transmission.
[4] Beginning 1947, value at wells.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 858.—Natural Gas and Natural Gasoline—Production, by States

[**Gas in millions of cubic feet; gasoline in thousands of gallons.** Production figures for gas refer only to that marketed, in addition to which considerable quantities are used by producers, and large quantities are wasted or lost. Consumption figures by States differ greatly from production figures by reason of interstate transportation]

STATE	NATURAL GAS PRODUCED AND MARKETED					Natural gas consumed, 1947	NATURAL GASOLINE PRODUCED [1]		
	1930	1935	1940	1945	1947		1946	1947	1948 [2]
Total	[3] 1,943,421	[3] 1,916,595	[3] 2,660,222	[3] 3,918,688	[3] [4] 4,582,173	[3] 4,426,544	4,861,033	5,551,267	6,110,127
Arkansas	18,585	6,167	14,379	46,600	50,630	102,779	84,507	94,066	94,500
California	334,789	284,109	351,950	502,442	560,510	548,382	910,538	1,064,108	1,112,069
Illinois	2,890	1,448	8,359	16,663	17,023	132,153	161,560	162,504	148,995
Kansas	37,630	57,125	90,003	145,959	209,321	191,952	82,591	99,195	101,960
Kentucky	28,023	39,738	53,056	81,714	96,459	36,938	53,862	59,713	66,589
Louisiana	278,341	249,450	343,191	542,789	581,398	375,206	566,796	628,845	706,178
Michigan	2,075	4,203	12,648	21,874	18,812	80,571	12,337	4,287	2,517
Mississippi					40,037	52,461		19,942	45,506
Montana	10,060	19,870	26,231	31,829	34,282	30,919	4,597	5,756	8,449
New Mexico	9,497	27,931	[5] 63,990	[5] 105,023	[5] 142,740	102,766	103,642	113,051	131,578
New York	[6] 9,624	[6] 8,288	[6] 12,187	[6] 9,210	[6] 4,600	41,572	9	11	11
Ohio	63,394	49,592	40,639	49,967	68,946	221,571	6,253	7,084	6,355
Oklahoma	348,116	274,313	257,626	357,530	419,010	254,522	414,991	446,493	470,141
Pennsylvania	88,706	[7] 94,464	[7] 90,725	[7] 82,188	[7] 91,971	175,906	11,003	13,013	12,253
Texas	[8] 517,880	[8] 642,366	[8] 1,063,538	[8] 1,711,401	[8] 1,992,704	1,444,422	2,282,979	2,639,434	2,984,389
West Virginia	144,180	115,772	188,751	160,225	192,233	106,105	120,444	141,273	157,342
Wyoming	43,219	26,643	27,346	35,282	45,550	26,351	[9] 44,924	[9] 52,492	[9] 61,295

[1] Includes liquified petroleum gases and other allied products.
[2] Preliminary. [3] Includes States not shown separately.
[4] Includes gas stored and lost in transmission.
[5] Includes 685,000,000 cubic feet piped to Mexico in 1940, 3,281,000,000 in 1945, and 3,077,000,000 in 1947.
[6] Includes 107,000,000 cubic feet piped to Canada in 1930, 29,000,000 in 1935, 54,000,000 in 1940, 31,000,000 in 1945, and 28,000,000 in 1947.
[7] Includes 44,000,000 cubic feet piped to Canada in 1935, 36,000,000 in 1940, 160,000,000 in 1945, and 179,000,000 in 1947.
[8] Includes 1,691,000,000 cubic feet piped to Mexico in 1930, 6,727,000,000 in 1935, 4,788,000,000 in 1940, 14,735,000,000 in 1945, and 14,865,000,000 in 1947. [9] Includes Utah and Colorado.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 859.—Petroleum, Crude—Production: 1861 to 1948

[Quantities in thousands of barrels (42 gallons); values in thousands of dollars. See also *Historical Statistics*, series G 57-58]

YEARLY AVERAGE	Quantity	Value	YEAR	Quantity	Value	YEAR	Quantity	Value
1861–1865	2,479	9,965	1916	300,767	330,900	1933	905,656	608,000
1866–1870	4,013	15,795	1917	335,316	522,635	1934	908,065	904,825
1871–1875	8,221	16,430	1918	355,928	703,944	1935	996,596	961,440
1876–1880	16,816	22,926	1919	378,367	760,266	1936	1,099,687	1,199,820
1881–1885	25,508	22,933	1920	442,929	1,360,745	1937	1,279,160	1,513,340
1886–1890	32,990	23,830	1921	472,183	814,745	1938	1,214,355	1,373,060
1891–1895	51,095	35,708	1922	557,531	895,111	1939	1,264,962	1,294,470
1896–1900	59,498	56,836	1923	732,407	978,430	1940	1,353,214	1,385,440
1901–1905	102,083	83,524	1924	713,940	1,022,683	1941	1,402,228	1,602,000
1906–1910	172,769	119,572	1925	763,743	1,284,960	1942	1,386,645	1,643,470
1911–1915	247,739	185,793	1926	770,874	1,447,760	1943	1,505,613	1,809,020
1916–1920	362,661	735,698	1927	901,129	1,172,830	1944	1,677,904	2,032,960
1921–1925	647,961	999,186	1928	901,474	1,054,880	1945	1,713,655	2,094,250
1926–1930	895,762	1,205,217	1929	1,007,323	1,280,417	1946	1,733,939	2,442,550
1931–1935	889,311	741,071	1930	898,011	1,070,200	1947	1,856,987	3,577,890
1936–1940	1,242,276	1,353,226	1931	851,081	550,630	1948	2,020,185	5,245,080
1941–1945	1,537,209	1,836,340	1932	785,159	680,460			

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 860.—Petroleum, Crude and Refined—Production, Imports, Exports, and Bunker Oil Laden on Vessels in Foreign Trade: 1871 to 1948

[Exports of refined oils include residuum prior to 1913 and natural gasoline prior to 1932, and exclude them thereafter. Exports exclude reexports of imported oils. General imports through 1933; imports for consumption thereafter. See also *Historical Statistics*, series G 57 for production]

YEARLY AVERAGE OR YEAR	QUANTITY (THOUSANDS OF BARRELS OF 42 GALLONS)						VALUE (MILLIONS OF DOLLARS)				
	Production, crude oil	Imports		Exports		Bunker oil	Imports		Exports		Bunker oil
		Crude oil	Refined oils	Crude oil	Refined oils		Crude oil	Refined oils	Crude oil	Refined oils	
1871–1880	12,519	[1]	[1]	528	6,026	[1]	[1]	[1]	2.4	37.7	[1]
1881–1890	29,249	[1]	[1]	1,719	12,084	[1]	[1]	[1]	5.1	43.7	[1]
1891–1895	51,095	[1]	[1]	2,606	16,751	[1]	[1]	[1]	5.0	40.8	[1]
1896–1900	59,498	[1]	[1]	2,907	20,240	[1]	[1]	[1]	5.8	57.1	[1]
1901–1905	102,083	[1]	[1]	3,029	22,317	[1]	[1]	[1]	6.3	68.5	[1]
1906–1910	172,769	[2] 295	[1]	3,686	30,521	[1]	[2] 0.7	[1]	6.4	90.4	[1]
1911–1915	247,739	12,080	293	4,134	44,475	[1]	7.6	1.1	6.1	125.8	[1]
1916–1920	362,661	49,531	1,396	5,413	58,896	11,681	26.5	5.0	14.1	323.7	24.2
1921–1925	647,961	94,857	12,545	13,330	76,455	36,501	68.0	22.2	22.5	363.6	55.9
1926–1930	895,762	67,919	23,779	20,062	119,700	50,198	78.6	51.8	30.2	464.7	62.3
1931–1935	889,311	38,395	23,901	36,413	70,896	34,868	27.3	22.3	38.2	176.2	31.3
1936–1940	1,242,276	32,701	30,774	63,651	86,876	35,845	23.6	22.2	87.0	231.9	39.3
1941–1945	1,537,209	39,644	48,317	36,702	105,397	51,568	39.8	53.2	57.0	487.8	75.2
1933	905,656	31,908	13,257	36,584	61,419	32,272	17.7	7.1	32.0	151.3	27.1
1934	908,065	35,772	14,952	41,127	64,750	29,899	25.9	9.6	49.8	159.5	31.3
1935	996,596	32,345	22,369	51,430	67,932	30,304	23.4	13.5	61.2	169.9	29.9
1936	1,099,687	32,957	25,460	50,313	71,402	33,407	23.2	16.5	66.1	179.0	34.3
1937	1,279,160	27,310	32,693	67,127	93,464	37,688	20.8	22.1	96.4	253.4	43.5
1938	1,214,355	26,048	27,837	77,254	102,124	36,059	18.6	19.6	111.6	249.6	37.8
1939	1,264,962	34,106	27,350	72,064	103,428	37,036	23.3	18.7	92.8	262.6	39.0
1940	1,353,214	43,085	40,528	51,495	63,960	35,037	32.2	34.0	67.8	214.9	41.9
1941	1,402,228	52,029	48,564	34,484	60,736	30,400	43.4	37.6	49.5	208.2	38.1
1942	1,386,645	13,540	25,780	35,560	71,251	25,417	12.8	23.0	51.6	273.2	35.1
1943	1,505,613	13,803	51,834	43,313	96,860	47,895	14.7	69.9	66.5	421.3	74.0
1944	1,677,904	44,846	56,663	34,802	161,854	71,815	49.0	63.6	58.9	872.8	109.4
1945	1,713,655	74,003	58,742	35,353	136,283	82,314	79.2	71.9	58.3	663.3	119.4
1946	1,733,939	87,507	57,047	42,574	90,884	62,494	101.6	57.0	74.1	306.3	94.1
1947	1,856,987	99,284	63,463	46,356	92,461	72,071	161.5	87.1	99.1	435.7	136.9
1948	2,020,185	128,557	59,992	39,737	72,260	37,030	283.3	129.8	116.8	441.7	91.2

[1] Data not available.
[2] Average for years 1908-10 for total mineral oils.

Sources: Production, Dept. of the Interior, Bur. of Mines; Minerals Yearbook. Imports and exports, Dept. of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the U. S., and records.

No. 861.—Petroleum, Crude—World Production; United States Production, by Regions and States: 1926 to 1948

[In thousands of barrels of 42 gallons]

REGION AND STATE	1926–1930 (average)	1931–1935 (average)	1936–1940 (average)	1941–1945 (average)	1944	1945	1946	1947	1948
World total [1]	**1,316,390**	**1,460,372**	**2,009,651**	**2,351,151**	**2,592,511**	**2,594,914**	**2,746,680**	**3,022,030**	**3,425,283**
United States [1]	895,762	889,311	1,242,276	1,537,209	1,677,904	1,713,655	1,733,939	1,856,987	2,020,185
Percent of total	*68*	*61*	*62*	*65*	*65*	*66*	*63*	*61*	*59*
Regions:									
Appalachian	31,603	30,079	34,817	34,044	34,272	33,047	34,180	32,762	32,622
Lima—N. E. Ind.—Mich	3,603	10,050	18,716	19,228	18,709	17,481	17,282	16,379	16,996
Illinois—S. W. Indiana	7,495	5,326	57,570	100,570	82,507	79,938	81,999	72,530	71,758
Mid-continent	527,944	566,251	694,826	764,285	818,678	846,227	871,081	949,550	1,063,638
Gulf	54,140	75,401	178,326	294,040	366,385	360,350	354,576	383,013	412,430
Rocky Mountain	29,468	17,984	27,765	44,830	45,560	50,130	60,108	60,621	82,667
California	241,509	184,221	230,256	280,210	311,793	326,482	314,713	333,132	340,074
States:									
Arkansas	35,010	12,144	17,485	27,717	29,418	28,613	28,375	29,948	31,682
California	241,509	184,221	230,256	280,210	311,793	326,482	314,713	333,132	340,074
Colorado	2,477	1,260	1,539	2,958	3,083	5,036	11,856	15,702	17,862
Illinois	6,654	4,551	55,722	94,710	77,413	75,094	75,297	66,459	64,808
Indiana	937	800	1,870	5,885	5,118	4,868	6,726	6,095	6,974
Kansas	41,123	43,033	63,197	96,447	98,762	96,415	97,218	105,132	110,908
Kentucky	7,103	5,494	5,549	7,425	9,621	10,325	10,578	9,397	8,801
Louisiana	22,338	30,396	92,771	123,196	129,645	131,051	143,669	160,128	181,458
Michigan	1,913	9,004	18,103	18,928	18,490	17,267	17,074	16,215	16,871
Mississippi		[2]	4,507	19,673	16,337	19,062	24,298	34,925	45,761
Montana	4,826	3,153	5,861	8,117	8,647	8,420	8,825	8,742	9,382
New Mexico	3,171	15,829	35,720	37,383	39,555	37,351	36,814	40,926	47,969
New York	2,765	3,618	5,057	5,002	4,697	4,648	4,863	4,762	4,621
Ohio	7,022	4,504	3,404	3,228	2,937	2,828	2,908	3,108	3,600
Oklahoma	235,663	176,293	185,293	136,492	124,616	139,299	134,794	141,019	154,455
Pennsylvania	10,613	13,443	17,684	15,384	14,118	12,515	12,996	12,690	12,667
Texas	245,792	364,341	478,063	616,884	746,699	754,710	760,215	820,210	903,498
West Virginia	5,655	4,032	3,680	3,261	3,070	2,879	2,929	2,617	2,692
Wyoming	21,145	13,158	19,987	33,304	33,356	36,219	38,977	44,772	55,032

[1] Estimated. [2] Includes for certain years small quantities not distributed by regions and States.
[3] Not shown separately.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 862.—Petroleum—Runs to Stills, 1946 and 1947, and Major Refinery Products, 1947, by Regions

[In thousands of barrels of 42 gallons, except wax (barrels of 280 lbs.)]

REGION	CRUDE OIL RUN TO STILLS		NATURAL GASOLINE RUN TO STILLS OR BLENDED		OUTPUT OF REFINERIES, 1947				
	1946	1947	1946	1947	Gasoline	Kerosene	Distillate fuel oil	Residual fuel oil	Wax
Total	**1,730,197**	**1,852,246**	**62,861**	**70,692**	**814,841**	**110,412**	**312,173**	**447,795**	**3,624**
East Coast	276,651	297,315	1,181	883	104,098	14,257	57,111	86,769	1,387
Appalachian	55,756	60,377	505	530	27,039	3,570	7,362	10,250	397
Ind., Ill., Ky., etc	279,810	301,357	7,080	8,088	147,985	18,324	45,749	57,259	227
Okla., Kans., and Mo	138,385	153,050	5,594	6,002	77,581	8,792	26,230	25,246	475
Texas	503,431	521,606	26,620	28,836	243,934	39,596	90,025	109,656	539
Louisiana and Ark	143,182	164,765	3,904	4,050	67,943	19,972	30,971	29,734	413
Rocky Mountain	48,044	52,343	1,023	918	23,373	1,260	8,227	13,710	95
California	284,938	301,433	16,954	21,385	122,888	4,651	46,498	115,171	91

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 863.—Crude Petroleum, Refined Products, and Natural Gasoline—Production and Stocks: 1925 to 1949

[Barrels of 42 gallons]

ITEM	1925	1930	1935	1940	1945	1947	1948	1949 (prel.)
Crude petroleum:								
Domestic production, 1,000 bbls.	763,743	898,011	996,596	1,353,214	1,713,655	1,856,987	2,020,185	1,840,307
Imports [1], do.	61,824	62,129	32,239	42,662	74,337	97,532	129,093	154,922
Exports [1], do.	13,337	23,705	51,430	51,496	32,998	46,355	39,736	33,069
Stocks, end of period:								
Refinable crude, do.	345,863	408,809	314,855	264,709	218,763	224,929	246,572	253,356
California heavy crude, do.	(2)	(2)	(2)	11,906	4,496	5,725	10,055	
Runs to stills, do.	739,920	927,447	965,790	1,294,162	1,719,534	1,852,246	2,031,041	1,945,519
Total value at wells, 1,000 dolls.	1,284,960	1,070,200	961,440	1,385,440	2,094,250	3,577,890	5,245,080	(3)
Average price per barrel at wells	$1.68	$1.19	$0.97	$1.02	$1.22	$1.93	$2.60	(3)
Refined products:								
Imports [1], 1,000 bbls.	16,376	43,489	20,396	41,089	39,282	61,857	59,051	79,209
Exports [1], do.	100,497	132,794	77,557	78,970	149,985	118,122	94,938	86,406
Stocks, end of period, do. [3]	206,275	254,311	223,361	282,265	235,998	265,850	345,650 [4] 343,537	342,782
Output of motor fuel, do.	262,252	440,728	468,021	616,695	798,194	839,998	921,923	961,791
Yield of gasoline, percent	32.4	42.0	44.2	43.1	40.9	40.2	40.3	43.7
Completed refineries, end of year	510	435	632	556	393	390	375	(3)
Daily crude-oil capacity of refineries, 1,000 bbls.	2,853	3,943	4,117	4,719	5,316	6,034	6,439	(3)
Average dealer's net price (excl. tax) of gasoline in 50 U. S. cities [5], cents per gal.	17.46	14.49	12.02	9.08	10.33	12.33	14.55	15.05
Natural gasoline:								
Production, 1,000 bbls.	26,307	52,631	39,333	55,700	112,004	132,173	146,721	156,203
Stocks, end of period, do.	[6] 326	2,377	3,698	5,704	4,322	4,296	5,579	6,831

[1] Import and export figures from Bureau of Census, except for imports of crude petroleum for 1935 and later years which are as reported to Bureau of Mines. Exports include shipments to noncontiguous Territories and possessions.
[2] Figure for California heavy crude included in refined products in 1925, 1930, and 1935.
[3] Not available.
[4] For comparison with succeeding year.
[5] American Petroleum Institute figures; prior to 1939, average tank-wagon prices.
[6] At plants only.

Source: Department of the Interior, Bureau of Mines (except as noted); Minerals Yearbook.

No. 864.—Petroleum—Runs to Stills and Refinery Products, by Class: 1925 to 1949

[In thousands of barrels of 42 gallons, except as indicated]

PRODUCT	1925	1930	1935	1940	1945	1947	1948	1949 (prel.)
Input, total	759,556	970,617	996,815	1,333,709	1,789,858	1,922,938	2,107,278	2,030,976
Crude petroleum, total	739,920	927,447	965,790	1,294,162	1,719,534	1,852,246	2,031,041	1,945,519
Domestic	698,582	866,615	933,659	1,252,364	1,645,862	1,754,987	1,907,027	1,789,842
Foreign	41,338	60,832	32,131	41,798	73,672	97,259	124,014	155,677
Natural gasoline	19,636	43,170	31,025	39,547	70,324	70,692	76,237	85,457
Output, total	759,556	970,617	996,815	1,333,709	1,789,858	1,922,938	2,107,278	2,030,976
Gasoline	259,601	432,241	457,842	597,375	774,460	814,841	895,986	939,051
Kerosene	59,689	49,208	55,813	73,882	81,024	110,412	121,914	102,152
Distillate fuel oil	364,991	81,551	100,235	183,304	249,224	312,173	380,700	339,530
Residual fuel oil		290,947	259,826	316,221	469,492	447,795	466,317	424,829
Lubricating oil	31,055	34,201	27,853	36,765	41,867	51,765	51,416	45,389
Wax (1 bbl. = 280 lbs.)	2,135	1,956	1,608	1,833	2,921	3,624	3,515	3,208
Coke (5 bbls. = 1 s. ton)	5,281	9,895	7,200	7,633	10,115	12,077	14,494	16,959
Asphalt (5.5 bbls. = 1 s. ton)	15,067	18,194	17,133	29,406	39,196	49,286	51,919	49,007
Still gas (1 bbl. = 3,600 cu. ft.)	(1)	5,377	51,184	75,950	103,458	85,564	81,159	82,621
Road oil	8,044	5,425	6,030	7,771	2,686	7,074	7,915	7,691
Other finished products		2,377	1,888	3,202	19,080	24,348	30,605	28,440
Crude gasoline (net)			1,032	902	[2] *4,592*	984	[2] *917*	[2] *418*
Other unfinished oils (net)	[2] *9,221*	2,242	[2] *2,412*	[2] *5,848*	[2] *5,727*	[2] *1,227*	[2] *513*	[2] *8,068*
Shortage	22,914	37,003	11,493	3,313	6,954	4,222	2,768	585

[1] Not available.
[2] Negative quantity; represents net excess of unfinished oils rerun over unfinished oils produced.

Source: Department of the Interior, Bureau of Mines; Petroleum Refinery Statistics 1930 (Bulletin 367) and Minerals Yearbook.

No. 865.—Petroleum Products—Quantity and Value: 1939 and 1947

[Money figures in thousands of dollars]

Product	Unit of measure	1939 Production: Quantity	1939 Production: Value f. o. b. plant (incl. tax)	1947: Receipts [1] (quantity)	1947 Shipments and interplant transfers: Quantity	1947 Shipments and interplant transfers: Value f. o. b. plant (excl. tax)	1947: Net shipments [2] (quantity)
Petroleum products, total			2,497,235			6,745,717	
Gasoline, total	M bbls	580,805	1,424,436	54,296	845,621	3,136,709	791,325
Aviation gasoline	do	9,420	36,269	3,271	29,967	143,964	26,696
Automotive gasoline	do	571,385	1,388,167	35,898	790,825	2,907,212	754,927
Other finished gasolines (including finished base stocks and blending agents)	do			15,127	24,829	85,533	9,702
Naphtha solvents	do	9,352	23,112	1,872	18,120	71,524	16,248
Kerosene (including range oil)	do	64,526	112,065	6,317	114,450	342,997	108,133
Distillate fuel oil, total	do	(3)	(3)	24,670	341,907	918,291	317,237
Grade No. 1 (including P. S. 100)	do	68,255 [4]	107,649 [4]	1,852	47,050	140,865	45,198
Grades No. 2, 3, and 4 (incl. P. S. 200)	do			17,958	218,867	572,837	200,909
Diesel-type fuel oil (light)	do			3,693	58,013	156,152	54,320
Other distillate fuel oils (including light gas-enrichment oil)	do	94,586 [5]	130,467 [5]	1,167	17,977	48,437	16,810
Residual fuel oil, total	do	(3)	(3)	42,323	488,069	899,581	445,746
Grade No. 5 (incl. Navy special and P. S. 300)	do	312,944 [6]	234,093 [6]	1,506	55,464	115,853	53,958
Grade No. 6 (incl. Bunker C and P. S. 400)	do			36,531	387,862	698,552	351,331
Diesel-type fuel oil (heavy)	do	(3)	(3)	609	7,046	16,163	6,437
Other residual fuel oils (including heavy gas-enrichment oil)	do	(3)	(3)	3,677	37,697	69,013	34,020
Lubricating oils, total	do	(3)	(3)	(3)	58,230	664,347	(3)
Petroleum refining industry:							
Refiners of new oils	do	38,258 [7]	237,161 [7]	6,776	50,363	539,295	43,587
Re-refiners of used oils (including crank-case drainings)	do	193	1,250	30	682	6,627	652
Lubricants, n. e. c. industry	do	(3)	25,511	1,798	6,898	110,909	5,100
Other manufacturing industries	do	(3)	(3)	(3)	287	7,516	(3)
Lubricating-oil base stocks (for blending, compounding, and grease manufacture), total	do	(7)	(7)	11,971	12,342	108,621	371
Petroleum refining industry	do	(7)	(7)	5,434	12,264	107,309	6,830
Lubricants, n. e. c. industry	do			6,537	78	1,312	−6,459
Lubricating greases, total	M lbs	(3)	(3)	(3)	1,198,254	93,697	(3)
Petroleum refining industry:							
Refiners of new oils	do	(3)	14,451	58,267	684,585	49,245	626,318
Re-refiners of used oils (including crank-case drainings)	do	(3)	(3)	224	1,978	191	1,754
Lubricants, n. e. c. industry	do	285,124	16,275	20,639	506,204	43,462	485,565
Other manufacturing industries	do	(3)	(3)	(3)	5,487	799	(3)
Asphalt, total			37,994			130,344	
200 penetration and over	M bbls	14,498	17,142	963	24,782	61,646	23,819
Less than 200 penetration	M tons	2,346	20,852	62	5,464	68,698	5,402
Petroleum waxes, total	M lbs	(3)	19,485	73,832	1,233,458	76,005	1,159,626
Microcrystalline	do	(3)	(3)	1,615	96,216	10,363	94,601
Refined and semi-refined crystalline	do	(3)	(3)	23,728	690,159	43,158	666,431
Crude-scale crystalline	do	(3)	(3)	48,489	447,083	22,484	398,594
Liquefied gases, total [8]	M bbls	3,463	4,942	7,354	22,496	110,487	15,142
For direct automotive use (not included under gasoline)	do	(3)	(3)		162	410	
Chemical raw material (including synthetic rubber components)	do	(3)	(3)		9,549	83,007	
Other liquefied gases	do	(3)	(3)		12,785	27,070	
Other finished petroleum products, total			69,466			87,069	
Still gas	Mil. cu. ft	(3)	(3)	4	20,416	9,245	26,412
Road oil	M bbls	6,020	8,539	85	9,053	19,131	8,968
Petrolatum	M lbs	(3)	2,873	120,618	455,294	11,944	334,676
Petroleum coke	M tons	1,522	4,987		1,619	12,444	1,619
Other finished petroleum products	M bbls	(3)	53,067 [9]	375	4,571	34,305	4,196
Unfinished oils	do	31,714	38,878	59,533	44,710	106,045	−14,823

[1] As billed by the shipper.
[2] Represents difference between quantities shipped and receipts.
[3] Not available.
[4] Represents distillates except gas oils and diesel oils.
[5] Figures for residual oils are included with figures for distillate oils.
[6] Represents residual fuel oils except gas oils and diesel oils.
[7] Lubricating-oil base stocks are probably included with lubricating oils.
[8] Includes propane, butane, propane-butane mixtures, pentane, and other liquefied refinery gases. Receipts exclude liquefied petroleum gases from natural-gasoline plants.
[9] Other finished products include still gas, residuum or tar, acid oil, and other refinery products.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 866.—Petroleum Pipe Lines—Summary: 1925 to 1948

[All figures, except miles of line operated, in thousands of dollars]

YEAR	Miles of line operated	Investment in pipe lines	Other investments	Pipe-line operating revenues	Pipe-line operating expenses	Pipe-line operating income	Net income
1925	70,009	511,088	93,896	164,645	80,232	70,966	88,495
1930	88,727	772,711	96,184	237,910	99,363	121,816	123,741
1935	92,037	763,009	119,071	197,368	89,364	79,586	78,249
1936	94,060	773,743	77,239	219,057	92,899	94,491	91,742
1937	96,611	802,946	87,389	248,198	99,641	109,994	102,720
1938	95,775	807,657	70,666	228,211	98,756	95,128	92,724
1939	98,681	829,646	65,124	212,466	97,130	83,401	80,823
1940	100,156	841,977	64,095	225,760	101,919	82,558	79,857
1941	105,435	885,317	45,687	251,685	110,448	81,604	79,468
1942	106,485	918,848	44,525	245,061	123,507	58,332	56,845
1943	108,783	965,464	39,891	276,652	148,448	62,620	61,302
1944	111,615	1,000,741	62,767	310,194	172,368	67,840	65,715
1945	113,351	1,042,523	86,713	304,268	191,668	67,127	65,941
1946	116,544	1,106,454	69,991	293,723	183,869	56,485	56,094
1947	119,298	1,225,168	56,455	325,224	214,682	54,415	53,145
1948	124,092	1,381,402	52,168	377,034	252,971	58,806	56,679

Source: Interstate Commerce Commission; annual report, Statistics of Oil Pipe Line Companies.

No. 867.—Oil Wells, Number and Production, 1947 and 1948, and Number of Oil and Gas Wells Drilled, 1948 and 1949, by States

STATE	PRODUCING OIL WELLS				WELLS DRILLED [1]					
	Approximate number Dec. 31		Average production per well per day (barrels)		Oil		Gas		Dry	
	1947	1948	1947	1948	1948	1949	1948	1949	1948	1949
Total	426,280	437,880	12.0	12.8	22,585	22,042	2,897	2,887	12,026	12,727
Arkansas	3,590	3,670	23.6	23.8	151	171	5	3	145	147
California	24,420	26,460	38.3	36.5	2,395	1,914	21	40	460	558
Colorado	600	700	84.4	75.1	149	21	10	4	48	57
Illinois	25,670	26,500	7.1	6.8	1,262	1,392	11	6	1,165	1,308
Indiana	2,300	2,780	7.6	7.5	518	521	40	30	519	725
Kansas	27,500	27,900	10.7	10.9	1,677	1,683	382	419	1,193	1,254
Kentucky	14,780	14,750	1.7	1.6	349	448	151	193	403	402
Louisiana	8,700	9,770	52.4	53.7	1,552	1,524	133	211	634	632
Michigan	3,540	3,550	12.6	13.0	355	426	30	23	435	476
Mississippi	1,120	1,320	100.2	102.5	250	161	16	5	161	167
Montana	2,890	3,100	8.5	8.6	191	138	69	54	85	87
Nebraska	60	50	10.5	10.7	[2] 18	12	[2] 3	6	[2] 35	31
New Mexico	5,000	5,370	23.1	25.3	433	334	44	53	129	114
New York	22,500	23,100	.6	.6	(3)	(3)	(3)	(3)	(3)	(3)
Ohio	19,500	20,000	.4	.5	(3)	(3)	(3)	(3)	(3)	(3)
Oklahoma	52,200	53,000	7.4	8.0	2,417	2,483	258	213	1,588	1,612
Pennsylvania	83,600	82,000	.4	.4	[3] 2,834	[3] 1,838	[3] 1,170	[3] 867	[3] 707	[3] 526
Texas	107,600	113,100	21.1	22.4	7,619	8,613	542	746	4,011	4,260
West Virginia	16,250	16,000	.4	.5	(3)	(3)	(3)	(3)	(3)	(3)
Wyoming	4,320	4,600	28.7	33.7	394	322	7	8	183	257
Other States	[4] 140	[4] 160	[4] 6.4	[4] 15.6	21	41	5	6	125	114

[1] Figures from Oil and Gas Journal.
[2] Includes Missouri and Iowa.
[3] New York, Ohio, and West Virginia included in Pennsylvania.
[4] Alabama, Florida, Missouri, Tennessee, and Virginia; for 1948 Utah is also included.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook, except as noted.

No. 868.—Asphalt—Supply, Distribution, and Value: 1941 to 1948

ITEM	1941	1942	1943	1944	1945	1946	1947	1948
SUPPLY (1,000 TONS OF 2,000 LBS.)								
Total	**8,022**	**7,999**	**8,172**	**8,483**	**8,609**	**9,832**	**10,947**	**11,551**
Native asphalt and related bitumens:								
Produced	691	975	886	790	704	846	1,072	1,136
Imported (chiefly lake asphalt)	14	8	8	8	5	4	6	7
Petroleum asphalt (excluding road oil):								
Produced at refineries from domestic and foreign petroleum	6,558	6,297	6,757	6,996	7,127	8,166	8,961	9,440
Imported [1]	145	115	110	126	147	123	206	282
Stocks, Jan. 1	614	604	411	563	626	693	702	686
DISTRIBUTION (1,000 TONS OF 2,000 LBS.)								
Total	**8,022**	**7,999**	**8,172**	**8,483**	**8,609**	**9,832**	**10,947**	**11,551**
Native asphalt and related bitumens:								
Indicated domestic demand	680	966	851	752	657	819	1,048	1,122
Exports (unmanufactured)	11	9	35	37	47	27	24	14
Petroleum asphalt (excluding road oil):								
Indicated domestic demand (incl. lake asphalt)	6,502	6,527	6,637	6,949	6,999	7,888	8,633	9,116
Exports	225	85	86	119	213	396	556	270
Stocks, Dec. 31	604	411	563	626	693	702	686	1,029
VALUE (1,000 DOLLARS)								
Native asphalt and related bitumens:								
Sales	3,169	4,279	4,288	3,688	3,816	4,262	5,503	5,026
Imports (chiefly lake asphalt)	183	136	222	254	122	92	243	181
Exports (unmanufactured)	329	232	819	730	1,207	974	1,065	559
Petroleum asphalt (excluding road oil):								
Sales [2]	60,513	70,815	78,863	75,715	78,876	93,991	127,869	178,788
Imports [1]	777	680	659	726	842	771	1,692	2,406
Exports	3,690	1,585	2,147	2,606	5,172	9,708	14,208	8,985

[1] Includes cut-backs and road oil.
[2] Excludes export sales.

No. 869.—Gypsum—Supply, Sales, Imports, and Exports: 1941 to 1948

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars. See also *Historical Statistics*, series G 67–68, for gypsum mined and total gypsum products sold]

ITEM	1941	1942	1943	1944	1945	1946	1947	1948
Crude gypsum: [1]								
Mined	4,789	4,698	3,878	3,761	3,812	5,629	6,208	7,255
Imported	1,348	394	231	342	509	1,457	2,157	2,859
Apparent supply	6,136	5,092	4,109	4,104	4,320	7,087	8,365	10,114
Calcined gypsum produced: [2]								
Short tons	3,981	3,045	2,558	2,363	2,485	4,170	5,011	6,243
Value	19,747	16,403	14,752	13,841	14,474	29,273	38,726	48,145
Gypsum products sold: [2]								
Uncalcined uses:								
Short tons	1,321	1,515	1,234	1,056	1,148	1,641	1,950	2,226
Value	3,139	3,534	3,115	2,954	3,433	5,106	7,012	7,927
Industrial uses:								
Short tons	152	143	164	200	158	207	207	219
Value	1,885	1,841	2,259	2,551	2,326	3,161	3,430	3,731
Building uses, value	64,734	57,796	53,723	50,196	54,390	88,928	117,973	165,176
Gypsum and gypsum products:								
Imported for consumption, value	1,282	508	304	395	549	1,833	2,522	3,115
Exported, value	530	978	284	490	1,503	1,065	1,600	1,317

[1] Excludes byproduct gypsum.
[2] Made from domestic, imported, and byproduct crude gypsum.

Source of tables 868 and 869: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 870.—Cement—Production, by Kind: 1890 to 1948

[Portland cement, in barrels of 376 pounds; masonry, natural, and puzzolan cement in 1921 and later years in 376-pound barrels but prior to 1921 in barrels of 240, 265, and 320 pounds, respectively. Includes Puerto Rico beginning 1939, and Hawaii for 1945 and 1946. See also *Historical Statistics*, series G 65–66]

YEAR	PRODUCTION IN THOUSANDS OF BARRELS			Total value in thousands of dollars [1]	YEAR	PRODUCTION IN THOUSANDS OF BARRELS			Total value in thousands of dollars [1]
	Total	Portland	Masonry, natural, and puzzolan			Total	Portland	Masonry, natural, and puzzolan	
1890	7,777	336	7,441	4,527	1932	77,198	76,741	457	82,718
1895	8,731	990	7,741	5,482	1933	63,984	63,473	511	86,229
1900	17,231	8,482	8,749	13,284	1934	78,419	77,748	672	117,882
1905	40,102	35,247	4,855	35,932	1935	77,748	76,742	1,006	114,810
1910	77,785	76,550	1,235	68,752	1936	114,469	112,650	1,819	172,778
1915	86,708	85,915	[2] 794	74,285	1937	118,075	116,175	1,901	171,414
1920	100,791	100,023	[2] 767	203,198	1938	107,178	105,357	1,821	156,703
1921	99,381	98,842	[2] 539	187,708	1939	124,698	122,259	2,439	184,255
1922	115,679	114,790	[2] 889	203,324	1940	132,751	130,217	2,535	193,465
1923	138,732	137,460	[2] 1,272	263,122	1941	166,907	164,031	2,876	250,589
1924	150,777	149,358	[2] 1,418	272,345	1942	185,342	182,781	2,560	286,905
1925	163,388	161,659	1,729	281,076	1943	135,254	133,424	1,830	202,460
1926	166,635	164,530	2,105	280,786	1944	92,152	90,906	1,247	151,997
1927	175,330	173,207	2,124	281,736	1945	104,289	102,805	1,484	175,431
1928	178,509	176,299	2,210	278,883	1946	166,539	164,064	2,475	296,552
1929	172,856	170,646	2,209	255,105	1947	189,470	186,519	2,951	361,978
1930	162,989	161,197	1,792	231,249	1948	208,889	205,448	3,440	453,412
1931	126,671	125,429	1,242	142,580					

[1] Value of shipments beginning 1925. [2] Shipments.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 871.—Portland Cement—Production, by States; Shipments, Imports and Stocks: 1910 to 1948

[In thousands of barrels of 376 pounds]

STATE	1910	1920	1930	1935	1940	1945	1947	1948
Production, total	76,550	100,023	161,197	76,742	[1] 130,217	[1] [2] 102,805	[1] 186,519	[1] 205,448
Alabama	[3] 1,481	1,132	4,821	2,493	5,122	5,542	9,514	9,908
California	[4] 6,386	7,098	10,124	7,974	14,216	15,952	22,788	24,602
Illinois	4,459	5,539	7,935	3,368	4,975	4,367	7,228	7,571
Iowa	[5] 2,010	4,849	7,088	3,520	4,606	3,194	6,336	6,807
Kansas	5,656	4,341	6,012	2,337	3,433	3,001	7,132	7,934
Michigan	3,688	4,891	11,511	4,579	8,603	5,839	10,212	11,410
Missouri	4,456	6,018	7,809	3,392	4,968	3,185	8,014	8,503
New York	3,296	5,885	10,373	4,285	8,437	[6] 5,617	[6] 12,133	[6] 13,504
Ohio	1,528	1,780	8,632	3,876	6,664	4,604	9,383	10,035
Pennsylvania	26,676	28,269	37,844	15,502	26,853	15,564	33,350	38,311
Tennessee	[7]	[7]	3,875	2,703	3,808	2,882	5,901	6,727
Texas	[3] 2,287	2,562	6,782	3,787	7,375	8,037	12,463	13,701
Other States	14,627	27,659	38,393	18,925	[1] 31,156	[1] [2] 25,022	[1] 42,067	[1] 46,436
Shipments [8]	[10]	96,312	159,059	75,233	130,350	106,354	187,492	204,305
Imports [11]	307	525	985	619	538	[12]	5	283
Stocks at mills (Dec. 31)	[10]	8,833	25,899	23,065	23,365	16,455	10,012	[13] 11,155

[1] Includes production of Puerto Rico.
[2] Includes production of Hawaii.
[3] Includes Georgia and Tennessee.
[4] Includes Washington.
[5] Includes Kentucky and West Virginia.
[6] Includes Maine.
[7] Included in figures for Alabama for 1910; "Other States," 1920.
[8] Includes Oklahoma.
[9] Including exports made directly by manufacturers and shipments made by them to noncontiguous U. S. Territories and possessions.
[10] Not available.
[11] "Imports for consumption" of portland and other hydraulic cement.
[12] Less than 500 barrels.
[13] Subject to revision.

Source: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 872.—Salt—Production, By States and By Kind, Exports, and Imports: 1880 to 1948

[In short tons (2,000 pounds). Production figures represent sales plus that used by producers; they include Puerto Rico. Imports are imports for consumption. See also *Historical Statistics*, series G 81–82 for production]

YEAR	Production	Exports	Imports	YEAR	Production	Exports	Imports
1880	834,548	1,642	509,703	1930	8,054,440	70,478	54,021
1890	1,242,779	2,464	257,323	1935	7,926,897	112,213	51,245
1900	2,921,708	7,511	199,909	1940	10,359,960	147,044	30,402
1905	3,635,257	34,238	161,159	1945	15,394,141	190,524	4,553
1910	4,242,792	49,013	137,103	1946	15,132,145	223,426	4,253
1915	5,352,409	80,474	122,326	1947	16,053,882	[1] 188,307	1,910
1920	6,840,029	139,272	137,654	1948	16,403,293	368,921	5,621
1925	7,397,500	155,079	85,788				

STATE OR KIND	1925	1930	1935	1940	1945	1947	1948
Production, total	**7,397,500**	**8,054,440**	**7,926,897**	**10,359,960**	**15,394,141**	**16,053,882**	**16,403,293**
Michigan	2,172,600	2,558,290	2,128,171	2,863,035	4,285,493	4,447,269	4,387,879
New York	2,053,970	2,009,280	1,927,822	2,117,671	2,862,224	2,923,023	3,065,831
Ohio	1,173,590	1,311,440	1,487,315	2,080,133	2,764,926	2,975,676	2,752,696
Kansas	812,540	759,800	608,204	684,053	855,806	904,398	831,756
Louisiana	500,350	535,250	702,990	1,132,594	1,867,689	1,955,382	2,223,249
California	292,480	350,370	356,222	469,354	694,609	768,397	914,035
Texas	[2]	[2]	268,809	402,165	1,100,791	1,191,621	1,354,109
Utah	88,150	85,240	57,625	71,472	122,997	113,285	113,779
West Virginia	25,870	28,670	65,968	144,312	370,260	279,300	246,732
Other States	277,950	416,100	323,771	395,171	469,346	495,531	513,227
By kinds:							
Manufactured (evaporated)	2,235,170	2,358,610	2,330,042	2,782,741	3,182,570	3,158,718	3,207,403
In brine	2,819,690	3,718,460	3,837,613	5,311,671	8,705,831	9,140,811	9,349,044
Rock salt	2,342,640	1,977,370	1,759,242	2,265,548	3,505,740	3,754,353	3,846,846
Total value [3] (dollars)	26,162,361	25,009,480	21,837,911	26,474,619	43,914,406	52,191,688	54,331,782

[1] Excludes 96,479 tons shipped under U. S. Army Civilian Supply Program.
[2] Included in "Other States."
[3] F. o. b. mine or refinery; values exclude cost of cooperage or containers.

No. 873.—Stone—Sales, by Kind and by Use: 1942 to 1948

[See also *Historical Statistics*, series G 75–76 for total]

VARIETY AND USE	QUANTITY SOLD, THOUSANDS OF SHORT TONS (2,000 POUNDS) [1]							VALUE, (1,000 DOLLARS)	
	1942	1943	1944	1945	1946	1947	1948	1947	1948
Total	**195,884**	**171,343**	**155,580**	**153,405**	**178,852**	**207,555**	**225,535**	**289,344**	**328,985**
Granite	14,065	9,240	7,395	7,740	11,119	12,443	13,686	34,123	38,807
Basalt and related rocks	17,627	14,385	14,043	14,911	16,400	19,616	20,655	25,755	29,917
Sandstone	6,701	7,408	6,427	4,387	4,254	6,809	7,290	16,587	18,049
Marble	170	169	153	171	205	228	276	10,253	10,421
Limestone	142,488	128,980	115,506	112,574	134,717	150,409	166,742	186,548	215,451
All other	14,835	11,160	12,055	13,622	12,156	18,050	16,887	16,078	16,339
Building stone	481	319	200	382	707	739	981	18,611	24,909
Monumental	226	210	243	251	300	312	307	19,815	20,541
Paving blocks	19	7	4	2	5	5	3	56	33
Curbing	25	12	17	13	30	52	63	1,110	1,382
Flagging	52	32	21	21	38	41	41	586	585
Rubble	544	253	135	390	293	269	276	715	574
Riprap	8,764	4,950	4,011	4,801	3,848	5,733	5,707	6,514	7,553
Crushed stone	125,268	99,648	83,081	85,373	107,267	123,428	139,723	139,320	166,196
Furnace flux, limestone and marble	30,263	[2] 31,571	[2] 31,080	[2] 27,640	[2] 25,158	[2] 32,570	34,902	[2] 28,688	34,250
Refractory stone	2,718	2,708	2,314	2,527	2,088	2,704	2,557	5,537	6,531
Agricultural limestone	13,745	14,522	18,941	17,396	22,782	22,606	20,942	35,076	32,035
Other uses	13,779	17,113	15,534	14,610	16,335	19,096	20,033	33,317	34,396

[1] Quantities of stones not sold by short ton are expressed in approximate equivalents in short tons; expressed in their selling units, quantities for 1948 are as follows: Building stone (cut stone, slabs, and mill blocks), 9,208,020 cubic feet; monumental stone, 3,724,250 cubic feet; paving blocks, 392,110 (number); curbing, 769,300 cubic feet; and flagging, 520,420 cubic feet.
[2] Limestone only.

Source of tables 872 and 873: Department of the Interior, Bureau of Mines; Minerals Yearbook.

No. 874.—Employment and Injuries in Mineral Industries: 1935 to 1948

Year	Average days active	Working		Man-days worked	Killed	Injured		Rate [1]		
		Average number	Equivalent in 300-day workers			Total	Except coal mines	Killed	Injured	
									Total	Except coal mines
1935	195	783,139	507,847	152,354,170	1,495	82,220	16,645	2.9	161.9	98.3
1936	216	824,514	593,068	177,920,334	1,686	92,644	23,068	2.8	156.2	109.8
1937	217	859,951	622,634	186,790,283	1,759	96,484	28,207	2.8	155.0	117.7
1938	187	774,894	483,523	145,056,875	1,369	71,618	20,304	2.8	148.1	107.3
1939	202	788,925	531,295	159,388,490	1,334	75,495	21,480	2.5	142.1	102.5
1940	219	801,926	585,546	175,663,792	1,716	82,861	23,080	2.9	141.5	99.7
1941	234	835,095	651,417	195,425,228	1,621	90,319	26,854	2.5	138.7	102.0
1942	260	802,640	695,800	208,739,906	1,862	94,465	24,901	2.7	135.8	93.8
1943	277	747,645	691,387	207,416,144	1,799	88,449	23,855	2.6	127.93	90.5
1944	287	677,005	648,434	194,530,188	1,571	83,451	19,760	2.4	128.70	88.4
1945	271	637,220	575,575	172,672,431	1,270	73,411	16,294	2.2	127.54	82.5
1946	240	676,254	542,102	162,630,674	1,167	72,805	17,455	2.2	134.30	89.1
1947 [2]	260	700,536	606,830	182,049,005	1,414	77,459	19,259	2.3	127.65	85.3
1948 [2]	250	722,300	602,403	180,721,000	1,229	71,450	17,495	2.0	118.61	74.9

[1] Number killed, or injured per 1,000 300-day workers. [2] Preliminary.

No. 875.—Employment and Injuries in Mineral Industries, by Industry Groups, 1948 and Earlier Years

[See also *Historical Statistics* series G 131–144 and G 156]

Year	Working		Killed	Injured		Year	Working		Killed	Injured	
	Avg. number	Equivalent in 300-day workers		Temporary	Permanent		Avg. number	Equivalent in 300-day workers		Temporary	Permanent
Metal mines: [1]						**Metallurgical plants—Con.**					
1915	152,118	141,997	553	34,686	609	1943	64,735	72,542	31	4,443	223
1920	136,583	134,540	425	32,205	357	1944	58,085	63,710	38	3,928	230
1925	126,713	123,908	371	34,458	674	1945	46,467	50,893	19	3,106	165
1930	103,233	92,900	271	15,091	503	1946	44,954	42,608	20	2,608	186
1935	92,314	67,841	164	9,953	253	1947	49,082	51,175	21	2,975	253
1940	120,120	96,822	223	14,343	423	1948	47,768	50,403	14	2,501	248
1943	100,593	97,387	220	12,571	433	**Coke ovens:**					
1944	81,674	78,406	147	9,757	420	1916	31,603	34,119	45	5,154	83
1945	71,665	68,963	112	7,757	310	1920	28,139	29,921	49	3,336	79
1946	76,546	65,115	116	8,347	367	1925	23,254	24,054	28	1,652	44
1947	83,404	77,073	138	9,240	361	1930	19,855	22,936	28	990	32
1948	83,386	78,522	119	8,416	391	1935	16,125	17,251	10	304	21
Quarries:						1940	19,962	22,579	15	522	22
1915	100,740	82,447	148	9,148	523	1943	25,765	29,825	17	941	45
1920	86,488	77,089	178	10,880	337	1944	24,766	28,958	15	952	36
1925	91,872	83,487	149	13,713	452	1945	22,987	26,383	18	801	34
1930	80,633	68,531	105	7,152	265	1946	21,410	24,016	8	775	35
1935	73,005	48,744	51	4,023	129	1947	23,705	27,644	15	882	44
1940	79,509	63,737	72	5,016	172	1948	25,157	29,326	20	883	34
1943	69,877	63,785	80	5,059	140	**Coal mines:**					
1944	58,476	52,302	73	4,322	115	1911	728,348	532,565	2,656	([4])	([4])
1945	58,180	51,253	53	4,032	89	1915	734,008	511,598	2,269	([4])	([4])
1946	70,265	64,206	55	4,976	161	1920	784,621	601,283	2,272	([4])	([4])
1947	75,245	69,988	75	5,315	189	1925	748,805	480,227	2,234	([4])	([4])
1948 [2]	78,200	73,507	73	[3] 5,010	------	1930	644,006	412,979	2,063	101,093	2,728
Metallurgical plants:						1935	565,202	338,572	1,242	63,701	1,874
1916	80,201	88,596	83	14,863	217	1940	533,267	354,130	1,388	57,630	2,151
1920	59,232	65,587	61	8,714	149	1943	486,516	427,656	1,451	63,281	1,313
1925	58,935	66,220	44	7,480	231	1944	453,937	424,998	1,208	62,381	1,310
1930	40,787	44,403	25	2,570	156	1945	437,921	378,079	1,068	56,008	1,109
1935	36,493	35,438	28	1,843	119	1946	463,079	346,157	968	54,346	1,004
1940	49,068	48,278	18	2,438	144	1947 [2]	469,100	380,950	1,165	[3] 58,200	------
						1948 [2]	485,600	370,047	1,010	[3] 54,045	------

[1] Includes data for mines producing nonmetallic minerals other than coal.
[2] Preliminary. [3] Includes permanent. [4] Not available.

Source of tables 874 and 875: Department of the Interior, Bureau of Mines; annual bulletins, Metal Mine Accidents, Quarry Accidents, Accidents at Metallurgical Plants, Coke Oven Accidents, and Coal Mine Accidents.

29. Construction and Housing

Construction.—Monthly estimates of the value of work put in place are probably the most widely used of the current Federal statistics on construction. These estimates are prepared jointly by the Department of Commerce and the Bureau of Labor Statistics. Estimates of private nonresidential construction activity are primarily the responsibility of the Department of Commerce. Publicly financed construction of all types and housing construction activity are primarily the responsibilities of the Bureau of Labor Statistics.

Estimates of privately financed nonresidential construction such as stores, warehouses, and factories are based primarily on F. W. Dodge Corporation reports of construction contracts awarded, supplemented by building permit data for States which the Dodge Corp. does not cover. Public utility construction estimates are derived from data reported by the Interstate Commerce Commission and other Federal regulatory agencies, and by private associations such as the American Gas Association and the American Transit Association.

A considerable number of Federal agencies administer construction programs or award contracts for construction; some of them engage in construction themselves. In this field, construction activity data are derived by the Bureau of Labor Statistics from the reports of the respective Federal agencies. Data on other State and local governmental construction activity are obtained from F. W. Dodge Corporation and Engineering News Record reports.

Estimates of residential construction activity, including number of housing units started, average construction costs, and number of units per structure, are based primarily upon reports of building permits granted which are received from approximately 4,000 permit-granting authorities. Field surveys on a sample basis are used to obtain data on construction activity in nonpermit areas. Sample field surveys are also conducted in permit areas to determine such factors as the proportion of permits allowed to lapse, the time lag between the grant of the permit and the date of start, the relationship between permit valuation and contract valuation, and the length of the building period. During 1946 and 1947 these national figures on housing units started and on average construction costs were supplemented by national data on units completed and by corresponding data for each of 60 local areas. The current program of the Bureau of Labor Statistics provides monthly estimates of the number of housing starts in the nation as a whole, but the series on completions and the local area data have been discontinued.

The Bureau of the Census has taken a Census of Construction for 1929, 1935, and 1939. The last census covered all persons or establishments whose principal business in 1939 was utilizing construction materials and labor in construction work for others, or for themselves for speculative and investment purposes on projects located within the limits of continental United States. Because the Census excluded force account work, its coverage was substantially less than current estimates of value of work put in place.

Housing.—The first national Census of Housing was taken in 1940 by the Bureau of the Census as part of the Sixteenth Decennial Census and provided comprehensive data on housing characteristics. (See tables 896–906, 908.) In contrast, collection of current statistics on housing places emphasis upon data directed toward the administrative needs of specific programs. Data on housing characteristics, roughly comparable to those collected in the 1940 Census of Housing, were collected in April 1947 and May 1948 by the Bureau of the Census in its current population survey.

Data on home mortgages and foreclosures are provided by the Home Loan Bank Board. The Federal Housing Administration compiles data on its real estate financial operations, such as volume of mortgages insured, type of lending institution, etc.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series H 1–25") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 876.—Construction in the United States—Estimated Expenditures for Private and Public Construction: 1932 to 1949

[Represents value of work put-in-place during year; consequently differs from building permit and construction contract data which measure value of work started. In addition, coverage generally broader than permit and contract data. Includes value and cost of installation of equipment which is integral part of structure, but not that of machinery, shipbuilding, or land costs. See also *Historical Statistics*, series H 1-25. Revisions of these statistics by Office of Domestic Commerce were in process at time this table was sent to press]

[In millions of dollars]

TYPE OF CONSTRUCTION	1932	1933	1934	1935	1936	1937	1938	1939	1940
Total	**5,684**	**4,782**	**5,976**	**6,483**	**9,332**	**9,845**	**9,873**	**10,938**	**11,600**
New construction, total	3,200	2,376	2,805	3,230	4,836	5,487	5,186	6,307	7,042
Private, total	1,467	1,012	1,235	1,676	2,550	3,390	3,076	3,808	4,390
Residential (excl. farm)[1]	462	278	361	665	1,131	1,372	1,511	2,114	2,355
Nonresidential building	499	404	455	472	712	1,088	764	785	1,028
Industrial[2]	74	176	191	158	266	492	232	254	442
Warehouses, office and loft bldgs	110	41	62	70	104	128	89	76	85
Stores, restaurants and garages	106	86	107	136	179	250	190	211	257
Other nonresidential	209	101	95	108	163	218	253	244	244
Farm construction	39	69	93	176	189	225	196	226	236
Residential	26	43	54	96	104	118	104	120	127
Nonresidential	13	26	39	80	85	107	92	106	109
Public utility	467	261	326	363	518	705	605	683	771
Railroad	139	94	128	116	149	199	119	137	167
Telephone and telegraph	87	45	47	52	67	102	92	93	122
Other public utility	241	122	151	195	302	404	394	453	482
Public, total	1,823	1,364	1,570	1,554	2,286	2,097	2,110	2,499	2,652
Residential			1	9	61	93	35	65	200
Nonresidential building	392	205	286	278	604	470	508	859	556
Industrial[2]	(2)	2	11	2	4	2	12	23	164
Educational	123	43	110	130	323	221	266	418	132
Hospital and institutional	78	43	41	31	63	62	83	114	50
Other nonresidential	191	117	124	115	214	185	207	304	210
Military and naval	34	36	47	37	29	37	62	125	385
Highway	961	809	826	709	927	902	858	867	882
Sewer and water	156	81	116	137	208	174	179	162	194
Misc. public service enterprises	135	61	41	59	111	101	94	91	90
Conservation and development	139	168	245	317	339	310	299	310	310
All other public	6	4	8	8	7	10	15	20	35
Work relief		161	658	490	1,359	924	1,403	1,189	918
Maintenance and repair	2,394	2,245	2,513	2,763	3,197	3,434	3,284	3,442	3,640

TYPE OF CONSTRUCTION	1941	1942	1943	1944	1945	1946	1947	1948	1949
Total	**15,196**	**17,757**	**12,005**	**8,636**	**9,782**	**16,354**	**21,765**	**26,810**	**27,929**
New construction, total	10,490	13,412	7,784	4,136	4,808	10,464	14,324	18,775	19,329
Private, total	5,426	3,007	1,744	1,823	2,716	8,253	11,179	14,563	14,059
Residential (excl. farm)[1]	2,765	1,315	650	535	684	3,183	5,260	7,223	7,025
Nonresidential building	1,486	635	232	350	1,014	3,346	3,131	3,578	3,178
Industrial	801	346	156	208	642	1,689	1,702	1,397	974
Warehouses, office and loft bldgs	114	57	13	16	52	309	216	323	294
Stores, restaurants and garages	286	93	19	39	147	801	619	901	707
Other nonresidential	285	139	44	87	173	547	594	957	1,203
Farm construction	303	271	292	213	191	350	450	500	450
Residential	174	144	185	136	116	212	250	275	250
Nonresidential	129	127	107	77	75	138	200	225	200
Public utility	872	786	570	725	827	1,374	2,338	3,262	3,406
Railroad	187	197	211	247	264	258	318	379	389
Telephone and telegraph	179	155	61	83	117	305	510	713	575
Other public utility	506	434	298	395	446	811	1,510	2,170	2,442
Public, total	5,064	10,405	6,040	2,313	2,092	2,211	3,145	4,212	5,270
Residential	430	545	700	190	71	369	186	85	215
Nonresidential building	1,584	3,653	1,805	638	652	325	505	1,057	1,665
Industrial	1,280	3,437	1,668	507	470	84	25	20	5
Educational	135	116	62	41	59	101	275	567	850
Hospital and institutional	34	32	43	58	85	85	81	219	455
Other nonresidential	135	68	32	32	38	55	124	251	355
Military and naval	1,620	5,016	2,550	837	690	188	204	137	120
Highway	800	616	420	346	386	778	1,300	1,585	1,670
Sewer and water	168	139	102	79	97	194	331	481	570
Misc. public service enterprises	63	36	43	46	55	87	117	108	95
Conservation and development	354	350	285	163	130	240	386	597	745
All other public	45	50	135	14	11	30	116	162	190
Work relief	711	330	38						
Maintenance and repair	3,995	4,015	4,183	4,500	4,974	5,890	7,441	8,035	8,600

[1] Estimates of new private nonfarm residential construction prepared by Bureau of Labor Statistics.
[2] Public industrial building not separable from private construction in 1932.

Source: Estimates of new construction for 1939–49 are joint estimates of Dept. of Commerce, Office of Domestic Commerce, and Dept. of Labor, Bureau of Labor Statistics; other data except as indicated in note 1, are estimates of Office of Domestic Commerce. Current estimates are published monthly in the Industry Report on Construction and Construction Materials and in the Survey of Current Business.

No. 877.—Building Construction in All Urban Areas—Value, by Class of Construction and by Source of Funds: 1948 and 1949

[**In thousands of dollars.** Compiled from estimates of construction costs made by prospective builders when applying for permits to build and value of contracts awarded by Federal Government. Covers entire urban area of United States which includes all incorporated places of 2,500 or more in 1940 and, by special rule, a small number of unincorporated civil divisions]

CLASS OF CONSTRUCTION	TOTAL		NON-FEDERAL		FEDERAL [1]	
	1948	1949	1948	1949	1948	1949
All building construction	6,971,576	7,379,899	6,597,736	6,729,826	373,840	650,073
New buildings	5,967,027	6,443,054	5,618,689	5,816,828	348,338	626,226
Residential buildings [1]	3,600,297	4,042,361	3,460,971	3,756,942	139,326	285,419
1-family dwellings	2,753,208	2,846,844	2,745,219	2,839,222	7,989	7,622
2-family dwellings [2]	187,810	142,166	181,493	132,332	6,317	9,834
Multifamily dwellings [3]	621,245	1,013,624	496,225	745,661	125,020	267,963
Nonhousekeeping buildings	38,034	39,727	38,034	39,727		
Nonresidential buildings	2,366,730	2,400,693	2,157,718	2,059,886	209,012	340,807
Amusement buildings	98,357	99,000	98,357	99,000		
Churches	160,551	180,201	160,551	180,201		
Factories and workshops	299,286	202,441	299,286	202,441		
Public garages	77,339	47,439	77,339	47,439		
Private garages	91,871	90,628	91,871	90,628		
Service stations	29,823	40,940	29,823	40,940		
Institutions	303,502	386,240	115,808	129,161	187,694	257,079
Office buildings	134,298	124,619	134,298	124,619		
Public buildings	74,414	150,075	54,546	68,349	19,868	81,726
Public works and utilities	148,681	159,642	148,681	159,642		
Schools and libraries	324,548	438,934	323,098	436,932	1,450	2,002
Sheds, stables and barns	13,798	10,537	13,798	10,537		
Stores and warehouses	586,734	439,266	586,734	439,266		
All other	23,528	30,731	23,528	30,731		
Additions, alterations and repairs	1,004,549	936,845	979,047	912,998	25,502	23,847

[1] Housing financed solely by State and local governments is included under "Federal" to segregate public from private housing.
[2] Includes 1- and 2-family dwellings with stores. [3] Includes multifamily dwellings with stores.

Source: Department of Labor, Bureau of Labor Statistics; annual and current data are published in the monthly pamphlet, Construction, in monthly releases, and in the Monthly Labor Review.

No. 878.—Construction Projects Financed Wholly or Partially From Federal Funds—Value of Contracts Awarded and Force Account Work Started: 1935 to 1949

[**In thousands of dollars.** Covers continental U. S. only, excluding unknown value of some secret work]

TYPE OF PROJECT	1935	1939	1941	1943	1945	1947	1948	1949
Total	1,478,073	1,586,604	5,931,536	2,506,786	902,265	1,298,015	1,722,157	1,934,869
Airport construction [1]	(2)	4,753	499,427	243,443	41,219	25,075	55,577	49,317
Building construction:								
Residential	[3] 7,833	231,071	322,248	375,471	53,133	51,309	8,355	30,317
Nonresidential	434,949	438,151	4,099,883	1,322,608	563,868	227,389	350,454	606,370
Electrification [4]	5,497	29,775	4,125	12,299	4,608	7,157	22,887	24,280
Reclamation	158,027	115,612	41,880	101,270	30,765	75,483	147,732	188,883
River, harbor, and flood control	280,698	109,811	157,804	54,467	41,385	232,212	347,139	312,754
Streets, roads, and highways [5]	381,037	355,701	446,903	161,852	100,969	659,645	767,460	690,469
Water and sewerage	136,243	118,131	23,672	37,694	23,020	8,176	5,036	6,157
Miscellaneous [6]	73,789	183,599	335,594	197,682	43,298	11,569	17,517	26,322

[1] Exclusive of hangars and other buildings.
[2] Included in miscellaneous.
[3] Includes nonresidential construction at site of 3 Resettlement Administration projects for which breakdown of residential and nonresidential costs is not available.
[4] Excludes loans granted by Rural Electrification Administration.
[5] Includes work under jurisdiction of Bureau of Public Roads.
[6] Includes forestry and railroad construction and repair projects.

Source: Department of Labor, Bureau of Labor Statistics; current data published in Monthly Labor Review.

No. 879.—New Permanent Dwelling Units Started in Nonfarm Areas, by Type: 1920 to 1949

[Figures are estimates covering construction of all new permanent family dwelling units in nonfarm area of United States, based upon building-permit reports, and from 1946, on building-permit information, supplemented by data from field surveys in non-permit-issuing places. This area consists of all urban and rural nonfarm places. Urban designation is applied to all incorporated places with a population of 2,500 or more in 1940, and, by special rule, to a small number of unincorporated civil divisions. Rural nonfarm construction includes all construction for nonagricultural use in unincorporated areas and incorporated places of less than 2,500 population. Hence, urban construction is classified by location, whereas rural nonfarm construction is classified according to the intended use of individual buildings. The series published formerly in the Statistical Abstract included temporary as well as permanent dwelling units from 1941. The official series of the Bureau of Labor Statistics now excludes temporary units, as such units do not add to the country's lasting inventory of housing. See also *Historical Statistics*, series H 40–45; data for 1941–1945 presented here do not agree with those shown in historical volume because the latter include temporary units for those years]

Year	Total nonfarm	Area [1]		Type of dwelling		
		Urban	Rural nonfarm	1-family	2-family [2]	Multifamily [3]
1920	247,000	196,000	51,000	202,000	24,000	21,000
1921	449,000	359,000	90,000	316,000	70,000	63,000
1922	716,000	574,000	142,000	437,000	146,000	133,000
1923	871,000	698,000	173,000	513,000	175,000	183,000
1924	893,000	716,000	177,000	534,000	173,000	186,000
1925	937,000	752,000	185,000	572,000	157,000	208,000
1926	849,000	681,000	168,000	491,000	117,000	241,000
1927	810,000	643,000	167,000	454,000	99,000	257,000
1928	753,000	594,000	159,000	436,000	78,000	239,000
1929	509,000	400,000	109,000	316,000	51,000	142,000
1930	330,000	236,000	94,000	227,000	29,000	74,000
1931	254,000	174,000	80,000	187,000	22,000	45,000
1932	134,000	64,000	70,000	118,000	7,000	9,000
1933	93,000	45,000	48,000	76,000	5,000	12,000
1934	126,000	49,000	77,000	109,000	5,000	12,000
1935	221,000	117,000	104,000	183,000	8,000	30,000
1936	319,000	211,000	108,000	244,000	14,000	61,000
1937	336,000	218,000	118,000	267,000	16,000	53,000
1938	406,000	262,000	144,000	317,000	18,000	71,000
1939	515,000	359,000	156,000	399,000	29,000	87,000
1940	603,000	397,000	206,000	486,000	37,000	80,000
1941	706,100	434,300	271,800	603,500	34,300	68,300
1942	356,000	227,400	128,600	292,800	20,100	43,100
1943	191,000	124,400	66,600	143,600	17,800	29,600
1944	141,900	96,200	45,700	117,700	10,600	13,600
1945	209,300	133,900	75,400	184,600	8,800	15,900
1946	670,500	403,600	266,900	590,000	24,300	56,200
1947	849,000	479,800	369,200	740,200	33,900	74,900
1948	931,600	524,900	406,700	766,600	46,900	118,100
1949	1,025,100	588,800	436,300	794,300	36,500	194,300

[1] Urban and rural nonfarm classification for years 1920–29 are based on 1930 Census; for years 1930–49, on 1940 Census.
[2] Includes 1- and 2-family dwellings with stores.
[3] Includes multifamily dwellings with stores.

Source: 1920–29, National Bureau of Economic Research; 1930 and later years, Department of Labor, Bureau of Labor Statistics. Annual and current data are published in monthly releases and in the monthly pamphlet, Construction.

No. 880.—Construction Contracts Awarded in 37 States—Value of Construction and Floor Space of Buildings, by Class of Construction: 1927 to 1949

[For State figures, see table 881. Public works and public utilities cover some projects not measurable in terms of floor space, such as highways, pipe lines, subways, etc. Statistics for the 37 States were not compiled for years prior to 1925, but available figures covering a varying number of States for earlier years have been published in the 1932 and previous issues of the *Statistical Abstract*. Figures for the individual States and districts in table 881 represent the value of construction contracts awarded in the States and districts where the work was actually done. See also *Historical Statistics*, series H 51–57]

[Values in millions of dollars; floor space in thousands of square feet]

YEAR	Total	Residential	Commercial [1]	Manufacturing buildings [2]	Public works	Public utilities [1 2]	Educational	Hospital and institutional	Public buildings	Religious	Social and recreational	Miscellaneous nonresidential
VALUE OF CONSTRUCTION												
1927	6,303.1	2,573.3	932.9	375.9	972.9	318.3	368.9	162.5	79.5	156.5	260.9	101.5
1928	6,628.3	2,788.3	884.6	508.8	984.4	417.4	390.0	164.7	76.2	127.9	218.8	67.0
1929	5,750.8	1,915.7	929.2	545.9	940.1	469.6	369.6	152.2	120.8	106.1	146.6	54.9
1930	4,523.1	1,101.3	616.3	256.6	969.6	629.8	366.2	163.1	139.8	92.8	116.6	70.9
1931	3,092.8	811.4	311.1	116.2	880.9	259.9	223.4	121.2	181.3	53.1	98.7	35.8
1932	1,351.2	280.1	122.7	43.5	521.1	62.4	80.7	48.4	118.0	27.3	33.9	13.2
1933	1,255.7	249.3	99.4	127.5	504.5	84.5	38.9	37.3	50.9	17.7	27.2	18.7
1934 [3]	1,543.1	248.8	150.6	116.1	631.6	111.5	112.3	37.3	55.7	18.3	46.2	14.7
1935	1,844.5	478.8	164.5	108.9	589.1	95.7	168.3	47.1	97.8	23.7	54.9	16.0
1936	2,675.3	801.6	249.1	198.0	721.8	192.1	219.0	74.1	102.2	28.3	74.9	14.2
1937	2,913.1	905.3	297.0	313.7	588.7	262.9	223.2	81.8	104.9	36.9	83.8	14.8
1938	3,196.9	985.8	215.8	121.1	850.2	288.8	334.1	115.6	114.1	35.8	108.0	27.7
1939	3,550.5	1,334.3	246.9	174.8	961.7	289.0	201.4	82.9	110.0	38.4	82.2	28.9
1940	4,004.0	1,596.9	318.3	442.4	831.3	281.1	147.2	94.1	80.2	45.7	62.6	104.2
1941	6,007.5	1,953.8	471.2	1,181.5	1,109.3	628.7	140.9	88.5	89.4	52.5	78.1	213.6
1942	8,255.1	1,817.7	302.2	2,227.5	1,302.5	1,238.1	147.9	184.9	101.6	23.5	101.3	807.7
1943	3,274.0	867.8	120.7	766.2	470.6	511.4	62.4	110.7	24.7	7.1	58.2	274.2
1944	1,994.0	348.4	80.8	472.7	429.6	316.6	69.2	59.2	11.9	11.6	32.7	161.3
1945	3,299.3	563.5	346.4	1,027.0	482.6	402.8	100.2	112.6	15.9	34.8	60.3	153.2
1946	7,489.7	3,142.1	773.2	1,317.3	1,194.7	436.6	221.4	130.9	25.1	67.6	92.5	88.3
1947	7,759.9	3,153.8	785.5	941.4	1,344.0	546.4	391.9	192.0	73.1	117.5	122.1	92.2
1948	9,429.6	3,608.0	975.0	839.8	1,627.1	528.0	724.6	404.9	83.5	245.2	232.4	161.0
1949	10,359.2	4,239.4	885.0	558.6	1,778.6	697.4	824.4	554.8	118.9	275.5	222.1	204.7
FLOOR SPACE OF BUILDINGS												
1927	850,578	494,565	141,815	68,131	918	4,535	53,917	18,802	9,943	17,192	33,520	7,240
1928	966,558	568,382	159,192	92,902	609	3,496	61,490	20,004	11,288	15,398	28,012	5,785
1929	791,099	387,670	161,264	105,524	450	5,353	58,639	19,496	12,626	12,818	21,457	5,802
1930	510,382	230,040	96,586	48,019	826	7,611	56,955	19,121	17,023	10,864	16,089	7,248
1931	365,841	160,274	50,037	20,100	496	4,550	36,598	16,880	24,257	5,578	14,018	3,044
1932	155,577	73,607	23,884	9,048	575	1,219	13,710	7,319	16,198	3,518	5,535	964
1933	147,053	72,783	22,551	18,985	170	1,491	5,523	5,598	9,474	2,633	5,606	2,239
1934	152,394	64,255	28,261	17,566	292	1,804	16,775	4,222	9,425	2,650	6,532	612
1935	251,558	135,416	35,391	20,638	915	1,077	26,046	6,176	13,522	3,534	7,909	934
1936	409,676	222,514	57,178	40,291	1,038	3,360	41,985	10,369	14,282	4,312	12,852	1,495
1937	446,084	235,515	62,283	60,816	1,301	5,197	36,489	11,411	12,464	5,730	13,544	1,334
1938	429,028	240,568	41,789	25,246	1,038	1,679	57,022	17,235	15,564	5,303	17,691	5,893
1939	513,380	332,656	48,798	44,268	603	1,319	34,418	11,593	15,121	6,213	12,371	6,020
1940	690,459	420,531	66,588	94,772	330	1,536	24,761	14,401	11,869	7,108	11,909	36,653
1941	956,719	502,676	105,851	187,923	11,647	2,104	24,499	15,394	14,453	8,567	14,761	68,844
1942	1,314,220	449,454	74,079	446,055	13,400	3,837	30,586	34,083	19,806	3,477	23,326	216,117
1943	448,244	200,647	22,171	105,822	1,851	1,090	11,969	19,947	4,754	1,001	12,862	66,130
1944	234,549	73,955	12,490	84,356	1,290	3,748	9,797	7,637	1,999	1,420	5,096	32,769
1945	412,423	111,244	63,197	158,207	1,348	13,701	12,453	11,331	1,858	4,569	8,097	26,423
1946	959,610	516,256	118,563	235,238	919	10,537	25,883	15,245	2,211	8,404	11,292	15,060
1947	831,965	478,713	100,043	142,990	648	3,943	41,042	19,915	6,320	12,282	14,235	11,838
1948	850,651	464,256	100,602	109,693	243	1,046	72,345	35,487	6,184	21,162	21,972	17,664
1949	869,366	520,477	86,446	61,143	14	5,216	79,048	42,076	7,726	24,598	20,992	21,638

[1] Data for airports now included with "Public utilities"; prior to 1930, included with "Commercial."
[2] Data for pipe lines now included with "Public utilities"; prior to 1929, included with "Manufacturing buildings."
[3] Excludes data for 23 Civil Works Program projects, valued at $29,551,900, not available by class of construction.

Source: The F. W. Dodge Corporation, New York, N. Y.; Statistical and Research Division, historical record. Figures published currently in Statistical Research Service.

No. 881.—Construction Contracts Awarded in 37 States—Value, by Districts and States: 1942 to 1949

[Value in thousands of dollars. See headnote, table 880]

DISTRICT AND STATE	1942	1943	1944	1945	1946	1947	1948	1949
Total (37 states)	**8,255,061**	**3,273,990**	**1,994,016**	**3,299,303**	**7,489,722**	**7,759,868**	**9,429,618**	**10,359,250**
New England	**415,903**	**190,756**	**88,778**	**164,627**	**563,411**	**526,097**	**605,599**	**643,220**
Connecticut	94,175	54,901	23,623	55,313	172,129	167,034	183,686	192,274
Maine	47,967	27,427	6,531	6,816	38,347	24,729	25,974	29,705
Massachusetts	152,946	74,113	39,988	82,895	292,511	264,260	304,173	330,944
New Hampshire	19,344	2,789	3,456	4,704	17,367	23,131	27,845	25,492
Rhode Island	96,466	27,038	13,980	12,121	29,741	29,868	45,983	46,379
Vermont	5,005	4,488	1,200	2,778	13,316	17,075	17,938	18,426
Metrop. N. Y. and No. N. J.	**421,722**	**165,443**	**156,949**	**247,454**	**897,443**	**968,350**	**1,111,608**	**1,440,153**
Northern New Jersey	195,810	72,986	103,743	101,618	307,756	299,750	346,460	332,476
Metropolitan New York [1]	225,912	92,457	53,206	145,836	589,687	668,600	765,148	1,107,677
Upstate New York [2]	**316,581**	**77,604**	**54,612**	**79,289**	**269,767**	**253,333**	**383,280**	**428,937**
Middle Atlantic	**1,167,468**	**485,371**	**337,381**	**458,308**	**958,407**	**963,233**	**1,227,366**	**1,358,431**
Delaware	34,192	15,332	7,837	13,913	17,918	25,231	57,226	51,932
District of Columbia	101,974	33,682	30,382	41,510	61,633	78,948	71,980	128,777
Maryland	228,822	106,942	83,951	101,725	297,933	270,502	326,085	371,813
Southern New Jersey	38,089	39,487	14,157	30,745	71,995	54,809	65,213	75,531
Eastern Pennsylvania	351,385	116,686	93,807	157,784	316,033	342,441	507,304	472,122
Virginia	413,006	173,242	107,247	112,631	192,895	191,302	199,558	258,256
Southeast	**1,113,353**	**703,820**	**256,159**	**483,917**	**1,025,337**	**939,611**	**1,115,920**	**1,232,589**
Alabama	204,128	65,493	30,484	50,870	141,245	118,908	128,234	176,354
Florida	290,697	164,556	81,256	106,027	287,847	344,728	392,092	361,983
Georgia	188,641	73,711	42,300	66,759	195,737	149,219	181,531	215,067
North Carolina	170,694	91,438	46,293	80,564	180,286	161,038	188,367	193,873
South Carolina	110,324	52,160	21,784	21,948	119,020	76,651	88,581	101,267
Eastern Tennessee	148,869	256,462	34,042	157,749	101,202	89,067	137,115	184,045
Pittsburgh	**252,198**	**62,975**	**61,515**	**91,797**	**245,649**	**278,969**	**358,806**	**391,058**
Western Pennsylvania	182,181	40,654	35,799	60,953	161,577	209,821	256,578	319,132
West Virginia	70,017	22,321	25,716	30,844	84,072	69,148	102,228	71,926
Cleveland (North and East Ohio)	**369,341**	**146,942**	**99,071**	**184,027**	**431,438**	**383,979**	**466,597**	**499,263**
Cincinnati	**268,437**	**105,345**	**46,605**	**110,110**	**235,520**	**243,670**	**255,387**	**310,462**
Kentucky	169,822	34,954	22,338	45,565	100,582	115,807	119,747	156,016
Southwest Ohio	98,615	70,391	24,267	64,545	134,938	127,863	135,640	154,446
Southern Michigan	**260,062**	**160,769**	**85,619**	**173,979**	**390,318**	**412,591**	**478,770**	**542,129**
Chicago	**1,035,388**	**273,449**	**258,952**	**509,695**	**963,007**	**889,136**	**1,194,665**	**1,139,760**
Northern Illinois	363,617	119,354	99,007	201,114	426,158	408,970	557,828	504,151
Indiana	403,562	89,772	66,032	184,712	253,837	198,233	244,090	236,055
Iowa	65,255	35,785	33,297	48,792	118,846	95,186	156,793	150,225
Northern Michigan	36,954	908	2,551	2,680	12,254	9,228	19,545	17,779
Southeast Wisconsin	166,000	27,630	58,065	72,397	151,912	177,517	216,409	231,550
St. Louis	**510,643**	**126,918**	**110,985**	**214,991**	**320,689**	**463,972**	**500,581**	**512,815**
Arkansas	153,499	44,555	42,251	76,568	88,103	108,283	105,623	101,010
Southern Illinois	186,355	38,597	30,531	46,043	65,597	154,580	145,805	139,903
Eastern Missouri	87,946	20,097	27,800	63,314	105,385	131,466	167,734	191,626
Western Tennessee	82,843	23,669	10,403	29,066	61,604	69,643	81,419	80,276
New Orleans	**381,612**	**121,203**	**73,481**	**70,413**	**119,327**	**231,356**	**271,939**	**315,887**
Louisiana	182,789	82,345	52,796	46,312	74,638	151,823	199,217	227,495
Mississippi	198,823	38,858	20,685	24,101	44,689	79,533	72,722	88,392
Minneapolis	**251,889**	**39,695**	**40,823**	**83,335**	**243,648**	**241,288**	**299,249**	**392,873**
Minnesota	153,613	18,548	27,967	56,635	170,748	150,349	182,226	207,009
North Dakota	3,445	3,710	4,400	6,703	22,747	37,487	45,685	84,745
South Dakota	36,899	13,090	4,228	7,626	28,381	30,298	39,529	70,256
Northwest Wisconsin	57,932	4,347	4,228	12,371	21,772	23,154	31,809	30,863
Kansas City	**652,231**	**294,432**	**163,230**	**162,757**	**292,252**	**340,128**	**443,687**	**475,273**
Kansas	264,352	80,025	67,551	49,511	92,988	118,475	122,978	152,524
Western Missouri	69,500	11,266	16,048	30,080	59,315	53,917	81,051	86,656
Nebraska	158,808	83,150	43,447	38,217	50,025	64,368	99,679	73,507
Oklahoma	159,571	119,991	36,184	44,949	89,924	103,368	139,979	162,586
Texas	**838,233**	**319,268**	**159,856**	**264,604**	**533,509**	**624,155**	**716,164**	**676,400**
Totals for States in more than one district:								
Illinois	549,972	157,951	129,538	247,157	491,755	563,550	703,633	644,054
Michigan	297,016	161,677	88,170	176,659	402,572	421,819	498,315	559,908
Missouri	157,446	31,363	43,848	93,394	164,700	185,383	248,785	278,282
New Jersey	233,899	112,473	117,900	132,363	379,751	354,559	411,673	408,007
New York	542,493	170,061	107,818	225,125	859,454	921,933	1,148,428	1,536,614
Ohio	467,956	217,333	123,338	248,572	566,376	511,842	602,237	653,709
Pennsylvania	533,566	157,340	129,606	218,737	477,610	552,262	763,882	791,254
Tennessee	231,712	280,131	44,445	186,815	162,806	158,710	218,534	264,321
Wisconsin	223,932	31,977	62,293	84,768	173,684	200,671	248,218	262,413

[1] Includes 5 boroughs, Nassau, Orange, Putnam, Rockland, Suffolk, and Westchester Counties.
[2] All counties north of Orange, Putnam, and Rockland.

Source: The F. W. Dodge Corp., New York, N. Y.; figures published currently in Statistical Research Service.

No. 882.—Construction Contracts Awarded—Indexes of Value: 1920 to 1949

[1923–25 average=100. Indexes are derived from monthly figures of construction contracts awarded reported by F. W. Dodge Corporation. Reports covered 37 States beginning with May 1924 and a varying number for earlier years. In order to obtain comparable figures from 1919 to date, total value of construction contracts awarded in 37 States was estimated for January 1919 through April 1924. Seasonal adjustments computed separately for "residential" and "all other" types of construction and the two series combined. Indexes based on a 3-month moving average, centered at middle month. For more detailed description of indexes, see *Federal Reserve Bulletin* for July 1931]

YEAR	Total	Residential	All other	YEAR AND MONTH	Total	Residential	All other	YEAR AND MONTH	Total	Residential	All other
1920	63	30	90	1938	64	45	80	1948—Con.			
1921	56	44	65	1939	72	60	81	July	205	187	219
1922	79	68	88	1940	81	72	89	August	201	177	220
1923	84	81	86	1941	122	89	149	September	193	165	216
1924	94	95	94	1942	166	82	235	October	184	157	206
								November	189	154	217
1925	122	124	120	1943	68	40	92	December	180	145	209
1926	129	121	135	1944	41	16	61				
1927	129	117	139	1945	68	26	102	1949			
1928	135	126	142	1946	153	143	161	January	174	133	207
1929	117	87	142	1947	157	142	169	February	169	123	207
				1948	190	162	214	March	175	130	212
1930	92	50	125	1949	211	192	226	April	177	141	206
1931	63	37	84					May	181	159	199
1932	28	13	40	1948				June	195	176	210
1933	25	11	37	January	191	152	223	July	209	200	217
1934	32	12	48	February	187	152	215	August	229	228	230
				March	181	148	208	September	246	254	240
1935	37	21	50	April	181	154	202	October	263	269	259
1936	55	37	70	May	188	165	206	November	265	256	273
1937	59	41	74	June	201	177	220	December	262	255	268

Source: Board of Governors of the Federal Reserve System; figures published currently in Federal Reserve Bulletin.

No. 883.—Engineering Construction Contracts Awarded—Volume, by Type: 1927 to 1949

[In millions of dollars. Covers continental U. S. construction projects of following minimum costs through 1945 (except for 1932–35): Waterworks, excavation, drainage, and irrigation, $15,000; other public works, $25,000; industrial buildings, $40,000; other buildings, $150,000. For 1946, these minimums were raised to $22,500, $40,000, $55,000, and $205,000, respectively, to account for rise in construction costs. For 1947–49, minimums used were: $28,000, $50,000, $68,000, and $250,000. For 1932–35, minimums used were: $10,500, $17,500, $28,000, and $105,000]

YEAR	Total	PUBLIC WORKS CONTRACTS					BUILDINGS			Unclassified
		Waterworks	Sewerage	Bridges	Earthwork, irr., drain.	Streets, roads	Industrial	Commercial	Public	
1927	3,254	54	118	144	68	528	321	1,398	254	368
1928	3,579	100	101	133	74	617	355	1,596	290	313
1929	3,950	49	88	137	77	542	547	1,670	356	484
1930	3,173	49	83	131	77	585	331	1,034	356	528
1931	2,432	57	73	116	143	545	166	561	384	387
1932	1,219	35	25	84	101	380	93	166	241	95
1933	1,068	67	22	98	137	288	152	106	121	77
1934	1,361	92	61	99	266	345	105	81	204	106
1935	1,590	81	100	98	259	325	172	109	298	148
1936	2,387	92	121	188	182	483	309	275	436	300
1937	2,437	104	95	133	110	415	477	460	333	309
1938	2,792	131	136	135	268	638	152	550	503	279
1939	3,003	163	160	151	233	644	283	388	593	390
1940	3,987	70	91	120	234	678	594	400	1,196	603
1941	5,869	77	89	112	245	583	496	486	2,786	996
1942	[1] 9,306	151	118	50	251	531	200	292	5,678	2,034
1943	[2] 3,062	46	41	26	47	227	167	231	1,419	858
1944	1,730	33	32	17	64	196	174	140	658	416
1945	2,289	61	35	53	57	227	635	387	463	371
1946	5,176	109	114	127	328	769	1,113	1,846	414	356
1947	5,659	139	175	196	327	794	862	1,898	615	653
1948	7,219	209	228	294	519	996	1,096	1,888	1,161	829
1949	8,157	207	277	345	524	897	950	2,406	1,735	815

[1] $1,300 millions canceled by W. P. B. [2] Add $1,357 millions for Atomic Bomb plants.

Source: Engineering News-Record, New York, N. Y.

No. 884.—Engineering Construction Contracts Awarded—Volume, by Type, by States: 1949

[**In thousands of dollars.** Covers continental U. S. construction projects of following minimum costs: Waterworks, excavation, and irrigation, $28,000; other public works, $50,000; industrial buildings, $68,000; other buildings, $250,000]

State	Total	Public works contracts					Buildings			Unclassified
		Waterworks	Sewerage	Bridges	Earthwork, irr., drain.	Streets, roads	Industrial	Commercial	Public	
United States	**8,157,403**	**207,228**	**277,206**	**344,999**	**524,170**	**897,238**	**949,977**	**2,406,148**	**1,735,648**	**814,789**
Alabama	96,481	2,194	1,357	2,331	1,103	9,098	15,591	35,845	18,694	10,268
Arizona	46,817	1,595	152	1,331	5,287	6,261	----	3,197	7,598	21,396
Arkansas	64,214	1,221	1,368	3,060	6,512	9,325	20,559	4,754	6,758	10,657
California	747,988	37,979	47,333	12,579	74,598	53,399	153,717	196,376	107,645	64,362
Colorado	64,714	635	3,151	352	8,075	14,660	5,246	6,176	12,965	13,454
Connecticut	125,009	1,933	5,618	9,535	4,691	7,523	8,045	46,623	37,007	4,034
Delaware	62,028	58	106	7,302	45	1,402	30,902	19,950	2,060	203
Dist. of Columbia	69,978	165	2,932	187	----	482	1,000	22,724	41,723	765
Florida	166,785	3,782	8,876	4,042	11,347	10,292	23,464	74,163	18,434	12,385
Georgia	111,565	2,096	2,159	4,578	5,289	13,414	10,267	53,967	11,619	8,176
Idaho	33,413	324	849	2,293	2,969	7,390	1,884	320	10,100	7,284
Illinois	384,054	3,237	20,742	10,760	16,735	35,306	73,540	122,484	67,208	34,042
Indiana	85,485	1,645	5,062	4,165	2,176	3,959	22,910	17,299	24,545	3,724
Iowa	110,769	2,271	3,208	8,412	3,652	24,821	8,432	10,409	25,795	23,769
Kansas	105,745	2,704	2,416	3,910	16,851	20,654	6,624	12,265	18,868	21,453
Kentucky	110,956	2,418	1,958	5,991	16,685	35,940	5,752	7,656	23,990	10,566
Louisiana	144,043	1,904	4,871	8,204	21,302	19,386	11,207	34,624	27,610	14,935
Maine	17,007	312	----	1,849	100	4,483	----	389	2,247	7,627
Maryland	206,691	6,292	4,508	47,129	2,163	32,639	10,402	47,201	47,418	8,939
Massachusetts	200,980	6,574	5,158	5,914	2,689	15,202	28,540	27,436	100,008	9,459
Michigan	94,105	5,184	1,121	5,799	728	14,186	22,831	17,138	22,377	4,741
Minnesota	117,873	1,486	3,173	4,690	2,416	16,429	12,741	34,011	22,825	20,102
Mississippi	58,328	247	537	1,611	4,521	7,099	7,824	10,490	10,936	15,063
Missouri	137,187	1,086	3,459	9,328	6,191	18,575	11,622	41,856	20,434	24,636
Montana	58,518	335	700	2,825	14,182	9,214	1,075	10,116	8,197	11,874
Nebraska	76,725	742	4,090	1,477	8,864	8,433	2,797	14,377	7,184	28,761
Nevada	20,333	15	1,042	133	1,766	4,764	200	5,320	5,109	1,984
New Hampshire	6,563	90	33	446	76	2,010	----	1,358	2,404	146
New Jersey	240,374	560	12,866	24,621	3,364	13,186	11,810	148,481	16,710	8,776
New Mexico	79,821	1,102	1,835	----	1,428	9,145	780	1,496	44,912	19,123
New York	839,550	46,376	52,552	58,427	5,718	59,621	15,678	269,193	300,162	31,823
North Carolina	115,001	6,268	1,425	3,655	651	22,530	5,134	41,638	26,134	7,566
North Dakota	82,685	1,432	1,414	1,099	42,846	10,033	1,907	3,180	4,897	15,877
Ohio	346,836	9,529	7,521	5,394	4,309	29,837	57,855	164,856	46,268	21,267
Oklahoma	95,548	3,969	1,659	4,640	7,279	25,090	11,866	14,257	11,573	15,215
Oregon	129,747	1,005	7,039	6,112	54,895	14,861	3,631	11,659	17,244	13,301
Pennsylvania	649,777	6,944	12,190	31,279	34,585	95,348	85,781	289,023	72,884	21,743
Rhode Island	22,849	208	6,054	172	233	872	2,022	6,341	3,557	3,390
South Carolina	64,049	3,585	2,366	1,009	5,070	14,356	8,220	21,577	5,371	2,495
South Dakota	86,254	826	869	395	45,488	8,112	2,070	1,465	3,290	23,739
Tennessee	361,936	1,999	353	3,117	3,957	16,674	12,378	30,563	266,278	26,617
Texas	996,209	22,932	17,006	8,630	20,532	82,173	170,537	447,575	92,233	134,591
Utah	43,783	961	1,578	205	5,361	5,976	11,922	6,487	5,723	5,570
Vermont	18,773	523	86	128	42	1,158	----	336	458	16,042
Virginia	103,999	5,065	2,392	11,032	10,794	14,502	4,475	17,370	30,921	7,448
Washington	166,766	2,942	5,033	7,566	31,620	25,362	7,649	29,083	32,571	24,940
West Virginia	31,922	480	1,391	2,567	3,435	9,573	4,475	2,205	6,836	960
Wisconsin	135,689	1,756	5,451	3,856	283	25,925	31,615	19,460	33,860	13,483
Wyoming	21,481	242	147	862	1,267	6,558	3,000	1,379	2,008	6,018

Source: Engineering News-Record, New York, N. Y.

No. 885.—Building Construction in Cities of 50,000 or More Inhabitants—Value of All Construction and Number of New Dwelling Units: 1945 to 1949

[Valuation figures are derived from estimates of construction costs made by prospective builders when applying for permits to build and value of contracts awarded by Federal Government. No land costs are included. For type of building covered see table 877. Cities shown had a population of 50,000 and over in 1940]

City	Value of all construction ($1,000)					Number of new dwelling units				
	1945	1946	1947	1948 [1]	1949 [1]	1945	1946	1947	1948 [1]	1949 [1]
Akron, Ohio	10,300	13,880	18,037	24,754	19,110	850	1,381	1,006	1,154	1,111
Albany, N. Y.	1,471	4,935	7,184	19,743	9,147	11	108	449	201	187
Allentown, Pa.	1,658	4,498	5,632	6,979	6,192	24	275	391	429	226
Altoona, Pa.	728	1,491	2,708	2,807	1,442	8	185	119	100	75
Amarillo, Tex.	3,833	7,566	9,111	10,994	16,939	545	1,193	1,152	1,444	1,986
Arlington Co., Va. [2]	6,874	14,023	24,709	21,250	27,173	523	1,458	2,611	1,909	2,468
Asheville, N. C.	1,318	1,753	2,951	2,929	4,352	55	231	263	194	664
Atlanta, Ga.	8,665	23,403	28,439	31,822	30,416	534	1,533	1,379	1,071	2,144
Atlantic City, N. J.	1,685	2,188	2,017	2,077	1,777	5	167	16	28	38
Augusta, Ga.	554	1,965	3,592	4,152	3,304	51	263	285	340	233
Austin, Tex.	5,229	19,033	20,757	27,295	31,090	744	3,789	2,234	2,609	1,840
Baltimore, Md.	12,361	50,016	45,168	57,552	55,921	665	5,045	5,505	5,923	5,039
Bayonne, N. J.	1,777	1,774	1,786	4,206	1,908	1	219	169	20	115
Beaumont, Tex.	1,729	3,798	6,708	9,424	9,336	190	663	800	1,286	1,116
Berkeley, Calif.	4,331	7,079	8,590	10,385	8,499	383	389	309	367	385
Bethlehem, Pa.	788	2,581	2,671	5,315	3,369	33	165	164	304	240
Binghamton, N. Y.	3,069	3,102	4,010	4,872	4,839	33	372	159	204	325
Birmingham, Ala.	5,636	15,764	18,041	18,143	37,867	354	2,067	2,416	1,803	4,193
Boston, Mass. [3]	10,404	42,906	31,577	54,987	43,175	48	1,023	890	1,642	1,598
Bridgeport, Conn.	2,736	5,304	6,447	7,243	4,016	58	222	479	352	222
Brockton, Mass.	587	1,683	3,113	2,285	3,665	21	127	170	157	304
Buffalo, N. Y.	4,596	16,197	27,070	15,049	15,934	149	270	466	630	873
Cambridge, Mass.	2,038	8,818	9,331	8,996	14,581	101	766	57	91	810
Camden, N. J.	2,440	5,314	9,885	8,274	5,901	42	362	349	336	470
Canton, Ohio	2,139	4,672	4,527	4,938	5,862	128	364	356	345	351
Cedar Rapids, Iowa	2,218	5,644	4,057	5,273	7,019	119	645	348	427	353
Charleston, S. C.	2,842	1,546	1,809	4,536	3,637	35	44	60	178	402
Charleston, W. Va.	2,654	3,403	6,650	9,861	9,673	67	238	402	378	347
Charlotte, N. C.	4,217	9,700	10,955	17,582	23,350	208	1,129	1,357	1,198	3,338
Chattanooga, Tenn.	2,128	4,923	6,782	7,810	9,028	150	580	513	349	442
Chester, Pa.	676	3,713	1,324	2,613	1,234	13	355	35	74	9
Chicago, Ill.	63,094	122,405	120,705	173,300	163,177	4,727	7,341	5,455	6,285	8,091
Cicero, Ill.	2,748	2,707	3,098	3,354	3,619	223	76	158	126	54
Cincinnati, Ohio	7,517	35,625	31,117	40,899	37,005	410	2,132	1,144	1,307	1,090
Cleveland, Ohio	24,872	38,547	43,028	40,766	40,753	881	2,157	2,123	1,032	2,195
Cleveland Heights, Ohio	2,398	1,361	3,394	3,512	5,202	236	99	182	138	220
Columbia, S. C.	1,243	3,328	5,547	6,842	8,730	137	565	577	436	561
Columbus, Ga.	1,842	3,483	3,687	[4] 3,856	5,538	145	120	206	[4] 199	493
Columbus, Ohio	7,444	19,464	23,849	30,653	34,072	498	2,516	1,977	1,991	2,619
Corpus Christi, Tex.	3,775	9,873	14,627	15,757	16,113	641	1,156	1,705	1,075	1,855
Covington, Ky.	(5)	958	835	1,242	2,068	(5)	22	28	30	17
Dallas, Tex.	17,477	44,628	53,258	76,061	69,079	1,459	5,546	7,736	6,981	6,309
Davenport, Iowa	1,475	4,270	4,637	5,761	5,540	92	438	319	310	251
Dayton, Ohio	12,466	10,488	13,259	12,039	13,919	652	859	1,146	759	1,009
Dearborn, Mich.	6,771	9,819	17,137	20,562	30,582	162	774	1,352	1,354	1,873
Decatur, Ill.	606	2,349	4,057	3,027	3,750	50	259	220	220	320
Denver, Colo.	16,305	30,049	29,178	48,372	43,657	2,403	5,181	2,692	3,079	3,947
Des Moines, Iowa	3,980	13,255	12,676	12,471	26,581	121	1,394	968	938	1,468
Detroit, Mich.	67,975	116,848	147,607	141,388	188,382	4,027	9,496	10,973	7,235	13,336
Duluth, Minn.	1,712	4,432	4,540	5,937	6,648	64	524	299	412	325
Durham, N. C.	2,065	4,380	5,646	8,698	8,694	107	326	516	554	493
East Chicago, Ind.	2,436	3,570	2,614	1,832	1,728	18	46	40	38	34
East Orange, N. J.	850	2,310	4,348	3,891	10,806	2	304	336	322	1,644
East St. Louis, Ill.	1,675	3,135	2,307	2,568	4,080	49	191	213	255	212
Elizabeth, N. J.	849	2,789	5,395	2,944	4,099	13	289	717	32	544
El Paso, Tex.	2,448	5,325	8,011	13,171	16,204	127	707	566	876	1,364
Erie, Pa.	2,152	5,739	4,663	13,422	7,557	97	578	433	596	534
Evanston, Ill.	4,425	6,910	8,154	10,264	11,087	159	441	502	282	285
Evansville, Ind.	2,599	3,573	4,646	4,874	5,168	123	337	787	399	419
Fall River, Mass.	914	2,025	1,788	2,260	4,199	16	204	118	130	430
Flint, Mich.	6,422	10,497	11,141	12,171	14,923	243	891	875	658	978
Fort Wayne, Ind.	2,255	7,002	9,318	8,829	10,662	142	790	772	600	779
Fort Worth, Tex.	9,241	24,227	27,897	29,517	29,862	1,558	4,234	4,493	3,223	4,131
Fresno, Calif.	3,103	8,750	14,786	12,338	12,993	255	909	755	769	1,231
Galveston, Tex.	1,349	2,939	2,472	3,683	7,960	66	261	206	404	300

For footnotes, see p. 729.

No. 885.—Building Construction in Cities of 50,000 or More Inhabitants—Value of All Construction and Number of New Dwelling Units: 1945 to 1949—Continued

City	Value of all construction ($1,000)					Number of new dwelling units				
	1945	1946	1947	1948 [1]	1949 [1]	1945	1946	1947	1948 [1]	1949 [1]
Gary, Ind.	3,062	6,079	9,194	11,458	13,942	308	686	1,199	1,066	1,826
Glendale, Calif.	4,098	8,272	10,360	14,493	8,560	454	857	972	1,269	888
Grand Rapids, Mich.	5,431	8,632	9,460	15,130	12,881	331	873	658	782	688
Greensboro, N. C.	3,591	4,299	8,888	10,315	10,958	147	618	1,160	858	1,116
Hamilton, Ohio	542	2,562	4,542	3,156	3,506	43	301	419	225	356
Hammond, Ind.	6,063	7,682	6,723	7,784	7,755	227	744	659	571	713
Harrisburg, Pa.	866	4,237	5,662	6,354	7,791	12	448	172	354	478
Hartford, Conn.	2,925	10,459	10,171	13,943	12,252	23	366	207	670	547
Highland Park, Mich.	2,192	1,351	3,301	2,679	2,093	3	2	1	7	4
Hoboken, N. J.	682	1,786	2,315	2,088	1,060					2
Holyoke, Mass.	614	1,826	1,767	2,007	1,492	24	36	130	83	74
Houston, Tex.	45,336	53,899	72,631	98,952	82,614	1,980	5,709	5,881	7,517	5,822
Huntington, W. Va.	2,100	4,095	4,992	7,628	5,378	160	740	584	494	406
Indianapolis, Ind.	6,874	14,783	26,806	32,495	40,657	523	1,771	2,377	1,825	3,033
Irvington, N. J.	517	799	2,462	2,816	11,023	13	36	326	77	1,994
Jackson, Miss.	3,662	6,946	9,661	13,377	16,558	382	835	934	854	1,993
Jacksonville, Fla.	7,879	15,686	21,128	16,111	22,480	585	1,460	1,541	1,172	1,987
Jersey City, N. J.	1,295	3,878	6,357	7,683	7,149		377	13	10	459
Johnstown, Pa.	851	1,641	994	1,485	2,441	5	44	39	60	66
Kalamazoo, Mich.	2,061	3,232	2,809	3,079	4,934	4	271	62	146	108
Kansas City, Kans.	2,076	2,997	3,847	5,693	6,846	117	295	304	266	358
Kansas City, Mo.	9,401	18,202	17,738	35,563	36,864	228	1,545	910	2,005	2,363
Knoxville, Tenn.	4,426	13,383	10,656	11,560	7,347	287	1,272	812	443	433
Lakewood, Ohio	667	1,294	1,577	1,390	3,022	32	229	78	30	53
Lancaster, Pa.	638	1,628	4,640	4,194	6,075	17	118	285	212	104
Lansing, Mich.	1,969	4,483	4,612	6,286	7,125	71	391	355	320	406
Lawrence, Mass.	924	1,611	1,997	3,321	3,118	7	49	100	183	305
Lincoln, Nebr.	2,113	7,124	9,875	5,510	7,044	159	447	1,023	510	622
Little Rock, Ark.	2,890	7,585	11,722	20,534	9,244	343	844	1,713	658	633
Long Beach, Calif.	16,073	37,426	35,233	38,264	38,763	2,679	3,330	3,979	3,269	2,542
Los Angeles, Calif.	91,570	227,742	259,041	372,978	282,301	8,063	24,532	21,138	30,328	26,101
Louisville, Ky.	7,994	15,957	18,769	14,270	22,350	302	1,877	2,665	1,380	1,373
Lowell, Mass.	419	1,697	1,871	1,141	5,307	4	323	82	130	391
Lynn, Mass.	686	2,897	2,962	6,229	4,943	11	218	124	182	344
Macon, Ga.	1,150	2,438	2,937	3,973	2,809	27	175	132	149	190
Madison, Wis.	2,621	6,183	5,370	7,309	16,772	215	399	625	543	704
Malden, Mass.	234	2,293	1,798	1,658	2,280	4	150	82	81	186
Manchester, N. H.	1,080	3,578	4,830	10,494	5,186	65	344	460	731	496
McKeesport, Pa.	521	1,203	1,567	1,950	2,190	9	36	60	71	93
Medford, Mass.	377	1,926	2,003	[6] 2,243	2,726	5	354	77	[6] 99	252
Memphis, Tenn.	15,305	22,581	27,047	32,223	34,926	1,253	2,488	3,440	3,443	4,218
Miami, Fla.	14,564	26,396	51,628	54,888	43,626	1,438	2,615	6,043	5,711	4,900
Milwaukee, Wis.	16,657	36,263	31,614	53,398	58,154	1,125	2,783	1,733	2,859	3,437
Minneapolis, Minn.	16,384	29,770	30,931	37,282	39,920	872	2,935	1,381	1,655	2,477
Mobile, Ala.	3,736	5,297	5,493	10,025	12,445	270	771	688	1,031	852
Montgomery, Ala.	3,616	4,281	6,015	6,029	9,614	356	876	965	745	2,190
Mount Vernon, N. Y.	869	1,640	2,655	4,061	11,427	211	70	106	190	1,104
Nashville, Tenn.	4,160	7,959	6,798	9,785	18,772	238	701	522	321	688
Newark, N. J.	6,319	11,127	16,080	25,914	9,642	298	419	695	397	849
New Bedford, Mass.	744	2,649	2,166	2,125	3,949	28	268	126	151	336
New Britain, Conn.	2,185	3,080	1,707	2,434	3,406	43	413	143	189	277
New Haven, Conn.	2,929	8,087	7,774	11,111	7,557	35	732	338	577	247
New Orleans, La.	7,362	15,072	12,464	28,288	55,967	1,731	2,427	1,335	3,446	4,248
New Rochelle, N. Y.	964	2,557	2,785	8,312	3,312	29	192	90	549	195
Newton, Mass.	941	3,522	7,625	9,834	8,040	90	296	385	820	356
New York, N. Y.: [7]										
Bronx	2,504	15,809	14,797	47,753	92,148	104	2,822	908	4,751	9,513
Brooklyn	7,260	39,483	46,872	46,667	116,754	549	5,460	2,474	3,397	11,844
Manhattan	14,829	100,604	62,268	80,513	187,661	389	15,307	5,530	3,304	6,619
Queens	9,666	87,766	79,062	129,348	132,467	735	13,810	8,893	13,303	15,087
Richmond	832	3,472	3,816	10,990	11,388	55	254	345	1,054	1,097
Niagara Falls, N. Y.	1,891	4,233	6,654	7,521	8,320	64	249	398	610	492
Norfolk, Va.	5,654	5,474	16,402	16,035	12,233	84	585	1,419	1,936	1,509
Oakland, Calif.	15,562	23,363	27,389	37,408	30,595	1,130	1,406	1,708	1,354	1,339
Oak Park, Ill.	571	866	1,607	3,815	1,574	16	89	165	30	52
Oklahoma City, Okla.	6,123	13,822	14,276	12,430	16,689	612	1,538	1,935	985	1,025
Omaha, Nebr.	4,773	13,155	8,823	23,043	13,971	322	1,059	931	777	1,307
Pasadena, Calif.	4,395	12,959	13,819	16,809	16,646	379	782	883	1,012	1,100
Passaic, N. J.	1,300	2,575	3,038	2,085	3,607	88	194	240	78	490
Paterson, N. J.	1,535	3,821	3,108	4,488	4,258	5	309	99	132	194
Pawtucket, R. I.	831	2,561	5,505	4,998	4,126	68	273	435	508	456

For footnotes, see p. 729.

No. 885.—Building Construction in Cities of 50,000 or More Inhabitants—Value of All Construction and Number of New Dwelling Units: 1945 to 1949—Continued

City	Value of all construction ($1,000)					Number of new dwelling units				
	1945	1946	1947	1948 [1]	1949 [1]	1945	1946	1947	1948 [1]	1949 [1]
Peoria, Ill	2,318	4,436	4,451	8,451	6,104	51	316	314	367	255
Phoenix, Ariz	6,923	8,534	9,679	16,571	12,071	867	817	818	1,416	467
Philadelphia, Pa	22,632	65,499	72,760	93,597	88,126	750	5,611	5,321	5,061	6,555
Pittsburgh, Pa	8,234	18,204	19,700	26,464	43,034	274	1,386	1,760	938	1,842
Pontiac, Mich	8,777	9,608	4,438	4,238	8,336	84	345	241	203	592
Portland, Maine	1,411	2,643	3,425	4,490	3,346	13	104	183	155	137
Portland, Oreg	12,336	34,922	39,953	52,258	47,656	710	2,434	2,275	3,067	2,976
Portsmouth, Va	1,220	1,588	1,596	2,483	2,008	51	61	324	275	188
Providence, R. I	2,670	12,529	8,636	11,853	10,220	46	197	178	454	267
Pueblo, Colo	885	2,132	1,966	3,633	4,171	152	332	308	496	504
Quincy, Mass	1,151	3,618	4,064	4,458	7,361	36	274	324	278	651
Racine, Wis	2,139	3,206	6,563	5,175	4,346	157	274	348	204	261
Reading, Pa	1,364	2,776	2,645	2,004	3,249	27	101	29	40	377
Richmond, Va	7,770	18,266	16,611	21,466	18,059	1,066	1,799	1,722	943	890
Roanoke, Va	1,241	5,982	7,504	7,221	14,075	103	565	455	391	968
Rochester, N. Y	11,296	10,918	15,847	16,091	19,315	148	631	1,090	459	1,083
Rockford, Ill	2,325	3,736	4,713	6,553	4,909	131	539	352	456	370
Sacramento, Calif	11,757	13,427	12,849	17,432	18,813	377	1,779	1,174	1,473	1,348
Saginaw, Mich	1,857	4,460	3,405	7,747	4,240	81	602	378	348	352
St. Joseph, Mo	140	759	1,151	1,291	1,220	12	68	99	147	122
St. Louis, Mo	14,756	31,639	28,479	28,242	30,413	190	2,370	841	1,337	1,559
St. Paul, Minn	9,513	20,118	19,126	23,846	21,603	553	1,797	1,174	998	1,295
St. Petersburg, Fla	4,614	11,088	17,426	20,523	21,675	565	1,533	2,295	2,088	2,498
Salt Lake City, Utah	6,233	14,057	11,368	14,960	18,085	400	1,709	1,146	1,350	1,513
San Antonio, Tex	14,518	25,654	30,203	35,822	36,940	1,741	3,788	5,222	4,675	5,293
San Diego, Calif	22,167	23,100	30,428	42,882	37,051	2,244	2,931	3,438	4,107	3,224
San Francisco, Calif	2,780	50,959	48,290	62,990	68,281	3,762	3,530	3,102	3,951	3,664
San Jose, Calif	3,526	10,376	11,451	19,486	15,231	269	994	818	1,629	1,221
Santa Monica, Calif	3,245	9,894	11,817	12,672	10,664	364	1,265	1,428	1,356	930
Savannah, Ga	2,156	3,443	5,886	5,458	4,753	214	480	578	750	743
Schenectady, N. Y	2,348	4,553	2,541	3,734	8,637	5	177	124	184	912
Scranton, Pa	1,326	2,417	3,253	2,812	3,134	2	25	27	41	42
Seattle, Wash	20,828	41,807	40,450	61,005	53,672	2,827	3,364	3,346	2,860	3,115
Shreveport, La	2,636	9,040	22,004	17,082	27,487	418	1,247	1,202	1,296	1,775
Sioux City, Iowa	1,184	2,740	3,342	7,251	6,196	37	442	231	357	349
Somerville, Mass	670	1,609	2,606	1,191	3,088	-------	2	69	3	174
South Bend, Ind	6,437	7,085	9,814	12,978	12,142	398	906	640	953	1,078
Spokane, Wash	7,622	14,181	18,597	26,293	18,254	333	1,623	1,731	1,526	1,742
Springfield, Ill	816	4,915	4,865	5,241	3,876	39	472	351	389	247
Springfield, Mass	4,780	9,606	11,220	9,905	9,295	200	929	574	859	665
Springfield, Mo	1,890	4,336	4,762	4,993	4,684	238	637	589	367	446
Springfield, Ohio	2,217	2,937	5,038	3,200	4,651	29	308	257	241	292
Stockton, Calif	10,662	6,110	6,627	10,013	6,627	445	604	575	682	486
Syracuse, N. Y	3,097	7,254	6,982	11,884	26,027	115	874	404	1,110	881
Tacoma, Wash	5,750	11,273	11,570	14,494	13,368	457	1,073	753	893	1,105
Tampa, Fla	4,746	8,157	9,316	8,721	9,360	402	868	887	886	827
Terre Haute, Ind	596	3,059	1,372	3,121	1,322	-------	527	119	126	111
Toledo, Ohio	5,752	10,213	12,017	20,336	18,284	358	948	646	593	804
Topeka, Kans	1,190	4,257	3,780	4,832	5,068	212	855	446	506	514
Trenton, N. J	2,132	2,858	3,058	4,199	3,387	13	172	61	157	140
Troy, N. Y	444	4,350	2,166	2,363	5,217	-------	637	19	37	399
Tulsa, Okla	4,228	9,511	11,288	14,405	15,558	525	1,266	1,233	1,024	1,371
Union City, N. J	428	614	795	370	1,267	-------	1	1	-------	27
Upper Darby Township, Pa. [2]	1,069	4,179	4,803	19,693	7,610	157	570	601	3,653	857
Utica, N. Y	1,450	2,502	2,233	2,691	6,929	9	76	129	240	286
Waco, Tex	2,168	5,016	8,731	10,987	12,244	416	983	853	930	1,070
Washington, D. C	26,574	46,253	43,016	50,936	114,734	3,352	4,000	4,303	3,797	8,254
Waterbury, Conn	1,640	3,238	4,468	6,050	2,939	65	432	261	477	244
Waterloo, Iowa	2,847	5,137	4,413	4,644	6,746	165	588	312	253	350
Wheeling, W. Va	1,823	2,389	3,257	3,568	3,262	1	42	46	100	68
Wichita, Kans	3,029	14,003	16,649	22,457	22,540	165	1,690	1,993	2,387	3,533
Wilkes-Barre, Pa	569	1,154	3,648	13,681	2,157	-------	-------	97	23	13
Wilmington, Del	4,254	5,063	3,332	5,633	10,619	48	208	111	136	109
Winston-Salem, N. C	1,492	3,387	6,057	[3] 5,074	8,050	119	434	584	[3] 311	890
Worcester, Mass	3,164	7,443	8,043	9,992	6,980	288	800	563	748	493
Yonkers, N. Y. [4]	1,281	6,843	10,288	9,955	19,195	66	577	1,152	875	2,568
York, Pa	765	2,221	3,205	2,551	3,608	13	176	115	66	22
Youngstown, Ohio	1,914	4,822	6,528	5,279	6,677	60	466	366	343	514

[1] Preliminary. [2] Classified as urban under special rule by Bureau of the Census, 1940.
[3] Figures represent applications filed. [4] Excludes data for July and August. [5] Not available.
[6] Excludes data for April. [7] Represents work actually started, based on inspection records.
[8] Excludes data for February and October.

Source: Department of Labor, Bureau of Labor Statistics. Data for cities of 100,000 or more published in monthly releases; data for cities 50,000 to 100,000 from records not published elsewhere.

No. 886.—Construction and Building Cost Indexes: 1913 to 1949

[1913=100 except Aberthaw for which base year is 1914. For Bureau of Labor Statistics index of building material prices, see pp. 279 and 280. See also *Historical Statistics*, series H 64, 65, and 73, for AAC, ENR (const.), and Turner indexes]

YEAR	AAC (new) [1]	AGC [2]	ENR Const. [3]	ENR Bldg. [3]	Boeckh, U. S. [4]	Aberthaw [5]	Fuller [6]	Turner [7]	M & S [8]	S. H. & G. [9]
1913	100	100	100	100	100	----------	100	100	100	--------
1914	98	99	89	92	98	100	102	100	97	--------
1915	101	100	93	95	101	100	130	103	98	--------
1916	116	114	130	131	117	107	143	120	112	--------
1917	143	152	181	167	142	126	156	147	127	--------
1918	177	175	189	159	156	147	160	166	148	--------
1919	229	198	198	159	172	172	168	196	185	--------
1920	283	247	251	207	214	234	209	252	233	--------
1921	216	200	202	166	175	179	188	183	178	--------
1922	200	184	174	155	162	170	175	175	172	--------
1923	224	201	214	186	181	202	190	196	182	190
1924	222	202	215	186	181	198	194	194	183	193
1925	217	199	207	183	179	195	193	195	185	187
1926	217	197	208	185	181	197	202	195	185	185
1927	217	200	206	186	179	193	197	190	182	185
1928	217	199	207	188	179	191	196	190	184	188
1929	217	203	207	191	184	190	201	185	179	190
1930	200	200	203	185	181	186	199	165	165	181
1931	178	196	181	168	168	176	180	145	156	148
1932	155	171	157	141	144	168	157	136	130	128
1933	150	163	170	148	148	170	155	141	143	137
1934	161	178	198	167	161	176	171	160	156	157
1935	162	176	196	166	159	177	167	162	164	161
1936	170	179	206	172	164	184	168	166	166	173
1937	198	188	235	196	183	199	187	193	180	200
1938	199	189	236	197	189	191	192	188	178	200
1939	200	188	236	197	191	190	195	182	183	199
1940	204	189	242	203	195	193	196	194	190	204
1941	217	198	258	211	204	208	206	217	202	217
1942	241	209	276	222	214	223	229	245	218	226
1943	252	216	290	229	223	225	238	257	227	245
1944	261	223	299	235	237	227	240	244	234	264
1945	271	231	308	239	252	236	241	257	248	285
1946	322	257	346	262	275	279	290	318	288	319
1947	430	296	413	313	323	304	354	380	338	371
1948	490	332	461	345	365	321	380	422	368	405
1949	490	342	477	352	369	312	382	414	365	395

[1] American Appraisal Co. Average for 30 cities of 4 types of buildings: Wood frame, brick-wood frame, brick-steel frame, reinforced concrete. Mechanicals not included. Based on actual appraisal costs. Available for individual cities.

[2] Associated General Contractors of America. Wages and materials for 12 cities combined in 40–60 ratio. Wages, prevailing rates for hod carriers and common labor. Materials, weighted: Sand, gravel and crushed stone, 1; cement, 1; lumber, 1; hollow tile, ½; structural and reinforcing steel, ½.

[3] Engineering News Record construction cost index has 4 components: (1) Structural steel shapes, base price; (2) cement at Chicago; (3) lumber, which until 1935 was 12 x 12 long leaf yellow pine wholesale at New York, and since 1935 is 2 x 4 S4S pine and fir in carload lots, ENR 20-cities average; (4) common labor, ENR 20-cities average of wage rates in force. ENR Building Cost index provides a more representative measure of building cost movement, the skilled labor trend having been substituted for the common labor trend in the ENR Construction Cost index, and the ENR Building Cost index computed.

[4] E. H. Boeckh & Assoc., Inc. Individual series for 10 types of buildings for 20 areas. Weights based on studies of actual building costs—vary with different type of structures. Material prices are those paid by contractors to material dealers. Prevailing skilled and common wage rates from contractors. Base: United States average, 1926–29=100. Series given here is commercial and factory buildings, U. S. average converted to 1913=100 base.

[5] Aberthaw. Until Mar. 31, 1946, New England, 7-story and basement (62' 4" x 202' 4"), reinforced concrete building built in 1914, repriced quarterly as a construction bid to duplicate original building; labor costs based on current experience with similar construction. Since Mar. 31, 1946, New England, composite of 36 major cost items in 3 multi-story and 2 one-story industrial buildings, including all mechanical trades, repriced using actual and estimated labor and material costs.

[6] George A. Fuller Company. Composite of 36 major cost elements, in 3 commercial type buildings, including mechanicals, elevators, wiring, heating and ventilating, repriced.

[7] Turner Construction Co. Eastern Cities. Own building cost experience applied to these factors: Labor rates, material prices, productivity of labor, efficiency of plant and management, competitive conditions.

[8] Marshall and Stevens. Averages for 4 types of building: Fireproof protected steel, fireproof reinforced concrete, masonry, and frame. Designed to reflect normal costs in line with recognized or published prices of building materials, equipment, and labor. Base: U. S. average, 1926=100, converted to 1913=100 base.

[9] Smith, Hinchman, and Grylls, Inc. Actual in-place costs, using building material costs, freight rates, skilled and unskilled labor rates and including labor efficiency and premiums, bidding competition, contractor profit margins and overhead. Figured with the contractor overhead are taxes, duration of projects, material expediting and labor procurement. This index is reported monthly on a 1926=100 base, converted to 1913=100 base.

Source: Engineering News-Record, New York, N. Y.

No. 887.—Construction—Summary, by Kind of Contractor, by Size Groups: 1939

[The 1939 Census of Construction covered all persons or establishments whose principal business in 1939 was utilizing construction materials and labor in construction work for others, or for themselves for speculative and investment purposes, on projects located within the limits of continental United States. It included erection and installation departments of manufacturers and merchandisers, when it was an important but not necessarily major portion of their business enterprise. Force-account work, ship and boat building, and installation and servicing of domestic appliances were not included. "Work performed" represents contract or order value of work done by the contractor's or builder's own forces. Work sublet to others was not included as work performed in the report of the builder or general contractor, but was reported as part of the business of the special trade contractor who received the subcontract. "Construction work" includes alterations and repairs, as well as new construction and additions. Data for establishments reporting less than $500 of work performed in 1939 are not included. The canvass is known to have been incomplete in coverage of small contractors who operated from their homes. Most of this shortage occurred in metropolitan districts. It is believed that this undercoverage affects materially only number of establishments and number of proprietors]

Kind of contractor	Number of establishments			Value of work performed (1,000 dollars)			Materials used and equipment installed (1,000 dollars) [1]		
	Total	$25,000 and over [2]	Under $25,000 (2)	Total	$25,000 and over [2]	Under $25,000 (2)	Total	$25,000 and over [2]	Under $25,000 (2)
United States	215,050	30,912	184,138	4,519,794	3,479,671	1,040,123	2,046,613	1,625,344	421,269
Builders	3,705	1,534	2,171	108,258	89,919	18,339	72,976	61,438	11,538
General contractors	35,158	14,880	20,278	2,403,630	2,208,080	195,550	1,085,735	989,266	96,469
Building contractors	29,641	10,636	19,005	1,174,693	993,629	181,064	588,832	496,358	92,474
Highway contractors	3,627	2,667	960	590,571	579,704	10,867	248,395	245,380	3,015
Heavy contractors	1,890	1,577	313	638,366	634,747	3,619	248,508	247,528	980
Special trade contractors	176,187	14,498	161,689	2,007,906	1,181,672	826,234	887,902	574,640	313,262
Air conditioning [3]	798	338	460	40,396	35,459	4,937	22,911	20,318	2,593
Carpentering	30,044	467	29,577	132,957	24,521	108,436	48,199	10,890	37,309
Concreting	4,464	397	4,067	57,030	32,486	24,544	24,030	14,545	9,485
Electrical (other than power lines)	15,915	1,640	14,275	222,774	137,472	85,302	102,028	64,324	37,704
Elevator (installation and repair)	409	130	279	45,083	42,351	2,732	20,985	20,108	877
Excavating and foundation	405	75	330	8,007	5,321	2,686	2,750	1,915	835
Excavating and grading	1,852	201	1,651	22,536	10,389	12,147	2,016	826	1,190
Flooring (wood only)	1,088	111	977	13,735	7,041	6,694	6,397	3,765	2,632
Flooring (wood and other)	445	173	272	17,636	15,259	2,377	9,771	8,779	992
Flooring (surfacing and resurfacing)	645	12	633	2,821	466	2,355	592	127	465
Heating and plumbing group	37,112	4,686	32,426	572,878	349,987	222,891	299,691	192,240	107,451
Heating and piping	2,882	743	2,139	75,550	57,048	18,502	40,133	30,706	9,427
Heating and piping, with sheet metal	1,572	289	1,283	36,297	25,305	10,992	18,560	13,345	5,215
Heating, piping, and plumbing	13,166	2,165	11,001	251,075	161,635	89,440	134,617	90,330	44,287
Heating, piping, plumbing, with sheet metal	2,122	533	1,589	62,384	48,078	14,306	33,761	26,439	7,322
Plumbing	16,609	914	15,695	141,334	55,724	85,610	69,546	30,283	39,263
Plumbing, with sheet metal	761	42	719	6,238	2,197	4,041	3,074	1,137	1,937
Insulation	708	273	435	26,509	22,132	4,377	11,356	9,495	1,861
Lathing	522	58	464	9,417	6,561	2,856	2,136	1,742	394
Plastering and lathing	720	251	469	24,762	20,015	4,747	8,703	6,907	1,796
Plastering	5,347	401	4,946	55,756	27,614	28,142	20,202	10,449	9,753
Ornamental iron	622	144	478	14,421	10,814	3,607	7,061	5,539	1,522
Painting	10,046	228	9,818	46,347	12,519	33,828	11,017	2,997	8,020
Painting, paperhanging, and decorating	39,973	829	39,144	180,917	46,931	133,986	43,979	10,783	33,196
Roofing and sheet metal group	11,793	1,782	10,011	187,655	118,128	69,527	84,043	54,715	29,328
Roofing	4,875	844	4,031	78,716	51,068	27,648	35,221	22,934	12,287
Roofing and sheet metal	3,046	646	2,400	68,725	49,489	19,236	32,133	24,079	8,054
Sheet metal	3,872	292	3,580	40,214	17,571	22,643	16,689	7,702	8,987
Masonry	7,029	702	6,327	97,339	60,921	36,418	39,540	26,888	12,652
Tile and mantel	2,149	519	1,630	48,944	35,223	13,721	22,904	16,324	6,580
Steel erection and repair	567	266	301	80,863	77,838	3,025	51,124	50,285	839
Weather stripping	419	56	363	7,214	4,856	2,358	2,588	1,706	882
Glass and glazing	1,040	180	860	17,821	12,698	5,123	8,336	6,112	2,224
House moving	608	33	575	4,016	1,449	2,567	388	193	195
Other	1,467	546	921	70,072	63,221	6,851	35,155	32,668	2,487

For footnotes, see next page.

No. 887.—Construction—Summary, by Kind of Contractor, and by Size Groups: 1939—Continued

Kind of contractor	Active proprietors and firm members			Employees (average for year)[4]			Total pay roll (1,000 dollars)[4]		
	Total	$25,000 and over [2]	Under $25,000 [2]	Total	$25,000 and over [2]	Under $25,000 [2]	Total	$25,000 and over [2]	Under $25,000 [2]
United States	226,784	26,367	200,417	1,073,655	809,474	264,181	1,403,771	1,144,862	258,909
Builders	3,300	1,173	2,127	20,268	16,230	4,038	25,798	21,868	3,930
General contractors	36,111	13,608	22,503	600,974	548,127	52,847	770,766	722,623	48,143
Building contractors	31,336	10,186	21,150	304,274	256,746	47,528	389,151	345,446	43,705
Highway contractors	3,361	2,331	1,030	161,317	157,403	3,914	171,946	168,733	3,213
Heavy contractors	1,414	1,091	323	135,383	133,978	1,405	209,669	208,444	1,225
Special trade contractors	187,373	11,586	175,787	452,413	245,117	207,296	607,207	400,371	206,836
Air conditioning [3]	671	187	484	6,754	5,691	1,063	10,715	9,534	1,181
Carpentering	32,718	479	32,239	31,282	5,854	25,428	32,872	9,315	23,557
Concreting	4,944	365	4,579	18,106	8,809	9,297	19,467	12,247	7,220
Electrical (other than power lines)	16,121	1,213	14,908	42,390	25,198	17,192	68,749	49,828	18,921
Elevator (installation and repair)	289	53	236	7,016	6,320	696	15,138	14,211	927
Excavating and foundation	446	69	377	2,826	1,692	1,134	2,932	2,042	890
Excavating and grading	1,992	182	1,810	7,943	3,457	4,486	8,017	4,075	3,942
Flooring (wood only)	1,197	92	1,105	3,050	1,388	1,662	4,094	2,297	1,797
Flooring (wood and other)	402	105	297	3,280	2,652	628	4,811	4,130	681
Flooring (surfacing and resurfacing)	706	8	698	828	146	682	853	228	625
Heating and plumbing group	38,138	3,897	34,241	108,173	62,604	45,569	146,622	101,189	45,433
Heating and piping	2,265	324	1,941	14,251	9,882	4,369	21,796	17,308	4,488
Heating and piping, with sheet metal	1,713	260	1,453	6,821	4,375	2,446	10,259	7,744	2,515
Heating, piping, and plumbing	13,761	1,976	11,785	47,381	29,118	18,263	64,008	45,514	18,494
Heating, piping, plumbing, with sheet metal	2,283	471	1,812	11,954	8,950	3,004	17,044	14,024	3,020
Plumbing	17,281	825	16,456	26,412	9,830	16,582	32,070	15,959	16,111
Plumbing, with sheet metal	835	41	794	1,354	449	905	1,445	640	805
Insulation	508	106	402	6,970	5,673	1,297	10,025	8,707	1,318
Lathing	608	49	559	3,253	1,838	1,415	5,276	3,831	1,445
Plastering and lathing	811	254	557	7,754	6,164	1,590	11,686	9,940	1,746
Plastering	6,045	411	5,634	17,413	8,500	8,913	21,625	12,831	8,794
Ornamental iron	607	85	522	2,622	1,839	783	3,926	3,051	875
Painting	11,023	213	10,810	13,733	4,116	9,617	16,916	6,729	10,187
Painting, paperhanging, and decorating	44,253	804	43,449	52,077	15,119	36,958	65,586	26,142	39,444
Roofing and sheet metal group	12,354	1,416	10,938	44,631	27,320	17,311	56,474	39,572	16,902
Roofing	4,986	634	4,352	18,951	11,842	7,109	23,290	16,861	6,429
Roofing and sheet metal	3,216	533	2,683	16,906	11,802	5,104	21,434	16,497	4,937
Sheet metal	4,152	249	3,903	8,774	3,676	5,098	11,750	6,214	5,536
Masonry	7,712	648	7,064	30,273	17,821	12,452	36,765	25,199	11,566
Tile and mantel	2,134	400	1,734	11,362	8,326	3,036	16,174	12,799	3,375
Steel erection and repair	379	113	266	10,404	9,298	1,106	18,501	17,211	1,290
Weather stripping	402	21	381	1,793	1,283	510	2,833	2,225	608
Glass and glazing	978	96	882	3,142	2,171	971	5,134	4,056	1,078
House moving	708	33	675	1,912	484	1,428	1,649	637	1,012
Other	1,227	287	940	13,426	11,354	2,072	20,367	18,345	2,022

[1] Cost at site.
[2] Value of work performed by establishment reporting.
[3] Air conditioning with or without heating, plumbing, or sheet metal.
[4] Employees and pay roll include data for paid executives of corporations but not proprietors of unincorporated businesses.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. IV, Construction.

No. 888.—Construction—Summary, by States: 1939

[Geographic distribution based on office address of reporting establishment, not location of construction project. See headnote, table 887]

DIVISION AND STATE	Number of establishments	Value of work performed (thousands of dollars)	Active proprietors and firm members	Employees (average for year)[1]	Total pay roll (thousands of dollars)[1]	Materials used and equipment installed (thousands of dollars)[2]
United States	**215,050**	**4,519,794**	**226,784**	**1,073,655**	**1,403,771**	**2,046,613**
New England	**18,910**	**323,471**	**19,118**	**76,089**	**106,757**	**138,669**
Maine	1,696	16,261	1,738	4,837	5,161	6,573
New Hampshire	992	11,426	1,030	3,439	3,644	4,801
Vermont	746	6,976	772	2,104	2,091	2,940
Massachusetts	8,509	167,691	8,529	38,353	57,111	72,252
Rhode Island	1,565	26,811	1,601	6,472	8,561	11,662
Connecticut	5,402	94,306	5,448	20,884	30,189	40,441
Middle Atlantic	**50,979**	**1,190,993**	**51,749**	**249,846**	**393,141**	**534,158**
New York	24,632	675,167	24,296	137,279	238,005	289,324
New Jersey	9,128	153,275	8,901	32,768	47,814	67,230
Pennsylvania	17,219	362,551	18,552	79,799	107,322	177,604
East North Central	**47,263**	**946,952**	**49,705**	**204,097**	**302,899**	**431,194**
Ohio	12,407	246,358	13,150	49,983	74,847	118,137
Indiana	6,172	93,714	6,603	22,846	28,718	42,942
Illinois	12,855	322,305	13,498	69,705	113,549	134,455
Michigan	8,822	179,327	9,218	37,630	53,608	87,947
Wisconsin	7,007	105,248	7,236	23,933	32,177	47,713
West North Central	**23,892**	**418,053**	**25,874**	**103,298**	**118,781**	**190,522**
Minnesota	6,006	120,257	6,766	28,381	33,799	55,663
Iowa	5,063	79,765	5,585	19,435	21,705	37,768
Missouri	6,527	124,450	6,643	31,468	38,853	54,977
North Dakota	557	9,506	612	2,434	2,533	4,006
South Dakota	708	10,296	759	2,612	2,641	4,003
Nebraska	2,167	37,508	2,365	8,903	9,614	17,268
Kansas	2,864	36,271	3,144	10,065	9,636	16,837
South Atlantic	**17,634**	**497,683**	**18,023**	**151,486**	**149,088**	**241,943**
Delaware	813	14,435	795	4,109	4,780	6,549
Maryland	3,302	77,580	3,357	21,427	25,265	36,387
District of Columbia	1,147	54,929	1,073	13,933	19,605	25,396
Virginia	3,142	75,738	3,291	22,983	21,732	38,348
West Virginia	1,436	26,420	1,506	7,701	7,885	10,194
North Carolina	2,410	82,820	2,572	27,090	23,384	41,301
South Carolina	843	27,874	854	9,942	7,919	14,120
Georgia	1,936	66,456	1,996	22,451	18,060	34,059
Florida	2,605	71,431	2,579	21,850	20,458	35,589
East South Central	**7,494**	**161,700**	**8,026**	**52,630**	**45,083**	**75,714**
Kentucky	2,767	48,187	2,993	13,281	13,318	23,010
Tennessee	2,382	60,424	2,523	19,882	17,375	25,179
Alabama	1,233	36,060	1,322	13,042	9,958	19,291
Mississippi	1,112	17,029	1,188	6,425	4,432	8,234
West South Central	**13,034**	**303,988**	**13,893**	**87,280**	**82,330**	**144,780**
Arkansas	1,121	14,274	1,240	5,141	3,682	6,160
Louisiana	1,641	55,218	1,657	16,129	15,608	25,585
Oklahoma	2,106	47,497	2,217	12,820	13,293	23,394
Texas	8,166	186,999	8,779	53,190	49,747	89,641
Mountain	**6,751**	**137,424**	**7,512**	**32,477**	**39,635**	**57,883**
Montana	769	16,721	850	4,123	5,044	7,225
Idaho	708	13,715	821	3,077	4,095	4,982
Wyoming	556	9,104	624	2,255	2,555	3,573
Colorado	2,028	40,165	2,199	9,668	11,668	17,122
New Mexico	503	11,393	550	3,039	3,194	5,179
Arizona	865	15,296	936	3,751	4,509	6,560
Utah	1,104	24,398	1,267	5,270	6,726	10,664
Nevada	218	6,632	245	1,294	1,844	2,578
Pacific	**29,093**	**539,530**	**32,884**	**116,452**	**166,057**	**231,750**
Washington	3,478	83,840	3,743	17,113	27,282	30,066
Oregon	2 036	38,372	2,196	9,638	11,751	16,921
California	23,579	417,318	26,945	89,701	127,024	184,763

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses. [2] Cost at site.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. IV, Construction

No. 889.—Number of Public Housing Units Completed for Occupancy: 1935 to 1949

[Covers programs administered by Housing and Home Finance Agency or Public Housing Administration]

Year	All public housing	Low-rent			War housing	Veterans' Reuse Housing
		Total	U. S. Housing Act	All other [1]		
Total	**[2] 1,190,093**	**[3] 200,804**	**[4] 170,441**	**[3] 30,363**	**724,018**	**265,271**
1935	3,932	3,932		3,932		
1936	1,213	1,213		1,213		
1937	7,849	7,849		7,849		
1938	17,319	17,319		17,319		
1939	3,858	3,858	3,858			
1940	31,940	31,940	31,940			
1941	119,634	59,848	59,848		59,786	
1942	158,266	37,537	37,537		120,729	
1943	374,729	27,325	27,325		347,404	
1944	153,158	2,831	2,831		150,327	
1945	45,026	2,949	2,949		40,171	1,906
1946	134,726	1,804	1,804		4,051	128,871
1947	107,097	466	466			106,631
1948	30,054	1,336	1,336		[5] 1,550	27,168
1949	1,242	547	547			695

[1] Includes PWA, Subsistence Homestead and Greenbelt Town projects.
[2] Includes 50 PWA units completed in 1934.
[3] Includes 60,489 units completed as war housing of which all but 1,400 units have been returned to low-rent use.
[4] Units completed for emergency flood projects in Portland-Vancouver area.

Source: Housing and Home Finance Agency, Public Housing Administration.

No. 890.—Number of Dwelling Units Owned or Supervised by the Public Housing Administration, by Program, as of Dec. 31, 1949

[Excludes units which have been sold to mutual housing associations, limited dividend corporations (PWA) and homestead associations on which PHA holds mortgages for collection]

Program	Total		Federally owned	Locally owned
	Number	Net change since Dec. 31, 1948		
Total	**616,264**	**−99,892**	**383,093**	**233,171**
Active	592,117	−82,199	358,946	233,171
Veterans' Reuse Housing	71,451	−64,011	1,587	[1] 69,864
Under management	69,630	−63,105	1,587	68,043
Under construction	1,746	−832		1,746
Not under construction	75	−74		75
Public War Housing (Lanham constructed)	297,383	−20,881	297,383	
Homes conversion	16,154	−8,349	16,154	
U. S. Housing Act	204,872	+11,065	41,565	163,307
Under management	191,626	+744	41,565	150,061
Under construction	1,699	+197		1,699
Not under construction	11,547	+10,124		[2] 11,547
Public law 171	13,438	+13,438		13,438
Public Law 412	118,507	[3] −2,446	11,855	106,652
Public Law 671	51,287	+37	8,070	43,217
PWA	21,640	+36	21,640	
Subsistence Homestead and Greenbelt Towns	2,257	−23	2,257	
Inactive—Public War Housing (Lanham constructed)	14,802	−6,117	14,802	
Deferred—U. S. Housing Act	9,345	−11,576	9,345	

[1] This veterans' housing is so classified even though title or income rights may not yet be formally transferred.
[2] Includes 1,423 rural units not yet built but which are parts of active rural projects.
[3] Reflects reclassification to Public Law 171 of Public Law 412 projects built under McCarthy Act.

Source: Housing and Home Finance Agency, Public Housing Administration; Annual Report.

No. 891.—Number of Active Projects and Dwelling Units, Owned or Supervised by the Public Housing Administration, by State or Other Area, as of Dec. 31, 1949

[See headnote, table 890]

State or other area	Total program		Veterans reuse housing		War housing [1]		Low-rent housing [2]	
	Number of projects	Number of units	Number of projects	Number of units	Number of projects	Number of units	Number of projects	Number of units
Total	**2,419**	**592,117**	**616**	**71,451**	**1,090**	**313,537**	**713**	**207,129**
Alabama	64	14,941	6	760	32	8,458	26	5,723
Arizona	58	6,363	16	1,236	35	4,211	7	916
Arkansas	16	2,043	4	537	2	352	10	1,154
California	375	105,950	109	14,149	221	81,551	45	10,250
Colorado	13	2,126	5	862	3	494	5	770
Connecticut	81	18,077	12	798	52	11,046	17	6,233
Delaware	7	2,122			5	1,742	2	380
District of Columbia	33	7,675	2	898	19	3,264	12	3,513
Florida	61	11,843	9	728	20	3,781	32	7,334
Georgia	69	17,472	9	764	18	5,292	42	11,416
Idaho	16	1,046	8	466	5	421	3	159
Illinois	76	20,251	21	4,249	14	2,161	41	13,841
Indiana	54	8,872	16	1,293	20	3,951	18	3,628
Iowa	21	2,232	17	1,319	4	913		
Kansas	21	6,927	6	171	15	6,756		
Kentucky	26	5,269	6	223	2	519	18	4,527
Louisiana	29	8,160	3	172	7	1,490	19	6,498
Maine	13	1,948			13	1,948		
Maryland	51	18,635	4	308	32	12,078	15	6,249
Massachusetts	59	14,420	29	3,304	12	2,663	18	8,453
Michigan	80	26,827	9	828	60	18,410	11	7,589
Minnesota	15	1,083	13	556	1	63	1	464
Mississippi	35	4,827	5	739	9	1,907	21	2,181
Missouri	13	3,745	8	1,343	2	445	3	1,957
Montana	12	974	3	132	5	309	4	533
Nebraska	25	3,792	14	771	8	1,943	3	1,078
Nevada	18	1,749	7	196	11	1,553		
New Hampshire	5	1,361	1	80	4	1,281		
New Jersey	90	16,723	40	3,059	15	4,465	35	9,199
New Mexico	16	1,241	7	592	8	571	1	78
New York	99	35,434	60	10,737	17	5,961	22	18,736
North Carolina	40	7,614	3	288	17	3,837	20	3,489
North Dakota	6	160	6	160				
Ohio	118	34,203	22	2,581	57	15,448	39	16,174
Oklahoma	10	2,387	6	825	2	1,128	2	434
Oregon	58	10,807	8	625	47	9,582	3	600
Pennsylvania	130	37,172	7	1,166	73	22,122	50	13,884
Rhode Island	12	3,254	3	128	2	800	7	2,326
South Carolina	33	5,880	4	321	12	2,888	17	2,671
South Dakota	9	629	8	539	1	90		
Tennessee	38	9,832	5	1,050	8	1,689	25	7,093
Texas	125	28,188	31	5,002	46	12,175	48	11,011
Utah	30	6,720	13	1,874	17	4,846		
Vermont	8	699	5	376	3	323		
Virginia	56	25,952	5	833	36	22,118	15	3,001
Washington	89	27,354	7	717	73	23,030	9	3,607
West Virginia	22	1,925	10	368			12	1,557
Wisconsin	22	3,678	14	1,131	4	1,011	4	1,536
Wyoming	9	901	2	54	7	847		
Alaska	13	379	1	22	12	357		
Hawaii	12	4,077	6	1,989	2	1,247	4	841
Puerto Rico	27	6,052	1	132			26	5,920
Virgin Islands	1	126					1	126

[1] Includes Public War Housing (Lanham constructed), and Homes Conversion programs.
[2] Includes U. S. Housing Act and Subsistence Homestead—Greenbelt Towns program.

Source: Housing and Home Finance Agency, Public Housing Administration; Annual Report.

No. 892.—Dwelling Units, Urban and Rural—Occupied Units by Equipment and Facilities: May 1948

[Based on supplement to Current Population Survey of May 1948; see Sampling Note, p. 183]

ITEM	PERCENT DISTRIBUTION OF OCCUPIED DWELLING UNITS				
	United States	Urban and rural-nonfarm			Rural-farm
		Total	Urban	Rural-nonfarm	
Percent of total	100.0	83.2	61.4	21.8	16.8
Bathtub or shower, total	100.0	100.0	100.0	100.0	100.0
Exclusive use	68.5	76.7	82.9	59.4	27.4
Shared	4.6	5.4	6.8	1.5	.7
None	26.9	17.9	10.3	39.1	71.8
Cooking equipment, total	100.0	100.0	100.0	100.0	100.0
Exclusive use	99.1	99.0	99.0	99.2	99.5
Shared	.4	.4	.4	.4	.1
None	.5	.5	.6	.4	.4
Kitchen sink, total	100.0	100.0	100.0	100.0	100.0
Exclusive use	81.4	88.7	93.6	74.7	45.3
Shared	.5	.6	.7	.2	.2
None	18.1	10.8	5.7	25.0	54.5
Entrance to living quarters, total	100.0	100.0	100.0	100.0	100.0
Direct from outside	81.1	77.5	70.7	96.8	98.7
From a common hall	17.7	21.1	27.6	2.7	.9
Other	1.2	1.4	1.7	.5	.4

Source: Department of Commerce, Bureau of the Census; Current Population Report, Housing, Series P-70, No. 3.

No. 893.—Dwelling Units in Single-Unit and in Multi-Unit Structures, Urban and Rural—Occupied Units by Equipment and Facilities: May 1948

[Based on supplement to Current Population Survey of May 1948; see Sampling Note, p. 183]

ITEM	PERCENT DISTRIBUTION OF OCCUPIED DWELLING UNITS				
	United States	Urban and rural-nonfarm			Rural-farm
		Total	Urban	Rural-nonfarm	
BATHING EQUIPMENT, COOKING EQUIPMENT, KITCHEN SINK					
Percent of total	100.0	83.2	61.4	21.8	16.8
Total	100.0	100.0	100.0	100.0	100.0
In single-unit structures	67.2	61.5	52.3	87.2	95.7
Bathtub or shower for exclusive use	43.7	47.2	45.5	52.1	26.3
Shared or none	23.5	14.2	6.8	35.1	69.4
Cooking equipment for exclusive use	66.9	61.2	52.1	86.9	95.2
Shared or none	.3	.2	.2	.3	.4
Kitchen sink for exclusive use	51.4	53.0	48.9	64.7	43.2
Shared or none	15.8	8.4	3.4	22.6	52.5
In multi-unit structures	32.8	38.5	47.7	12.8	4.3
Bathtub or shower for exclusive use	24.7	29.5	37.4	7.3	1.1
Shared or none	8.1	9.0	10.3	5.4	3.2
Cooking equipment for exclusive use	32.2	37.8	46.9	12.3	4.2
Shared or none	.6	.7	.8	.5	(1)
Kitchen sink for exclusive use	30.0	35.6	44.8	10.1	2.1
Shared or none	2.8	2.9	2.9	2.7	2.2
ENTRANCE TO LIVING QUARTERS					
Total	100.0	100.0	100.0	100.0	100.0
In single-unit structures	67.2	61.5	52.3	87.2	95.7
In multi-unit structures	32.8	38.5	47.7	12.8	4.3
Direct from outside	13.9	16.1	18.4	9.5	3.0
From a common hall	17.7	21.1	27.6	2.7	.9
Other	1.2	1.4	1.7	.5	.4

[1] Less than one-tenth of 1 percent.

Source: Department of Commerce, Bureau of the Census; Current Population Report, Housing, Series P-70, No. 3.

No. 894.—Dwelling Units, Urban and Rural—Occupied Units by Type of Cooking Equipment and Fuel Used: May 1948

[Based on supplement to Current Population Survey of May 1948; see Sampling Note, p. 183]

COOKING EQUIPMENT	Percent of total	PERCENT DISTRIBUTION OF OCCUPIED DWELLING UNITS							
		Total	Principal fuel used for cooking						
			Piped gas	Tank gas	Electricity	Wood	Kerosene or gasoline	Coal or coke	Other
UNITED STATES									
Total	**100.0**	**100.0**	**53.3**	**7.0**	**12.6**	**11.1**	**8.5**	**7.3**	**0.2**
1 or 2 burners	3.0	100.0	18.4	2.3	18.6	15.0	27.8	17.5	.4
3 or more burners	97.0	100.0	54.4	7.1	12.4	11.0	7.9	7.0	.2
Built-in oven	94.8	100.0	55.3	7.2	12.7	11.1	6.4	7.1	.2
No built-in oven	2.3	100.0	18.1	3.1	3.3	5.3	68.9	1.3	----
URBAN AND RURAL—NONFARM									
Total	**100.0**	**100.0**	**63.5**	**5.1**	**12.7**	**4.8**	**7.2**	**6.5**	**.2**
1 or 2 burners	2.9	100.0	22.6	2.3	20.0	9.7	28.8	16.5	.2
3 or more burners	97.1	100.0	64.7	5.2	12.5	4.7	6.5	6.2	.2
Built-in oven	95.0	100.0	65.7	5.2	12.7	4.7	5.2	6.3	.2
No built-in oven	2.1	100.0	22.7	2.6	3.6	3.6	65.9	1.7	----
URBAN									
Total	**100.0**	**100.0**	**77.7**	**1.6**	**10.1**	**2.4**	**4.3**	**3.8**	**.2**
1 or 2 burners	2.6	100.0	32.0	----	22.4	6.4	23.5	15.7	----
3 or more burners	97.4	100.0	78.9	1.6	9.8	2.3	3.8	3.5	.2
Built-in oven	95.8	100.0	79.5	1.6	9.9	2.3	3.0	3.5	.2
No built-in oven	1.5	100.0	39.6	.9	2.3	1.4	55.4	.5	----
RURAL-NONFARM									
Total	**100.0**	**100.0**	**23.7**	**14.9**	**20.2**	**11.6**	**15.2**	**14.2**	**.2**
1 or 2 burners	3.6	100.0	3.2	6.9	14.9	16.5	39.9	18.1	.5
3 or more burners	96.4	100.0	24.5	15.2	20.4	11.4	14.2	14.1	.2
Built-in oven	92.6	100.0	25.3	15.6	21.0	11.6	11.6	14.5	.2
No built-in oven	3.8	100.0	4.0	4.5	5.0	6.0	77.5	3.0	----
RURAL-FARM									
Total	**100.0**	**100.0**	**3.0**	**16.2**	**12.0**	**42.3**	**15.1**	**10.9**	**.4**
1 or 2 burners	3.3	100.0	----	2.3	12.9	37.9	23.5	22.0	1.5
3 or more burners	96.7	100.0	3.1	16.7	12.0	42.4	14.9	10.5	.4
Built-in oven	93.6	100.0	3.1	17.1	12.3	43.4	12.7	10.9	.4
No built-in oven	3.1	100.0	2.4	4.8	2.4	11.3	79.0	----	----

Source: Department of Commerce, Bureau of the Census; Current Population Report, Housing, Series P-70, No. 3.

No. 895.—Dwelling Units, Urban and Rural—Characteristics of Occupied Units, 1947

[Based on Current Population Survey of April 1947; see Sampling Note, p. 183]

SUBJECT	NUMBER (THOUSANDS, EXCEPT MEDIANS)				PERCENT DISTRIBUTION			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
All occupied dwelling units	**39,016**	**23,835**	**8,519**	**6,662**	**100.0**	**100.0**	**100.0**	**100.0**
Owner	21,347	11,547	5,478	4,322	54.7	48.4	64.3	64.9
Tenant	17,669	12,288	3,041	2,340	45.3	51.6	35.7	35.1
White	35,495	21,594	7,917	5,984	91.0	90.6	92.9	89.8
Nonwhite	3,521	2,241	602	678	9.0	9.4	7.1	10.2
STATE OF REPAIR AND PLUMBING EQUIPMENT								
With private bath and private flush toilet	26,436	20,095	4,885	1,456	67.8	84.3	57.3	21.9
With private flush toilet, no private bath	1,522	1,137	287	98	3.9	4.8	3.4	1.5
With running water, no private flush toilet	3,432	1,589	1,038	805	8.8	6.7	12.2	12.1
No running water in dwelling unit	7,626	1,014	2,309	4,303	19.5	4.3	27.1	64.6
In good condition or need minor repairs	**35,574**	**22,267**	**7,677**	**5,630**	**91.2**	**93.4**	**90.1**	**84.5**
With private bath and private flush toilet	25,667	19,505	4,744	1,418	65.8	81.8	55.7	21.3
With private flush toilet, no private bath	1,262	912	260	90	3.2	3.8	3.1	1.4
With running water, no private flush toilet	2,863	1,224	927	712	7.3	5.1	10.9	10.7
No running water in dwelling unit	5,782	626	1,746	3,410	14.8	2.6	20.5	51.2
In need of major repairs	**3,442**	**1,568**	**842**	**1,032**	**8.8**	**6.6**	**9.9**	**15.5**
With private bath and private flush toilet	769	590	141	38	2.0	2.5	1.7	.6
With private flush toilet, no private bath	260	225	27	8	.7	.9	.3	.1
With running water, no private flush toilet	569	365	111	93	1.5	1.5	1.3	1.4
No running water in dwelling unit	1,844	388	563	893	4.7	1.6	6.6	13.4
DESIGNATED FACILITIES [1]								
Having all designated facilities	26,102	19,893	4,807	1,402	66.9	83.5	56.4	21.0
Lacking one or more designated facilities	12,914	3,942	3,712	5,260	33.1	16.5	43.6	79.0
NUMBER OF ROOMS								
1 room	707	470	162	75	1.8	2.0	1.9	1.1
2 rooms	2,598	1,753	512	333	6.7	7.4	6.0	5.0
3 rooms	5,265	3,370	1,116	779	13.5	14.1	13.1	11.7
4 rooms	7,887	4,613	1,956	1,318	20.2	19.4	23.0	19.8
5 rooms	8,601	5,470	1,934	1,197	22.0	22.9	22.7	18.0
6 rooms	7,230	4,634	1,452	1,144	18.5	19.4	17.0	17.2
7 rooms	3,349	1,862	712	775	8.6	7.8	8.4	11.6
8 or more rooms	3,379	1,663	675	1,041	8.7	7.0	7.9	15.6
Median number of rooms	4.85	4.81	4.77	5.19				
SIZE OF HOUSEHOLD								
1 person	2,864	1,983	621	260	7.3	8.3	7.3	3.9
2 persons	10,596	6,627	2,383	1,586	27.2	27.8	28.0	23.8
3 persons	8,954	5,659	1,890	1,405	22.9	23.7	22.2	21.1
4 persons	7,359	4,466	1,633	1,260	18.9	18.7	19.2	18.9
5 persons	4,344	2,544	964	836	11.1	10.7	11.3	12.5
6 persons	2,273	1,246	464	563	5.8	5.2	5.4	8.5
7 persons	1,140	607	247	286	2.9	2.5	2.9	4.3
8 or more persons	1,486	703	317	466	3.8	2.9	3.7	7.0
Median number of persons	3.18	3.08	3.16	3.56				
PERSONS PER ROOM								
0.50 or less	13,651	8,234	3,065	2,352	35.0	34.5	36.0	35.3
0.51 to 1.50	22,998	14,553	4,793	3,652	58.9	61.1	56.3	54.8
1.51 or more	2,367	1,048	661	658	6.1	4.4	7.8	9.9
CENTRAL HEATING								
With central heating	19,565	15,296	3,123	1,146	50.1	64.2	36.7	17.2
Without central heating	19,451	8,539	5,396	5,516	49.9	35.8	63.3	82.8
ELECTRIC LIGHTING								
With electric lighting	35,414	23,414	7,785	4,215	90.8	98.2	91.4	63.3
Without electric lighting	3,602	421	734	2,447	9.2	1.8	8.6	36.7
INSTALLED COOKING FACILITIES								
With installed cooking facilities	37,860	23,367	8,184	6,309	97.0	98.0	96.1	94.7
Without installed cooking facilities	1,156	468	335	353	3.0	2.0	3.9	5.3

[1] Electric lighting and running water; flush toilet, bathtub or shower; and installed cooking facilities for exclusive use of unit's occupants.

Source: Dept. of Commerce, Bureau of Census; Current Population Report, Housing, Series P-70 No. 1.

No. 896.—Dwelling Units, Urban and Rural—Occupancy, Tenure and Color of Occupants: 1940

Occupancy, and tenure and color of occupants	Number				Percent distribution			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
OCCUPANCY								
All dwelling units	37,325,470	21,616,352	8,066,837	7,642,281	100.0	57.9	21.6	20.5
Occupied	34,854,532	20,596,500	7,151,473	7,106,559	100.0	59.1	20.5	20.4
Vacant, for sale or rent	1,864,383	918,297	510,676	435,410	100.0	49.3	27.4	23.4
Ordinary	1,475,374	826,243	275,940	373,191	100.0	56.0	18.7	25.3
Seasonal	341,831	65,074	224,670	52,087	100.0	19.0	65.7	15.2
Not reporting	47,178	26,980	10,066	10,132	100.0	57.2	21.3	21.5
Vacant, not for sale or rent	606,555	101,555	404,688	100,312	100.0	16.7	66.7	16.5
Held for absent household	500,913	69,599	346,556	84,758	100.0	13.9	69.2	16.9
Ordinary	164,516	45,203	67,044	52,269	100.0	27.5	40.8	31.8
Seasonal	336,397	24,396	279,512	32,489	100.0	7.3	83.1	9.7
Occupied by nonresident household	105,642	31,956	58,132	15,554	100.0	30.2	55.0	14.7
Ordinary	44,276	21,967	13,474	8,835	100.0	49.6	30.4	20.0
Seasonal	61,366	9,989	44,658	6,719	100.0	16.3	72.8	10.9
TENURE AND COLOR								
Occupied dwelling units	34,854,532	20,596,500	7,151,473	7,106,559	100.0	59.1	20.5	20.4
Owner	15,195,763	7,714,960	3,698,076	3,782,727	100.0	50.8	24.3	24.9
Tenant	19,658,769	12,881,540	3,453,397	3,323,832	100.0	65.5	17.6	16.9
Occupied by white household	31,561,126	18,868,480	6,590,687	6,101,959	100.0	59.8	20.9	19.3
Owner	14,418,092	7,372,835	3,494,220	3,551,037	100.0	51.1	24.2	24.6
Tenant	17,143,034	11,495,645	3,096,467	2,550,922	100.0	67.1	18.1	14.9
Occupied by nonwhite household	3,293,406	1,728,020	560,786	1,004,600	100.0	52.5	17.0	30.5
Owner	777,671	342,125	203,856	231,690	100.0	44.0	26.2	29.8
Tenant	2,515,735	1,385,895	356,930	772,910	100.0	55.1	14.2	30.7

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 897.—Occupied Dwelling Units or Families—Tenure: 1890 to 1940

[1940 figures based on occupied dwelling units; not strictly comparable with data for private families, but differences are negligible. Figures for 1900 and 1930 represent private families only; those for 1890, 1910, and 1920 include small number of quasi-family groups. For 1947 data, see table 895]

Area and year	Occupied dwelling units or families	Reporting tenure	Owner		Tenant	
			Number	Percent	Number	Percent
United States:						
1890 [1]	12,690,152	12,690,152	6,066,417	47.8	6,623,735	52.2
1900	15,963,965	15,428,987	7,205,212	46.7	8,223,775	53.3
1910	20,255,555	19,781,606	9,083,711	45.9	10,697,895	54.1
1920	24,351,676	23,810,558	10,866,960	45.6	12,943,598	54.4
1930	29,904,663	29,321,891	14,002,074	47.8	15,319,817	52.2
1940 [1]	34,854,532	34,854,532	15,195,763	43.6	19,658,769	56.4
Urban:						
1930	17,372,524	17,113,913	7,432,554	43.4	9,681,359	56.6
1940	20,596,500	20,596,500	7,714,960	37.5	12,881,540	62.5
Rural-nonfarm:						
1930	5,927,502	5,803,159	3,117,418	53.7	2,685,741	46.3
1940	7,151,473	7,151,473	3,698,076	51.7	3,453,397	48.3
Rural-farm:						
1930	6,604,637	6,404,819	3,452,102	53.9	2,952,717	46.1
1940	7,106,559	7,106,559	3,782,727	53.2	3,323,832	46.8

[1] Includes estimated data for those of unknown tenure.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 898.—Dwelling Units, Urban and Rural—Occupancy and Tenure, by Average and Median Monthly Rent: 1940

[For urban and rural-nonfarm units, monthly rent includes land; for farm units, farm land is excluded. Monthly rental data include contract rent of tenant-occupied nonfarm units and estimated rent of other units. Monthly rent of owner-occupied rural-farm units is an estimate based on 1 percent of reported value]

AREA AND SUBJECT	All dwelling units	Owner occupied	Tenant occupied	Vacant, for sale or rent	Vacant, not for sale or rent
REPORTING MONTHLY RENT					
Total	**35,938,118**	**14,403,635**	**19,223,611**	**1,749,702**	**561,170**
Urban and rural-nonfarm	29,129,996	11,129,428	16,177,770	1,350,647	472,151
Urban	21,239,794	7,488,676	12,790,473	867,613	93,032
Rural-nonfarm	7,890,202	3,640,752	3,387,297	483,034	379,119
Rural-farm	6,808,122	3,274,207	3,045,841	399,055	89,019
AVERAGE MONTHLY RENT					
Total	**$24.15**	**$27.47**	**$21.17**	**$26.55**	**$33.30**
Urban and rural-nonfarm	27.45	31.52	23.95	32.60	37.09
Urban	30.83	36.69	27.01	34.83	47.24
Rural-nonfarm	18.35	20.88	12.36	28.59	34.59
Rural-farm	10.00	13.69	6.45	6.09	13.22
MEDIAN MONTHLY RENT [1]					
Total	**$20.09**	**$23.17**	**$18.22**	**$18.59**	**$21.52**
Urban and rural-nonfarm	23.73	27.45	21.41	24.60	24.25
Urban	27.31	32.59	24.60	27.98	32.28
Rural-nonfarm	13.20	16.21	10.08	17.19	22.57
Rural-farm	5.97	9.78	4.72	3.84	6.29

[1] For definition of median, see headnote, table 904.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 899.—Dwelling Units, Urban and Rural—Estimated Total Monthly Rent and Estimated Total Value: 1940

[For urban and rural-nonfarm units, monthly rent and value include land; for farm units, farm land is excluded. Monthly rental data include contract rent of tenant-occupied nonfarm units and estimated rent of other units. Monthly rent of owner-occupied rural-farm units is an estimate based on 1 percent of reported value. Value of owner-occupied units represents the owners' estimate of the value. For tenant-occupied and vacant units value was estimated as 100 times the monthly rent. Value or rent of units for which these data were not reported was estimated by assuming that the average value or rent of such units was the same as the value or rent of reporting units in the corresponding tenure and occupancy group of the urban and rural areas of each region]

[In thousands]

SUBJECT AND OCCUPANCY STATUS	Total	Urban	Rural-nonfarm	Rural-farm
Estimated total monthly rent of all dwelling units	**$893,715**	**$668,362**	**$148,565**	**$76,788**
Owner-occupied	411,906	283,508	77,211	51,187
Tenant-occupied	412,287	347,984	42,705	21,598
Vacant, for sale or rent	49,422	32,068	14,678	2,676
Vacant, not for sale or rent	20,101	4,802	13,971	1,327
Estimated total value of all dwelling units	**$95,439,310**	**$71,110,397**	**$16,267,971**	**$8,060,942**
Owner-occupied	46,151,888	31,929,917	8,914,115	5,307,855
Tenant-occupied	42,211,598	35,442,459	4,443,164	2,325,975
Vacant, for sale or rent	5,035,391	3,252,718	1,493,318	289,355
Vacant, not for sale or rent	2,040,433	485,302	1,417,373	137,757

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Special Reports, Series H-1943, No. 1.

No. 900.—Dwelling Units, Urban and Rural—Type of Structure, Number of Rooms, and Facilities: 1940

Subject	Number				Percent distribution			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
TYPE OF STRUCTURE								
All dwelling units	**37,325,470**	**21,616,352**	**8,066,837**	**7,642,281**	**100.0**	**100.0**	**100.0**	**100.0**
1-family detached	23,730,637	9,684,186	6,710,134	7,336,317	63.6	44.8	83.2	96.0
1-family attached	1,178,318	974,546	141,981	61,791	3.2	4.5	1.8	.8
2-family side-by-side	1,656,858	1,215,558	355,024	86,276	4.4	5.6	4.4	1.1
2-family other	3,464,282	3,011,204	352,114	100,964	9.3	13.9	4.4	1.3
3-family	1,384,644	1,271,559	101,373	11,712	3.7	5.9	1.3	.2
4-family	874,732	824,024	47,544	3,164	2.3	3.8	.6	(1)
1- to 4-family business	940,726	713,048	212,227	15,451	2.5	3.3	2.6	.2
5- to 9-family	1,492,145	1,437,293	51,043	3,809	4.0	6.6	.6	(1)
10- to 19-family	854,266	836,946	15,614	1,706	2.3	3.9	.2	(1)
20-family or more	1,581,887	1,571,186	9,901	800	4.2	7.3	.1	(1)
Other dwelling place	166,975	76,802	69,882	20,291	.4	.4	.9	.3
CONVERSION								
Number reporting	**36,610,744**	**21,176,969**	**7,916,203**	**7,517,572**	**100.0**	**100.0**	**100.0**	**100.0**
In nonconverted structures	33,207,629	18,591,550	7,325,671	7,290,408	90.7	87.8	92.5	97.0
In converted structures	3,403,115	2,585,419	590,532	227,164	9.3	12.2	7.5	3.0
Converted to different number of units	2,940,377	2,352,425	410,885	177,067	8.0	11.1	5.2	2.4
Converted from nonresidential	462,738	232,994	179,647	50,097	1.3	1.1	2.3	.7
YEAR BUILT								
Number reporting	**34,664,339**	**19,747,848**	**7,582,641**	**7,333,850**	**100.0**	**100.0**	**100.0**	**100.0**
1935 to 1940	3,190,264	1,215,295	1,256,282	718,687	9.2	6.2	16.6	9.8
1930 to 1934	2,337,832	977,927	788,711	571,194	6.7	5.0	10.4	7.8
1925 to 1929	4,554,531	3,032,741	954,618	567,172	13.1	15.4	12.6	7.7
1920 to 1924	3,960,733	2,455,596	809,960	695,177	11.4	12.4	10.7	9.5
1910 to 1919	6,445,480	3,784,521	1,224,220	1,436,739	18.6	19.2	16.1	19.6
1900 to 1909	6,116,557	3,731,590	1,064,594	1,320,373	17.6	18.9	14.0	18.0
1890 to 1899	3,563,847	2,221,775	581,755	760,317	10.3	11.3	7.7	10.4
1880 to 1889	1,952,257	1,149,558	341,977	460,722	5.6	5.8	4.5	6.3
1860 to 1879	1,535,297	801,704	304,768	428,825	4.4	4.1	4.0	5.8
1859 or earlier	1,007,541	377,141	255,756	374,644	2.9	1.9	3.4	5.1
Median age (years)[2]	25.4	26.1	20.2	28.1				
NUMBER OF ROOMS								
Number reporting	**36,832,186**	**21,339,428**	**7,951,314**	**7,541,444**	**100.0**	**100.0**	**100.0**	**100.0**
1 room	1,307,344	760,796	341,918	204,630	3.5	3.6	4.3	2.7
2 rooms	3,215,423	1,710,499	793,055	711,869	8.7	8.0	10.0	9.4
3 rooms	5,331,572	3,104,302	1,107,032	1,120,238	14.5	14.5	13.9	14.9
4 rooms	6,891,990	3,815,290	1,568,730	1,507,970	18.7	17.9	19.7	20.0
5 rooms	7,302,053	4,648,797	1,503,556	1,149,700	19.8	21.8	18.9	15.2
6 rooms	6,321,630	4,001,856	1,252,022	1,067,752	17.2	18.8	15.7	14.2
7 rooms	2,868,719	1,559,344	632,364	677,011	7.8	7.3	8.0	9.0
8 rooms	1,886,121	916,878	406,534	562,709	5.1	4.3	5.1	7.5
9 rooms	737,986	349,386	151,055	237,545	2.0	1.6	1.9	3.1
10 rooms	481,339	228,027	97,582	155,730	1.3	1.1	1.2	2.1
11 rooms or more	488,009	244,253	97,466	146,290	1.3	1.1	1.2	1.9
Median number of rooms[2]	4.73	4.78	4.61	4.70				
STATE OF REPAIR AND PLUMBING EQUIPMENT								
Number reporting	**35,026,442**	**20,063,571**	**7,659,437**	**7,303,434**	**100.0**	**100.0**	**100.0**	**100.0**
Not needing major repairs	**28,612,715**	**17,764,681**	**6,022,946**	**4,825,088**	**81.7**	**88.5**	**78.6**	**66.1**
With private bath and private flush toilet	17,793,341	14,327,960	2,767,351	698,030	50.8	71.4	36.1	9.6
With private flush toilet, no private bath	1,165,654	912,687	221,326	31,641	3.3	4.5	2.9	.4
With running water, no private flush toilet	2,814,261	1,688,425	755,804	370,032	8.0	8.4	9.9	5.1
No running water in dwelling unit	6,839,459	835,609	2,278,465	3,725,385	19.5	4.2	29.7	51.0
Needing major repairs	**6,413,727**	**2,298,890**	**1,636,491**	**2,478,346**	**18.3**	**11.5**	**21.4**	**33.9**
With private bath and private flush toilet	1,381,003	1,061,711	242,804	76,488	3.9	5.3	3.2	1.0
With private flush toilet, no private bath	336,125	283,157	46,659	6,309	1.0	1.4	.6	.1
With running water, no private flush toilet	811,910	473,416	229,159	109,335	2.3	2.4	3.0	1.5
No running water in dwelling unit	3,884,689	480,606	1,117,869	2,286,214	11.1	2.4	14.6	31.3
LIGHTING EQUIPMENT								
Number reporting	**36,746,762**	**21,283,388**	**7,950,578**	**7,512,796**	**100.0**	**100.0**	**100.0**	**100.0**
Electric	28,915,487	20,379,352	6,185,090	2,351,045	78.7	95.8	77.8	31.3
Gas	207,922	54,088	54,422	99,412	.6	.3	.7	1.3
Kerosene or gasoline	7,409,732	814,645	1,658,679	4,936,408	20.2	3.8	20.9	65.7
Other	213,621	35,303	52,387	125,931	.6	.2	.7	1.7

[1] Less than one-tenth of 1 percent.

[2] For definition of median, see headnote, table 904.

Source: Dept. of Comm., Bur. of Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 901.—Dwelling Units, Urban and Rural—Occupied Units by Persons Per Room, Facilities and Equipment, and Mortgage Status: 1940

Subject	Number				Percent distribution			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
All occupied dwelling units	34,854,532	20,596,500	7,151,473	7,106,559				
PERSONS PER ROOM								
Number reporting	34,447,032	20,364,883	7,064,895	7,017,254	100.0	100.0	100.0	100.0
0.50 or less	10,846,471	6,396,768	2,387,838	2,061,865	31.5	31.4	33.8	29.4
0.51 to 0.75	8,063,070	5,235,872	1,478,639	1,348,559	23.4	25.7	20.9	19.2
0.76 to 1.00	8,572,597	5,502,614	1,595,885	1,474,098	24.9	27.0	22.6	21.0
1.01 to 1.50	3,878,972	2,058,996	815,678	1,004,298	11.3	10.1	11.5	14.3
1.51 to 2.00	1,951,904	846,888	468,075	636,941	5.7	4.2	6.6	9.1
2.01 or more	1,134,018	323,745	318,780	491,493	3.3	1.6	4.5	7.0
RADIO								
Number reporting	33,890,506	20,010,014	6,969,455	6,911,037	100.0	100.0	100.0	100.0
With radio	28,048,219	18,386,121	5,502,730	4,159,368	82.8	91.9	79.0	60.2
No radio	5,842,287	1,623,893	1,466,725	2,751,669	17.2	8.1	21.0	39.8
REFRIGERATION EQUIPMENT								
Number reporting	34,205,414	20,253,009	7,016,193	6,936,212	100.0	100.0	100.0	100.0
Mechanical	15,093,346	11,339,901	2,718,532	1,034,913	44.1	56.0	38.7	14.9
Ice	9,253,063	6,395,522	1,613,169	1,244,372	27.1	31.6	23.0	17.9
Other	494,421	113,870	105,110	275,441	1.4	.6	1.5	4.0
None	9,364,584	2,403,716	2,579,382	4,381,486	27.4	11.9	36.8	63.2
COOKING FUEL								
Number reporting	34,342,311	20,290,588	7,050,578	7,001,145	100.0	100.0	100.0	100.0
Coal or coke	3,961,550	1,627,369	1,348,298	985,883	11.5	8.0	19.1	14.1
Wood	8,101,610	1,221,118	2,013,147	4,867,345	23.6	6.0	28.6	69.5
Gas	16,776,077	14,818,814	1,691,570	265,693	48.8	73.0	24.0	3.8
Electricity	1,837,503	1,038,295	613,189	186,019	5.4	5.1	8.7	2.7
Kerosene or gasoline	3,343,936	1,399,900	1,314,246	629,790	9.7	6.9	18.6	9.0
Other	178,728	82,469	39,276	56,983	.5	.4	.6	.8
None	142,907	102,623	30,852	9,432	.4	.5	.4	.1
HEATING EQUIPMENT								
Number reporting	34,149,065	20,190,303	7,004,175	6,954,587	100.0	100.0	100.0	100.0
With central heating	14,346,835	11,749,595	1,893,194	704,046	42.0	58.2	27.0	10.1
Steam or hot water system	7,427,754	6,619,331	669,217	139,206	21.8	32.8	9.6	2.0
Piped warm air system	5,725,394	4,472,616	878,064	374,714	16.8	22.2	12.5	5.4
Pipeless warm air furnace	1,193,687	657,648	345,913	190,126	3.5	3.3	4.9	2.7
Without central heating	19,802,230	8,440,708	5,110,981	6,250,541	58.0	41.8	73.0	89.9
Heating stove	15,928,323	7,081,478	4,286,929	4,559,916	46.6	35.1	61.2	65.6
Other or none	3,873,907	1,359,230	824,052	1,690,625	11.3	6.7	11.8	24.3
HEATING FUEL BY CENTRAL HEATING								
Reporting heating equipment	34,149,065	20,190,303	7,004,175	6,954,587	100.0	100.0	100.0	100.0
With central heating:								
Coal or coke	10,903,163	8,971,473	1,442,536	489,154	31.9	44.4	20.6	7.0
Wood	373,322	119,544	82,665	171,113	1.1	.6	1.2	2.5
Gas	1,109,587	983,683	114,239	11,665	3.2	4.9	1.6	.2
Fuel oil	1,687,737	1,428,188	231,755	27,794	4.9	7.1	3.3	.4
Other	78,215	66,083	9,621	2,511	.2	.3	.1	(1)
Not reporting fuel	194,811	180,624	12,378	1,809	.6	.9	.2	(1)
Without central heating:								
Coal or coke	7,622,427	3,850,639	2,288,734	1,483,054	22.3	19.1	32.7	21.3
Wood	7,362,155	1,063,340	1,837,154	4,461,661	21.6	5.3	26.2	64.2
Gas	2,728,381	2,139,792	484,962	103,627	8.0	10.6	6.9	1.5
Fuel oil	1,220,243	830,740	286,691	102,812	3.6	4.1	4.1	1.5
Kerosene or gasoline	486,479	333,629	107,788	45,062	1.4	1.7	1.5	.6
Other	50,022	27,617	12,405	10,000	.1	.1	.2	.1
None	262,648	161,466	71,196	29,986	.8	.8	1.0	.4
Not reporting fuel	69,875	33,485	22,051	14,339	.2	.2	.3	.2
MORTGAGE STATUS								
Owner-occupied nonfarm units	11,413,036	7,714,960	3,698,076					
Reporting mortgage status [2]	10,611,259	7,275,576	3,335,683		100.0	100.0	100.0	
Mortgaged	4,804,778	3,682,839	1,121,939		45.3	50.6	33.6	
Free of mortgage	5,806,481	3,592,737	2,213,744		54.7	49.4	66.4	
INCLUSION OF FURNITURE IN RENT								
Tenant-occupied nonfarm units	16,334,937	12,881,540	3,453,397					
Number reporting	14,680,168	11,784,595	2,895,573		100.0	100.0	100.0	
Furniture included in contract rent	1,850,901	1,634,304	216,597		12.6	13.9	7.5	
Furniture not included	12,829,267	10,150,291	2,678,976		87.4	86.1	92.5	

[1] Less than one-tenth of 1 percent.
[2] Mortgage data are limited to owner-occupied nonfarm units in structures without business and containing not more than 4 dwelling units.

Source: Dept. of Commerce, Bureau of Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 902.—Dwelling Units, Urban and Rural—Total and Occupied, by States: 1940

Division and State	All dwelling units				Occupied dwelling units			
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm
United States	**37,325,470**	**21,616,352**	**8,066,837**	**7,642,281**	**34,854,532**	**20,596,500**	**7,151,473**	**7,106,559**
New England	**2,438,329**	**1,762,742**	**526,411**	**149,176**	**2,201,421**	**1,674,259**	**395,506**	**131,656**
Maine	260,659	94,787	120,424	45,448	218,968	88,406	90,186	40,376
New Hampshire	158,044	79,549	59,260	19,235	132,936	75,355	41,550	16,031
Vermont	106,362	33,746	44,036	28,580	92,435	32,465	35,164	24,806
Massachusetts	1,221,252	1,059,441	135,579	26,232	1,120,694	1,002,433	94,541	23,720
Rhode Island	203,469	181,143	19,407	2,919	187,706	171,236	13,860	2,610
Connecticut	488,543	314,076	147,705	26,762	448,682	304,364	120,205	24,113
Middle Atlantic	**7,874,403**	**6,005,483**	**1,407,247**	**461,673**	**7,277,897**	**5,666,299**	**1,186,295**	**425,303**
New York	4,032,460	3,279,539	547,515	205,406	3,662,113	3,055,529	423,279	183,305
New Jersey	1,223,887	961,347	226,514	36,026	1,100,260	899,637	167,675	32,948
Pennsylvania	2,618,056	1,764,597	633,218	220,241	2,515,524	1,711,133	595,341	209,050
East North Central	**7,681,568**	**5,010,041**	**1,455,338**	**1,216,189**	**7,275,239**	**4,853,482**	**1,269,920**	**1,151,837**
Ohio	1,977,693	1,331,713	365,025	280,955	1,897,796	1,291,248	338,164	268,384
Indiana	1,005,952	555,147	228,338	222,467	961,498	541,073	208,010	212,415
Illinois	2,280,826	1,687,563	333,505	259,758	2,192,724	1,633,017	310,446	249,261
Michigan	1,519,378	958,532	322,921	237,925	1,396,014	924,913	252,211	218,890
Wisconsin	897,719	477,086	205,549	215,084	827,207	463,231	161,089	202,887
West North Central	**3,915,903**	**1,793,744**	**880,659**	**1,241,500**	**3,688,149**	**1,717,276**	**815,294**	**1,155,579**
Minnesota	773,042	394,693	159,769	218,580	728,359	383,336	135,689	209,334
Iowa	726,654	320,989	168,924	236,741	701,824	312,393	161,077	228,354
Missouri	1,140,493	609,286	219,366	311,841	1,068,642	573,347	204,507	290,788
North Dakota	162,881	35,118	49,063	78,700	152,043	34,069	47,024	70,950
South Dakota	179,744	45,281	53,087	81,376	165,428	43,558	49,548	72,322
Nebraska	387,368	153,358	94,515	139,495	360,744	146,259	89,390	125,095
Kansas	545,721	235,019	135,935	174,767	511,109	224,314	128,059	158,736
South Atlantic	**4,547,316**	**1,923,265**	**1,266,878**	**1,357,173**	**4,278,771**	**1,828,329**	**1,179,744**	**1,270,698**
Delaware	75,567	38,181	25,029	12,357	70,541	37,070	21,830	11,641
Maryland	500,156	297,243	143,734	59,179	465,683	286,505	124,112	55,066
Dist. of Columbia	185,128	185,128			173,445	173,445		
Virginia	659,787	252,179	184,768	222,840	627,532	244,105	174,219	209,208
West Virginia	459,725	144,152	199,660	115,913	444,815	140,556	192,771	111,488
North Carolina	820,888	246,060	227,681	347,147	789,659	239,917	217,703	332,039
South Carolina	458,899	126,503	132,422	199,974	434,968	123,503	126,119	185,346
Georgia	796,715	296,325	179,371	321,019	752,241	288,818	170,595	292,828
Florida	590,451	337,494	174,213	78,744	519,887	294,410	152,395	73,082
East South Central	**2,736,525**	**887,147**	**609,173**	**1,240,205**	**2,622,203**	**862,008**	**585,233**	**1,174,962**
Kentucky	729,206	247,957	187,475	293,774	698,538	238,283	179,890	280,365
Tennessee	742,030	283,649	158,037	300,344	714,894	276,056	152,197	286,641
Alabama	708,043	232,437	164,531	311,075	673,815	227,309	157,226	289,280
Mississippi	557,246	123,104	99,130	335,012	534,956	120,360	95,920	318,676
West South Central	**3,592,215**	**1,514,410**	**788,720**	**1,289,085**	**3,377,230**	**1,443,835**	**747,601**	**1,185,794**
Arkansas	520,613	127,751	116,225	276,637	495,825	123,528	111,636	260,661
Louisiana	619,233	271,064	143,392	204,777	592,528	262,927	136,615	192,986
Oklahoma	647,485	269,613	145,864	232,008	610,481	254,779	139,605	216,097
Texas	1,804,884	845,982	383,239	575,663	1,678,396	802,601	359,745	516,050
Mountain	**1,238,588**	**533,588**	**393,861**	**311,139**	**1,120,450**	**507,692**	**343,590**	**269,168**
Montana	177,443	67,221	56,301	53,921	159,963	64,148	49,737	46,078
Idaho	152,835	52,975	45,934	53,926	141,727	50,774	41,235	49,718
Wyoming	76,868	29,024	25,365	22,479	69,374	27,332	22,842	19,200
Colorado	354,660	182,794	96,208	75,658	316,000	174,759	77,956	63,285
New Mexico	145,642	49,527	50,166	45,949	129,475	46,713	43,097	39,665
Arizona	147,079	52,878	62,038	32,163	131,133	48,924	55,813	26,396
Utah	147,291	85,262	39,763	22,266	139,487	81,758	37,115	20,614
Nevada	36,770	13,907	18,086	4,777	33,291	13,284	15,795	4,212
Pacific	**3,300,623**	**2,185,932**	**738,550**	**376,141**	**3,013,172**	**2,043,320**	**628,290**	**341,562**
Washington	590,439	322,164	165,746	102,529	537,337	302,208	141,673	93,456
Oregon	369,811	184,069	104,744	80,998	337,492	172,560	92,667	72,265
California	2,340,373	1,679,699	468,060	192,614	2,138,343	1,568,552	393,950	175,841

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 903.—Owner-Occupied Dwelling Units, Urban and Rural, and Tenant-Occupied Units, by States: 1940

[For total number of occupied units, see table 902]

Division and State	Owner-occupied units								Tenant-occupied units	
	Number				Percent					
	Total	Urban	Rural-nonfarm	Rural-farm	Total	Urban	Rural-nonfarm	Rural-farm	Number	Percent
United States	**15,195,763**	**7,714,960**	**3,698,076**	**3,782,727**	**43.6**	**37.5**	**51.7**	**53.2**	**19,658,769**	**56.4**
New England	**924,408**	**592,745**	**224,230**	**107,433**	**42.0**	**35.4**	**56.7**	**81.6**	**1,277,013**	**58.0**
Maine	125,390	36,988	54,209	34,193	57.3	41.8	60.1	84.7	93,578	42.7
New Hampshire	68,705	30,757	24,374	13,574	51.7	40.8	58.7	84.7	64,231	48.3
Vermont	51,709	13,198	18,638	19,873	55.9	40.7	53.0	80.1	40,726	44.1
Massachusetts	426,785	351,833	55,940	19,012	38.1	35.1	59.2	80.2	693,909	61.9
Rhode Island	70,190	61,010	7,274	1,906	37.4	35.6	52.5	73.0	117,516	62.6
Connecticut	181,629	98,959	63,795	18,875	40.5	32.5	53.1	78.3	267,053	59.5
Middle Atlantic	**2,700,214**	**1,746,612**	**644,251**	**309,351**	**37.1**	**30.8**	**54.3**	**72.7**	**4,577,683**	**62.9**
New York	1,111,388	726,860	247,360	137,168	30.3	23.8	58.4	74.8	2,550,725	69.7
New Jersey	433,878	315,560	95,311	23,007	39.4	35.1	56.8	69.8	666,382	60.6
Pennsylvania	1,154,948	704,192	301,580	149,176	45.9	41.2	50.7	71.4	1,360,576	54.1
East North Central	**3,565,823**	**2,033,285**	**778,560**	**753,978**	**49.0**	**41.9**	**61.3**	**65.5**	**3,709,416**	**51.0**
Ohio	948,354	568,057	200,880	179,417	50.0	44.0	59.4	66.9	949,442	50.0
Indiana	510,636	245,764	126,050	138,822	53.1	45.4	60.6	65.4	450,862	46.9
Illinois	882,870	573,029	185,445	124,396	40.3	35.1	59.7	49.9	1,309,854	59.7
Michigan	773,755	438,376	169,355	166,024	55.4	47.4	67.1	75.8	622,259	44.6
Wisconsin	450,208	208,059	96,830	145,319	54.4	44.9	60.1	71.6	376,999	45.6
West North Central	**1,817,304**	**750,233**	**452,932**	**614,139**	**49.3**	**43.7**	**55.6**	**53.1**	**1,870,845**	**50.7**
Minnesota	402,318	184,886	82,143	135,289	55.2	48.2	60.5	64.6	326,041	44.8
Iowa	361,477	157,732	94,440	109,305	51.5	50.5	58.6	47.9	340,347	48.5
Missouri	472,950	201,064	109,856	162,030	44.3	35.1	53.7	55.7	595,692	55.7
North Dakota	75,710	13,549	24,526	37,635	49.8	39.8	52.2	53.0	76,333	50.2
South Dakota	74,388	18,259	23,708	32,421	45.0	41.9	47.8	44.8	91,040	55.0
Nebraska	169,966	67,969	46,606	55,391	47.1	46.5	52.1	44.3	190,778	52.9
Kansas	260,495	106,774	71,653	82,068	51.0	47.6	56.0	51.7	250,614	49.0
South Atlantic	**1,733,705**	**631,317**	**491,233**	**611,155**	**40.5**	**34.5**	**41.6**	**48.1**	**2,545,066**	**59.5**
Delaware	33,213	15,265	11,513	6,435	47.1	41.2	52.7	55.3	37,328	52.9
Maryland	220,765	116,595	71,450	32,720	47.4	40.7	57.6	59.4	244,918	52.6
Dist. of Columbia	51,944	51,944	----	----	29.9	29.9	----	----	121,501	70.1
Virginia	306,688	88,362	85,994	132,332	48.9	36.2	49.4	63.3	320,844	51.1
West Virginia	194,409	56,588	61,920	75,901	43.7	40.3	32.1	68.1	250,406	56.3
North Carolina	335,063	76,758	92,787	165,518	42.4	32.0	42.6	49.8	454,596	57.6
South Carolina	133,279	33,309	35,618	64,352	30.6	27.0	28.2	34.7	301,689	69.4
Georgia	231,689	76,968	61,297	93,424	30.8	26.6	35.9	31.9	520,552	69.2
Florida	226,655	115,528	70,654	40,473	43.6	39.2	46.4	55.4	293,232	56.4
East South Central	**1,055,110**	**294,486**	**233,166**	**527,458**	**40.2**	**34.2**	**39.8**	**44.9**	**1,567,093**	**59.8**
Kentucky	335,350	90,425	74,854	170,071	48.0	37.9	41.6	60.7	363,188	52.0
Tennessee	315,182	92,385	69,529	153,268	44.1	33.5	45.7	53.5	399,712	55.9
Alabama	226,460	70,224	51,943	104,293	33.6	30.9	33.0	36.1	447,355	66.4
Mississippi	178,118	41,452	36,840	99,826	33.3	34.4	38.4	31.3	356,838	66.7
West South Central	**1,394,207**	**566,835**	**356,475**	**470,897**	**41.3**	**39.3**	**47.7**	**39.7**	**1,983,023**	**58.7**
Arkansas	196,916	47,397	47,185	102,334	39.7	38.4	42.3	39.3	298,909	60.3
Louisiana	218,447	83,491	65,967	68,989	36.9	31.8	48.3	35.7	374,081	63.1
Oklahoma	261,162	109,403	65,746	86,013	42.8	42.9	47.1	39.8	349,319	57.2
Texas	717,682	326,544	177,577	213,561	42.8	40.7	49.4	41.4	960,714	57.2
Mountain	**582,978**	**233,574**	**179,270**	**170,134**	**52.0**	**46.0**	**52.2**	**63.2**	**537,472**	**48.0**
Montana	83,126	27,627	26,652	28,847	52.0	43.1	53.6	62.6	76,837	48.0
Idaho	82,078	27,059	22,577	32,442	57.9	53.3	54.8	65.3	59,649	42.1
Wyoming	33,749	12,645	9,768	11,336	48.6	46.3	42.8	59.0	35,625	51.4
Colorado	146,455	75,062	38,902	32,491	46.3	43.0	49.9	51.3	169,545	53.7
New Mexico	74,150	21,851	23,824	28,475	57.3	46.8	55.3	71.8	55,325	42.7
Arizona	62,842	19,191	26,867	16,784	47.9	39.2	48.1	63.6	68,291	52.1
Utah	85,225	44,568	23,766	16,891	61.1	54.5	64.0	81.9	54,262	38.9
Nevada	15,353	5,571	6,914	2,868	46.1	41.9	43.8	68.1	17,938	53.9
Pacific	**1,422,014**	**865,873**	**337,959**	**218,182**	**47.2**	**42.4**	**53.8**	**63.9**	**1,591,158**	**52.8**
Washington	306,174	152,059	85,973	68,142	57.0	50.3	60.7	72.9	231,163	43.0
Oregon	187,044	84,211	51,564	51,269	55.4	48.8	55.6	70.9	150,448	44.6
California	928,796	629,603	200,422	98,771	43.4	40.1	50.9	56.2	1,209,547	56.6

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 904.—Dwelling Units, Urban and Rural-Nonfarm—Median Rent, Median Value, and Mortgage Status, by Tenure, by States: 1940

[Median defined: That item which is in the middle of a series arranged according to size. Thus, the median rent is the rent which divides the total number of dwelling units into two equal groups, one having rents higher than the median and one having rents lower than the median]

Division and State	Median contract or estimated monthly rent (dollars)[1]			Owner occupied					
				Median value (dollars)			Mortgage status[2]		
	Total nonfarm	Owner occupied	Tenant occupied	Total nonfarm	Urban	Rural-nonfarm	Nonfarm units reporting	Mortgaged	
								Number	Percent
United States	**23.73**	**27.45**	**21.41**	**2,938**	**3,501**	**1,715**	**10,611,259**	**4,804,778**	**45.3**
New England	**26.19**	**32.87**	**23.19**	**3,652**	**3,944**	**2,747**	**760,509**	**437,967**	**57.6**
Maine	18.87	19.14	17.41	2,008	2,873	1,483	82,833	24,935	30.1
New Hampshire	19.97	23.13	17.53	2,505	3,048	1,893	50,669	20,703	40.9
Vermont	19.02	24.37	16.25	2,836	4,141	2,057	29,625	11,931	40.3
Massachusetts	28.00	35.63	24.69	3,837	3,981	2,997	380,030	238,860	62.9
Rhode Island	23.29	33.05	20.17	3,848	3,941	3,045	64,316	37,764	58.7
Connecticut	28.91	38.84	25.00	4,615	4,575	4,682	153,036	103,774	67.8
Middle Atlantic	**30.39**	**34.85**	**28.59**	**3,840**	**4,210**	**2,824**	**2,234,904**	**1,162,623**	**52.0**
New York	34.51	39.48	33.39	4,389	4,730	3,352	909,145	565,045	62.2
New Jersey	31.73	40.53	27.95	4,528	4,848	3,599	383,899	212,979	55.5
Pennsylvania	24.21	28.81	21.30	3,205	3,562	2,221	941,860	384,599	40.8
East North Central	**25.79**	**28.41**	**23.70**	**3,096**	**3,572**	**1,803**	**2,645,649**	**1,250,981**	**47.3**
Ohio	25.03	29.79	21.59	3,415	3,816	2,024	731,918	363,523	49.7
Indiana	19.60	22.79	17.38	2,406	2,937	1,434	348,916	163,899	47.0
Illinois	27.70	29.61	26.58	3,277	3,766	1,715	704,885	314,298	44.6
Michigan	27.44	28.31	26.64	2,863	3,310	1,749	574,590	284,829	49.6
Wisconsin	26.30	28.93	23.89	3,232	3,701	2,136	285,340	124,432	43.6
West North Central	**18.87**	**22.00**	**17.01**	**2,312**	**2,930**	**1,417**	**1,119,251**	**424,945**	**38.0**
Minnesota	24.87	28.37	21.68	3,024	3,511	1,876	250,528	102,790	41.0
Iowa	18.87	21.09	16.94	2,253	2,769	1,479	232,424	77,369	33.3
Missouri	18.51	22.62	16.77	2,392	3,005	1,316	287,784	129,805	45.1
North Dakota	15.36	16.07	15.07	1,626	3,319	1,185	34,668	9,574	27.6
South Dakota	14.36	15.88	13.84	1,618	2,571	1,139	38,008	11,084	29.2
Nebraska	17.57	20.00	15.92	2,156	2,793	1,375	108,879	38,476	35.3
Kansas	14.91	16.94	13.69	1,733	2,111	1,247	166,960	55,847	33.4
South Atlantic	**16.05**	**24.31**	**12.49**	**2,513**	**3,380**	**1,542**	**1,021,508**	**399,517**	**39.1**
Delaware	28.26	37.81	22.58	4,159	4,743	3,381	24,869	12,646	50.9
Maryland	25.60	31.65	21.66	3,031	3,050	2,984	173,580	76,250	43.9
District of Columbia	47.53	64.80	41.42	7,568	7,568	------	50,151	32,511	64.8
Virginia	16.45	23.98	13.27	2,633	3,629	1,769	160,085	60,863	38.0
West Virginia	13.97	21.12	12.08	2,350	3,579	1,460	104,232	33,609	32.2
North Carolina	11.66	17.37	9.42	1,802	2,827	1,249	147,613	55,589	37.7
South Carolina	8.50	19.97	6.48	2,145	3,368	1,346	62,146	22,323	35.9
Georgia	10.10	19.27	8.15	1,957	2,560	1,314	125,431	46,134	36.8
Florida	16.95	21.51	12.92	2,218	2,966	1,158	173,401	59,592	34.4
East South Central	**11.07**	**17.25**	**8.98**	**1,752**	**2,482**	**981**	**470,255**	**157,554**	**33.5**
Kentucky	13.29	19.81	11.23	2,074	2,907	1,068	145,692	50,842	34.9
Tennessee	12.38	17.80	10.49	1,826	2,436	1,121	147,458	49,934	33.9
Alabama	8.80	15.76	7.26	1,610	2,341	909	108,717	36,892	33.9
Mississippi	7.78	13.17	6.24	1,189	1,875	689	68,388	19,886	29.1
West South Central	**13.43**	**16.06**	**12.15**	**1,489**	**2,216**	**682**	**840,395**	**281,539**	**33.5**
Arkansas	8.04	11.22	6.47	1,100	1,960	585	82,113	21,722	26.5
Louisiana	12.43	14.83	11.54	1,414	2,314	643	135,915	44,273	32.6
Oklahoma	13.16	14.03	12.59	1,293	2,088	526	158,410	58,552	37.0
Texas	14.99	18.16	13.40	1,693	2,273	889	463,957	156,992	33.8
Mountain	**17.65**	**19.45**	**16.92**	**1,802**	**2,644**	**897**	**378,487**	**132,648**	**35.0**
Montana	17.66	18.74	17.72	1,651	2,567	937	49,206	12,969	26.4
Idaho	16.10	17.25	15.33	1,600	2,363	933	45,271	15,077	33.3
Wyoming	18.56	22.87	16.94	2,174	3,119	1,160	20,819	8,306	39.9
Colorado	19.26	22.00	18.06	2,091	2,715	997	106,216	42,424	39.9
New Mexico	11.49	9.62	12.99	656	1,715	362	40,471	9,065	22.4
Arizona	15.26	17.06	14.57	1,400	2,488	812	42,093	15,020	35.7
Utah	20.10	22.43	18.17	2,320	2,861	1,373	63,347	26,764	42.2
Nevada	20.82	24.26	19.84	1,987	3,338	963	11,064	3,023	27.3
Pacific	**25.97**	**29.53**	**23.85**	**3,156**	**3,554**	**2,008**	**1,140,301**	**557,004**	**48.8**
Washington	19.43	22.60	17.47	2,359	2,743	1,624	223,314	98,275	44.0
Oregon	18.77	21.95	16.94	2,343	2,860	1,434	126,312	53,822	42.6
California	28.01	33.26	25.61	3,527	3,840	2,388	790,675	404,907	51.2

[1] Includes contract rent of tenant occupied units and estimated rent of owner-occupied and vacant units.
[2] Mortgage data are limited to owner-occupied nonfarm units in structures without business and containing not more than 4 dwelling units; percent represents percent of reporting owner-occupied units which were mortgaged. For number of owner-occupied urban and rural-nonfarm units, see table 903.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 905.—Dwelling Units, Urban and Rural—Median Number of Rooms and Units With Private Bathtub or Shower in Structure, by States: 1940

[For total number of dwelling units, see table 902]

Division and State	Median number of rooms[1]				Reporting on bathing equipment	Dwelling units with private bathtub or shower in structure				
						Total units (number)	Percent			
	All dwelling units	Urban	Rural-nonfarm	Rural farm			Total	Urban	Rural-nonfarm	Rural-farm
United States	**4.73**	**4.78**	**4.61**	**4.70**	**36,649,481**	**20,606,386**	**56.2**	**77.5**	**40.8**	**11.8**
New England	**5.38**	**5.23**	**5.67**	**7.09**	**2,396,209**	**1,818,504**	**75.9**	**84.4**	**58.3**	**36.2**
Maine	5.68	5.49	5.46	6.85	254,142	117,203	46.1	68.5	39.0	17.4
New Hampshire	5.63	5.35	5.62	7.26	154,367	95,254	61.7	77.5	49.0	34.5
Vermont	6.27	5.66	6.08	7.67	104,985	62,299	59.3	85.9	54.5	35.3
Massachusetts	5.37	5.31	5.71	6.89	1,200,588	997,043	83.0	86.3	63.6	53.1
Rhode Island	5.18	5.13	5.68	7.10	202,003	154,227	76.3	79.2	55.1	40.1
Connecticut	5.18	4.94	5.68	6.93	480,124	392,478	81.7	87.6	74.4	53.0
Middle Atlantic	**5.21**	**4.96**	**5.64**	**7.17**	**7,736,615**	**5,960,678**	**77.0**	**86.1**	**54.8**	**27.4**
New York	4.80	4.49	5.81	7.69	3,952,462	3,324,428	84.1	90.8	64.5	30.1
New Jersey	5.27	5.17	5.53	6.57	1,202,220	985,257	82.0	86.6	67.7	46.0
Pennsylvania	5.72	5.68	5.57	6.82	2,581,933	1,650,993	63.9	77.1	41.9	21.9
East North Central	**5.18**	**5.03**	**5.04**	**6.26**	**7,576,107**	**4,549,543**	**60.1**	**78.2**	**35.5**	**14.1**
Ohio	5.44	5.26	5.34	6.53	1,953,836	1,225,344	62.7	79.3	37.3	16.6
Indiana	5.08	4.92	4.87	5.90	989,150	461,119	46.6	67.1	30.1	12.0
Illinois	4.83	4.71	4.83	5.96	2,249,086	1,454,428	64.7	78.6	33.6	13.3
Michigan	5.34	5.25	5.08	6.40	1,497,488	946,559	63.2	82.9	38.9	16.0
Wisconsin	5.39	5.21	5.04	6.56	886,547	462,093	52.1	77.3	35.8	11.5
West North Central	**4.93**	**4.67**	**4.80**	**5.58**	**3,851,671**	**1,625,220**	**42.2**	**68.8**	**30.4**	**9.2**
Minnesota	5.03	4.84	4.65	5.86	761,117	353,517	46.4	73.7	31.4	7.7
Iowa	5.67	5.08	5.58	6.64	715,068	307,571	43.0	65.8	38.3	15.4
Missouri	4.25	4.14	4.23	4.44	1,121,458	492,930	44.0	68.5	30.8	4.7
North Dakota	4.72	4.18	4.52	5.10	159,516	33,066	20.7	61.9	19.1	3.2
South Dakota	5.08	4.61	4.73	5.66	176,092	46,587	26.5	62.1	28.4	5.2
Nebraska	5.23	4.90	5.12	5.85	382,348	168,215	44.0	72.1	42.4	14.0
Kansas	5.00	4.78	4.84	5.57	536,072	223,334	41.7	65.8	38.4	11.5
South Atlantic	**4.41**	**4.51**	**4.29**	**4.41**	**4,437,337**	**1,698,228**	**38.3**	**64.8**	**31.6**	**6.3**
Delaware	5.79	5.76	5.68	6.20	74,522	45,330	60.8	76.7	57.8	17.5
Maryland	5.56	5.54	5.36	6.17	488,396	307,141	62.9	76.6	51.2	21.7
District of Columbia	4.29	4.29	------	------	182,284	150,406	82.5	82.5	------	------
Virginia	4.83	4.81	4.62	5.08	645,880	233,422	36.1	63.7	31.1	8.7
West Virginia	4.60	5.02	4.21	4.98	448,257	160,555	35.8	75.6	24.0	6.1
North Carolina	4.41	4.40	4.30	4.49	793,748	195,638	24.6	51.9	25.8	4.1
South Carolina	3.99	3.77	3.89	4.12	449,125	97,490	21.7	44.9	26.2	3.8
Georgia	3.85	3.69	3.82	3.95	776,426	191,036	24.6	47.0	25.3	3.2
Florida	4.19	4.39	3.87	4.13	578,699	317,210	54.8	72.2	38.9	15.0
East South Central	**3.81**	**3.86**	**3.80**	**3.79**	**2,671,630**	**598,108**	**22.4**	**50.4**	**20.9**	**2.8**
Kentucky	4.05	4.06	3.97	4.11	713,651	194,320	27.2	60.4	20.8	3.0
Tennessee	3.92	3.91	3.96	3.91	726,268	183,169	25.2	49.2	22.5	3.7
Alabama	3.65	3.71	3.58	3.66	689,589	141,716	20.6	46.0	18.8	2.2
Mississippi	3.55	3.44	3.48	3.60	542,122	78,903	14.6	41.3	22.1	2.4
West South Central	**3.82**	**4.02**	**3.66**	**3.75**	**3,518,383**	**1,242,691**	**35.3**	**61.8**	**30.3**	**7.0**
Arkansas	3.68	4.06	3.59	3.60	506,425	88,485	17.5	51.9	16.3	1.9
Louisiana	3.74	3.92	3.60	3.64	608,534	209,015	34.3	60.7	26.5	4.5
Oklahoma	3.88	4.22	3.69	3.71	630,443	217,757	34.5	64.2	26.0	5.1
Texas	3.88	3.99	3.63	3.89	1,772,981	727,434	41.0	62.9	37.5	11.1
Mountain	**3.77**	**4.06**	**3.42**	**3.73**	**1,215,807**	**546,349**	**44.9**	**70.1**	**34.9**	**14.3**
Montana	3.73	3.84	3.48	3.86	174,722	66,352	38.0	67.5	30.4	9.0
Idaho	3.91	4.00	3.50	4.15	149,948	59,896	39.9	67.6	34.0	18.0
Wyoming	3.65	3.86	3.47	3.59	75,601	31,641	41.9	71.0	35.9	10.3
Colorado	4.11	4.39	3.66	4.12	347,985	166,795	47.9	70.3	33.1	12.4
New Mexico	3.06	3.42	2.83	2.95	142,026	40,449	28.5	55.7	19.9	8.6
Arizona	3.19	3.81	3.09	1.93	144,054	70,070	48.6	70.9	45.2	18.6
Utah	4.13	4.27	3.90	4.09	145,773	90,328	62.0	78.9	43.3	30.3
Nevada	3.58	3.76	3.30	4.06	35,698	20,818	58.3	82.1	47.7	29.3
Pacific	**4.37**	**4.48**	**4.03**	**4.61**	**3,245,722**	**2,567,065**	**79.1**	**88.7**	**66.4**	**47.7**
Washington	4.33	4.42	4.00	4.70	580,424	382,882	66.0	81.1	54.7	36.4
Oregon	4.56	4.73	4.09	4.82	363,390	230,583	63.5	82.9	52.4	33.5
California	4.35	4.45	4.03	4.48	2,301,908	1,953,600	84.9	90.8	73.7	59.8

[1] For definition of median, see headnote, table 904.

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

No. 906.—Nonfarm Mortgaged Properties, Owner-Occupied One-Family—Debt and Value, and Average Interest Rate on First Mortgage, by States: 1940

Division and State	Total properties	Reporting debt and value	Value of property		Outstanding indebtedness (first and junior mortgages)			Average interest rate on first mortgage (percent)
			Total (1,000 dollars)	Average (dollars)	Total (1,000 dollars)	Percent of value	Average (dollars)	
United States	**4,025,815**	**3,745,366**	**16,489,836**	**4,403**	**8,633,722**	**52.4**	**2,305**	**5.55**
New England	**308,102**	**291,167**	**1,486,008**	**5,104**	**764,412**	**51.4**	**2,625**	**5.38**
Maine	20,320	18,667	58,017	3,108	25,550	44.0	1,369	5.59
New Hampshire	16,403	14,655	48,215	3,290	22,419	46.5	1,530	5.17
Vermont	9,679	9,038	32,879	3,638	14,071	42.8	1,557	5.36
Massachusetts	165,513	156,733	785,003	5,009	427,370	54.4	2,727	5.41
Rhode Island	24,625	23,623	121,611	5,148	59,771	49.1	2,530	5.49
Connecticut	71,562	68,451	440,283	6,432	215,230	48.9	3,144	5.28
Middle Atlantic	**897,953**	**834,107**	**4,548,874**	**5,454**	**2,479,215**	**54.5**	**2,972**	**5.47**
New York	395,763	373,740	2,267,436	6,067	1,261,098	55.6	3,374	5.37
New Jersey	169,000	154,099	920,492	5,973	492,485	53.5	3,196	5.48
Pennsylvania	333,190	306,268	1,360,947	4,444	725,633	53.3	2,369	5.59
East North Central	**1,053,082**	**987,266**	**4,240,879**	**4,296**	**2,174,566**	**51.3**	**2,203**	**5.45**
Ohio	317,781	299,267	1,334,397	4,459	687,728	51.5	2,298	5.51
Indiana	149,484	136,945	453,482	3,311	219,057	48.3	1,600	5.54
Illinois	239,483	222,239	1,116,933	5,026	553,471	49.6	2,490	5.42
Michigan	246,656	233,744	922,427	3,946	504,610	54.7	2,159	5.48
Wisconsin	99,678	95,071	413,640	4,351	209,699	50.7	2,206	5.14
West North Central	**381,924**	**351,622**	**1,217,547**	**3,463**	**621,337**	**51.0**	**1,767**	**5.48**
Minnesota	90,542	85,436	341,020	3,992	163,564	48.0	1,914	5.28
Iowa	70,972	63,991	193,764	3,028	95,726	49.4	1,496	5.38
Missouri	114,706	107,222	411,049	3,834	223,563	54.4	2,085	5.60
North Dakota	8,183	6,634	20,099	3,030	9,367	46.6	1,412	5.46
South Dakota	10,063	8,583	22,992	2,679	11,299	49.1	1,316	5.51
Nebraska	35,706	33,217	103,077	3,103	51,612	50.1	1,554	5.45
Kansas	51,752	46,539	125,547	2,698	66,208	52.7	1,423	5.74
South Atlantic	**357,922**	**325,298**	**1,474,454**	**4,533**	**756,809**	**51.3**	**2,327**	**5.63**
Delaware	11,623	11,028	59,839	5,426	28,421	47.5	2,577	5.68
Maryland	64,763	58,355	272,850	4,676	143,516	52.6	2,459	5.59
Dist. of Columbia	28,404	27,832	247,104	8,878	126,696	51.3	4,552	5.47
Virginia	55,766	50,909	238,324	4,681	124,863	52.4	2,453	5.54
West Virginia	30,729	26,798	105,943	3,953	49,673	46.9	1,854	5.65
North Carolina	51,999	46,712	151,501	3,243	78,351	51.7	1,677	5.64
South Carolina	20,166	17,500	64,923	3,710	32,613	50.2	1,864	5.68
Georgia	40,677	36,476	136,126	3,732	72,519	53.3	1,988	5.72
Florida	53,795	49,688	197,845	3,982	100,158	50.6	2,016	5.75
East South Central	**140,494**	**125,463**	**419,970**	**3,347**	**217,740**	**51.8**	**1,735**	**5.64**
Kentucky	45,191	40,310	149,062	3,698	77,585	52.0	1,925	5.69
Tennessee	44,801	40,826	137,892	3,378	70,243	50.9	1,721	5.52
Alabama	33,403	29,189	91,308	3,128	48,905	53.6	1,675	5.73
Mississippi	17,099	15,138	41,709	2,755	21,008	50.4	1,388	5.63
West South Central	**252,676**	**229,487**	**724,992**	**3,159**	**393,269**	**54.2**	**1,714**	**5.97**
Arkansas	19,903	16,251	41,908	2,579	20,217	48.2	1,244	6.08
Louisiana	37,003	34,531	120,631	3,493	64,177	53.2	1,859	5.88
Oklahoma	53,453	47,200	142,944	3,028	78,730	55.1	1,668	5.94
Texas	142,317	131,505	419,508	3,190	230,145	54.9	1,750	5.99
Mountain	**120,288**	**108,957**	**348,945**	**3,203**	**175,310**	**50.2**	**1,609**	**5.79**
Montana	11,517	10,544	32,183	3,052	14,794	46.0	1,403	5.92
Idaho	13,812	11,903	32,319	2,715	15,345	47.5	1,289	5.79
Wyoming	7,195	6,853	23,040	3,362	11,867	51.5	1,732	5.86
Colorado	38,400	34,220	110,637	3,233	56,240	50.8	1,643	5.71
New Mexico	8,225	7,098	22,092	3,112	10,629	48.1	1,497	6.42
Arizona	13,901	13,044	42,187	3,234	22,315	52.9	1,711	5.72
Utah	24,490	23,147	77,256	3,338	39,652	51.3	1,713	5.67
Nevada	2,748	2,148	9,231	4,298	4,470	48.4	2,081	5.67
Pacific	**513,374**	**491,999**	**2,028,167**	**4,122**	**1,051,064**	**51.8**	**2,136**	**5.73**
Washington	94,316	88,451	280,762	3,174	132,727	47.3	1,501	5.68
Oregon	51,723	48,301	154,080	3,190	72,679	47.2	1,505	5.62
California	367,335	355,247	1,593,326	4,485	845,658	53.1	2,380	5.75

Source: Department of Commerce, Bureau of the Census; Sixteenth Census Reports, Housing, Vol. IV, Part 1.

No. 907.—Housing Characteristics for 34 Selected Metropolitan Districts: 1947

[Based on Current Population Survey of April 1947; see Sampling Note, p. 183]

Metropolitan district	All dwelling units	Dwelling units in need of major repairs or without private bath	With private bathtub or shower in structure		All occupied units	Owner occupied		Median contract monthly rent [1]	Percent vacant [2]
			Number	Percent		Number	Percent		
Akron, Ohio	120,287	24,790	101,861	85	118,400	81,326	69	$33	0.3
Allentown-Bethlehem-Easton, Pa	94,240	21,824	72,850	77	92,411	53,351	58	27	.2
Atlanta, Ga	138,867	45,879	97,457	70	136,899	66,748	49	20	.4
Baltimore, Md	364,929	75,190	305,807	84	354,526	180,250	51	34	.7
Birmingham, Ala	138,282	67,260	74,176	54	135,356	66,614	49	15	.9
Boston, Mass	732,600	66,150	678,600	93	710,550	300,375	42	32	.6
Chicago, Ill	1,344,420	144,760	1,220,065	91	1,334,025	515,900	39	38	.2
Columbus, Ohio	126,198	24,190	109,962	87	123,697	64,493	52	33	.6
Dallas, Tex	147,444	35,288	119,812	81	144,276	80,960	56	29	.7
Denver, Colo	147,796	31,856	117,524	80	145,508	77,616	53	32	1.0
Detroit, Mich	765,124	83,094	704,443	92	750,182	403,624	54	37	.6
Los Angeles, Calif	1,273,500	106,125	1,183,875	93	1,236,000	654,375	53	35	.8
Lowell-Lawrence-Haverhill, Mass	102,393	15,283	88,226	86	98,487	43,214	44	24	.3
Memphis, Tenn	114,142	50,840	68,045	60	111,383	50,716	46	20	1.0
Minneapolis-St. Paul, Minn	294,567	62,062	242,424	82	286,741	168,623	59	33	.2
New Haven, Conn	102,331	6,758	97,154	95	97,340	50,220	52	27	.3
New Orleans, La	170,968	42,000	140,448	82	167,440	55,552	33	21	.4
New York-Northeastern New Jersey	3,706,911	395,640	3,454,416	93	3,600,891	1,103,967	31	39	.2
Norfolk-Portsmouth-Newport News, Va	139,026	32,383	110,873	80	133,292	54,191	41	31	2.0
Philadelphia, Pa	955,644	108,834	885,222	93	939,057	559,011	60	31	.7
Pittsburgh, Pa	567,077	182,397	406,359	72	556,645	284,435	51	29	.5
Portland, Oreg	185,201	25,075	163,194	88	179,478	112,690	63	33	1.9
Rochester, N. Y	136,325	12,997	128,084	94	133,414	76,055	57	35	.5
St. Louis, Mo	470,316	131,978	356,510	76	461,846	215,292	47	24	.5
Salt Lake City, Utah	69,762	7,518	63,525	91	68,061	43,596	64	34	.5
San Antonio, Tex	116,416	31,926	87,006	75	112,778	68,204	60	28	1.2
San Francisco-Oakland, Calif	661,158	36,018	633,834	96	646,875	314,019	49	36	.5
Scranton-Wilkes-Barre, Pa	148,802	36,049	116,419	78	145,324	71,910	49	23	.6
Seattle, Wash	202,092	23,694	181,170	90	194,370	120,714	62	35	1.6
Toledo, Ohio	110,976	15,470	98,702	89	108,664	68,272	63	31	.8
Tulsa, Okla	66,402	16,800	51,261	77	64,848	38,745	60	29	1.3
Washington, D. C	350,966	45,050	315,350	90	343,440	135,892	40	50	.3
Worcester, Mass	82,070	8,787	75,603	92	80,852	38,135	47	27	.3
Youngstown, Ohio	100,657	18,879	85,157	85	99,355	67,084	68	31	.2

[1] Data are for nonfarm tenant-occupied units only. For definition of median, see headnote, table 904.
[2] Habitable, nonseasonable dwelling units for rent or for sale only, as a percent of total dwelling units.

Source: Department of Commerce, Bureau of the Census; Current Population Report, Housing, Series P-71, Numbers 1 to 35.

No. 908.—Housing Characteristics for Selected Metropolitan Districts: 1940

[For metropolitan districts having a central city of 100,000 or more or a gross population of 150,000 or more. Monthly rental data exclude rural-farm dwelling units. See Cities Supplement to Statistical Abstract for summary statistics for specific cities]

Metropolitan district	All dwelling units	Median contract or estimated monthly rent[1]	Bathing equipment			All occupied units	Owner occupied		Occupied by nonwhite	
			Number reporting	With private bathtub or shower in structure						
				Number	Percent		Number	Percent	Number	Percent
Akron, Ohio	97,057	$26.21	96,033	75,214	78.3	94,924	49,840	52.5	3,487	3.7
Albany - Schenectady-Troy, N. Y	129,464	27.52	128,095	103,439	80.8	122,327	50,574	41.3	1,467	1.2
Allentown - Bethlehem-Easton, Pa	85,923	25.10	85,033	57,637	67.8	83,636	36,675	43.9	484	.6
Atlanta, Ga	121,441	18.74	119,999	67,452	56.2	117,384	38,211	32.6	34,150	29.1
Baltimore, Md	289,060	27.53	283,991	215,888	76.0	271,679	117,967	43.4	43,271	15.9
Birmingham, Ala	109,211	13.48	107,046	49,185	45.9	106,495	35,057	32.9	44,461	41.7
Boston, Mass	651,192	32.33	640,184	563,915	88.1	606,279	219,192	36.2	11,529	1.9
Bridgeport, Conn	60,301	28.77	59,143	49,678	84.0	57,478	21,511	37.4	1,147	2.0
Buffalo-Niagara, N. Y	233,963	28.63	231,819	197,729	85.3	224,969	84,655	37.6	5,849	2.6
Canton, Ohio	54,307	27.54	53,778	42,529	79.1	53,281	28,130	52.8	1,727	3.2
Charlotte, N. C	28,329	21.69	27,822	16,450	59.1	27,846	8,317	29.9	8,042	28.9
Chattanooga, Tenn	50,300	15.04	49,754	25,100	50.4	48,786	18,292	37.5	10,374	21.3
Chicago, Ill	1,284,345	33.39	1,272,840	1,064,793	83.7	1,237,297	374,277	30.2	87,739	7.1
Cincinnati, Ohio	241,557	26.49	238,766	164,777	69.0	228,594	92,028	40.3	20,922	9.2
Cleveland, Ohio	347,866	31.59	345,994	305,594	88.3	335,885	130,956	39.0	22,302	6.6
Columbus, Ohio	103,263	28.96	101,317	82,951	81.9	99,537	41,158	41.3	8,995	9.0
Dallas, Tex	114,141	23.74	112,814	79,683	70.6	107,235	41,660	38.8	16,674	15.5
Davenport (Iowa)-Rock Island-Moline (Ill.)	50,497	29.80	50,040	32,314	64.6	49,530	23,894	48.2	677	1.4
Dayton, Ohio	77,166	29.22	76,159	53,015	69.6	75,516	34,306	45.4	5,361	7.1
Denver, Colo	119,077	25.83	116,687	83,698	71.7	113,911	47,618	41.8	2,967	2.6
Des Moines, Iowa	55,103	25.63	53,933	34,566	64.1	53,264	27,291	51.2	1,856	3.5
Detroit, Mich	617,992	33.60	611,394	524,115	85.7	594,688	266,949	44.9	39,455	6.6
Duluth (Minn.)-Superior (Wis.)	44,908	23.41	44,556	30,643	68.8	43,048	22,006	51.1	203	.5
Erie, Pa	36,340	24.60	35,667	29,954	84.0	35,223	14,766	41.9	412	1.2
Fall River-New Bedford, Mass	75,591	18.53	74,323	54,317	73.1	72,560	21,435	29.5	1,458	2.0
Flint, Mich	51,303	26.74	50,914	33,761	66.3	49,829	28,556	57.3	1,674	3.4
Fort Wayne, Ind	38,095	$29.04	37,623	28,364	75.4	37,132	20,496	55.2	705	1.9
Fort Worth, Tex	62,832	18.82	61,838	41,339	66.9	59,633	26,902	45.1	8,352	14.0
Grand Rapids, Mich	61,196	23.79	60,420	48,068	79.6	59,204	31,322	52.9	838	1.4
Harrisburg, Pa	47,770	28.72	47,281	34,868	73.7	46,378	20,168	43.5	2,668	5.8
Hartford-New Britain, Conn	132,848	31.12	130,093	114,566	88.1	129,810	46,745	36.0	2,429	1.9
Houston, Tex	149,351	24.04	146,397	102,914	70.3	141,345	57,917	41.0	28,622	20.2
Huntington (W. Va.)-Ashland (Ky.)	44,797	19.14	44,070	27,995	63.5	43,510	19,021	43.7	1,715	3.9
Indianapolis, Ind	135,179	25.16	133,260	88,532	66.4	130,068	53,003	40.8	16,616	11.2
Jacksonville, Fla	52,956	18.33	52,207	33,792	64.7	51,180	17,750	34.7	16,214	31.7
Johnstown, Pa	36,316	20.39	36,080	19,606	54.3	35,736	14,972	41.9	569	1.6
Kansas City (Mo.)-Kansas City (Kans.)	202,122	22.65	198,687	137,537	69.2	188,690	75,177	39.8	20,430	10.8
Knoxville, Tenn	39,143	16.23	38,880	19,322	49.7	37,877	15,584	41.1	4,425	11.7
Los Angeles, Calif	999,492	29.32	987,045	903,601	91.5	930,921	376,610	40.5	34,546	3.7
Louisville, Ky	126,043	19.76	124,831	75,613	60.6	120,293	49,397	41.1	16,478	13.7
Lowell-Lawrence-Haverhill, Mass	92,148	22.44	90,439	72,905	80.6	86,555	31,715	36.6	278	.3
Memphis, Tenn	93,823	15.75	91,869	42,803	46.6	91,319	29,194	32.0	39,837	43.6
Miami, Fla	85,136	30.49	83,050	69,760	84.0	70,994	29,163	41.1	10,026	14.1
Milwaukee, Wis	223,061	33.19	221,356	179,084	80.9	215,665	81,177	37.6	2,756	1.3
Minneapolis-St. Paul, Minn	268,484	30.93	265,469	205,550	77.4	256,646	120,447	46.9	3,228	1.3
Nashville, Tenn	66,061	17.32	65,307	31,940	48.9	63,574	23,568	37.1	15,049	23.7
New Haven, Conn	88,623	28.25	87,624	74,774	85.3	81,768	30,562	37.4	2,331	2.9
New Orleans, La	149,006	16.89	147,899	104,725	70.8	144,566	37,048	25.6	43,595	30.2
New York-Northeastern New Jersey	3,424,485	37.75	3,354,661	3,052,094	91.0	3,160,300	746,688	23.6	170,101	5.4
Norfolk-Portsmouth-Newport News, Va	86,539	20.22	84,547	51,898	61.4	82,917	30,159	36.4	28,007	33.8

[1] For definition of median, see headnote, table 904.

No. 908.—Housing Characteristics for Selected Metropolitan Districts: 1940—Continued

Metropolitan district	All dwelling units	Median contract or estimated monthly rent [1]	Bathing equipment			All occupied units	Owner occupied		Occupied by nonwhite	
			Number reporting	With private bathtub or shower in structure						
				Number	Percent		Number	Percent	Number	Percent
Oklahoma City, Okla	69,412	22.43	67,596	45,842	67.8	63,922	24,520	38.4	5,558	8.7
Omaha (Nebr.)-Council Bluffs (Iowa)	84,129	24.89	83,206	60,059	72.2	79,798	38,653	48.4	3,695	4.6
Peoria, Ill	47,027	31.74	45,894	29,082	63.4	45,845	24,044	52.4	931	2.0
Philadelphia, Pa	792,909	28.97	779,641	668,848	85.8	754,474	321,794	42.7	79,590	10.5
Pittsburgh, Pa	512,538	25.60	507,028	291,801	57.6	502,064	196,544	39.1	28,692	5.7
Portland, Oreg	141,697	22.86	139,605	116,040	83.1	133,144	70,478	52.9	1,769	1.3
Providence, R. I	197,927	23.48	196,507	155,347	79.1	186,372	68,811	36.9	3,059	1.6
Reading, Pa	48,293	26 92	47,896	37,975	79.3	46,749	22,381	47.9	606	1.3
Richmond, Va	66,624	24.05	65,687	41,686	63.5	64,385	24,256	37.7	17,467	27.1
Rochester, N. Y	119,880	33.57	116,694	105,299	90.2	113,895	51,805	45.5	1,090	1.0
Sacramento, Calif	49,366	29.46	48,701	39,372	80.8	47,157	24,288	51.5	2,215	4.7
Saginaw-Bay City, Mich	42,590	23.89	41,893	28,316	67.6	40,939	25,629	62.6	974	2.4
St. Louis, Mo	409,595	23.81	405,380	278,461	68.7	385,374	142,764	37.0	40,780	10.6
Salt Lake City, Utah	57,109	26.22	56,778	46,384	81.7	54,891	30,068	54.8	494	.9
San Antonio, Tex	86,389	17.23	85,837	55,234	64.3	81,335	34,066	41.9	6,551	8.1
San Diego, Calif	86,788	27.37	85,925	76,528	89.1	79,813	35,015	43.9	2,079	2.6
San Francisco-Oakland, Calif	485,087	32.90	477,600	433,525	90.8	454,519	188,039	41.4	16,438	3.6
Scranton-Wilkes-Barre, Pa	151,184	21.97	149,493	100,031	66.9	148,294	63,775	43.0	596	.4
Seattle, Wash	164,295	25.30	161,032	131,009	81.4	153,229	76,131	49.7	4,504	2.9
South Bend, Ind	40,963	25.28	40,607	30,483	75.1	40,058	22,056	55.1	998	2.5
Spokane, Wash	47,284	21.75	46,773	36,079	77.1	44,083	25,051	56.8	384	.9
Springfield-Holyoke, Mass	107,483	26.47	106,154	95,719	90.2	102,921	37,107	36.1	1,108	1.1
Syracuse, N. Y	73,336	29.62	71,945	60,449	84.0	70,336	27,009	38.4	709	1.0
Tacoma, Wash	53,310	20.15	52,742	41,332	78.4	49,598	29,768	60.0	870	1.8
Tampa - St. Petersburg, Fla	73,572	20.03	72,553	55,432	76.4	61,660	27,638	44.8	10,196	16.5
Toledo, Ohio	99,011	27.52	98,297	82,241	83.7	95,360	47,604	49.9	3,895	4.1
Trenton, N. J	50,310	28.72	49,692	40,167	80.8	49,112	21,771	44.3	2,802	5.7
Tulsa, Okla	56,847	22.67	55,920	37,688	67.4	53,712	22,875	42.6	5,477	10.2
Utica-Rome, N. Y	53,045	23.63	52,586	40,525	77.1	50,819	20,828	41.0	275	.5
Washington, D. C	252,773	47.73	248,858	204,214	82.1	237,609	89,575	37.7	45,367	19.1
Wheeling, W. Va	51,368	18.44	50,721	28,246	55.7	50,381	22,147	44.0	1,667	3.3
Wichita, Kans	39,925	22.28	39,317	27,507	70.0	38,161	16,810	44.1	1,676	4.4
Wilmington, Del	50,349	31.97	49,829	38,235	76 7	48,583	21,248	43 7	4,835	10.0
Worcester, Mass	79,881	26.21	77,892	66,794	85.8	77,262	28,733	37.2	481	.6
Youngstown, Ohio	93,495	28.13	92,450	65,618	71.0	92,250	48,494	52.6	5,503	6.0

[1] For definition of median, see headnote, table 904.

Source: Department of Commerce Bureau of the Census; Sixteenth Census Reports, Housing, Vol. II, Part 1.

30. Manufactures

Census of Manufactures.—The basic source of comprehensive data on manufacturing production is the Census of Manufactures conducted by the Bureau of the Census. The first Census of Manufactures covered the year 1809 and a census was taken at 10-year intervals in connection with the Decennial Census of Population up to and including 1899, with the exception of 1829. It was conducted at 5-year intervals from 1904 through 1919, and every other year from 1921 through 1939, but was suspended during the war period. The 1947 Census of Manufactures is the first to be taken since 1939. Present legislation provides for a Census of Manufactures to cover the year 1953 and every fifth year thereafter.

The 1947 Census of Manufactures covered all establishments primarily engaged in manufacturing, as defined in the 1945 revision of the Standard Industrial Classification sponsored by the Bureau of the Budget. To the extent possible, this Census was conducted on an establishment basis. As a rule, the term "establishment" signifies a single plant or factory and is not necessarily identical with the business unit or company which may consist of one or more establishments. A company operating establishments at more than one location is required to submit a report for each location; also, companies engaged in distinctly different lines of activity at one location are required to submit separate reports if separate pay roll and inventory records are kept for each activity. Census figures differ, therefore, from those prepared on a company basis. They also differ to some extent from other tabulations based on establishment reports, where the definition of an establishment as to location and line of activity is not so rigidly applied.

In the 1947 census, reports were required from all establishments employing one or more persons at any time during the census year. In other recent censuses, establishments having less than $5,000 value of products were designated as out of the scope of the census. The change in the minimum size limit in 1947 as compared with 1939 has not appreciably affected the comparability of the figures for these two years, except for data on number of establishments for a few industries.

Each of the establishments covered in the census was classified in one of 458 manufacturing industries in accordance with the industry definitions embodied in the Standard Industrial Classification system. Under this system of classification, an industry is generally defined as a group of establishments producing a single product or a more or less closely related group of products. This product or group of products is in turn said to be "primary" to that industry. Accordingly, an establishment is classified in a particular industry if its production of the primary products of that industry exceeds in value its production of any other group of products. In a few instances, however, the industry classification of an establishment is determined not only by the products it makes but also by the processes employed in making those products.

While some establishments produce only the primary products of the industry in which they are classified, it rarely happens that all the establishments in an industry specialize to this extent. The statistics on employment, pay rolls, value added, inventories, and expenditures, therefore, reflect not only the primary activities of the establishments in that industry but also their activities of a secondary nature. For this reason the industry statistics usually cannot be directly related to statistics on the total shipments of commodities.

Comparative figures shown for 1939 are generally slightly lower than those published in the 1939 reports. The 1939 figures have been revised to exclude retail bakeries, machine-shop repairs, and some other types of establishments also omitted from the 1947 census. Cost of materials and value of products for 1947 were not compiled for summary tables because of the duplication which arises in the combination of individual industries representing successive stages in the production of finished manufactures.

The Bureau of the Census is prohibited by law from publishing any statistics that disclose information reported by individual companies. Figures are, therefore, not shown for an industry or a geographic unit which is represented by only one or two companies, or by more companies when one or two companies produce a very large proportion of the combined output of all the companies. This restriction has no effect upon statistics by industry for the entire United States, or statistics for all industries within States and standard metropolitan areas. There are many instances, however, where this restriction makes it necessary to withhold figures for counties and cities, and for industries within States and areas.

Current and other statistics.—Monthly, quarterly, and annual commodity surveys are also conducted by the Bureau of the Census. These data are published currently in the Facts for Industry series. This series also includes releases of information collected by or for the War Production Board and successor agencies during the war and reconversion periods by the Census Bureau or other Federal agencies.

Reports on current activities of industries, or current movements of individual commodities, are also compiled by trade associations and trade journals, commercial agencies, and by such governmental bureaus as Labor Statistics, Agricultural Economics, Foreign and Domestic Commerce, Fish and Wildlife Service, Tariff Commission, and Internal Revenue, in addition to the Census Bureau previously mentioned.

Abbreviated balance sheet and income account data on all United States manufacturing corporations are compiled and published annually by the Bureau of Internal Revenue from corporation income and profits tax returns and holding company returns.

Data on financial operations and intercorporate relations of manufacturing corporations are collected from time to time by the Securities and Exchange Commission, the Tariff Commission, the Federal Trade Commission, and special investigating agencies. Financial statistics for certain manufacturing industries in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, types and amounts of security issues, and selected data on the salaries paid to officers and directors, are summarized and published for the leading corporations that are registered with the Securities and Exchange Commission. The Tariff Commission publishes commodity surveys which cover economic and competitive aspects of production, distribution, and international trade in selected important industries. Each survey deals with several products which are related because of the raw materials consumed, or competitive uses. The Federal Trade Commission has made several comprehensive studies of individual industries. Studies of individual industries have also been made by trade associations and private research agencies.

Material in other sections.—In addition to the statistics presented in this section, statistics on the output and activities of manufacturers will be found in various other sections of the *Statistical Abstract*. For example, data on wages and hours appear in section 8, Labor Force, Employment, and Earnings; statistics on manufacturing corporations compiled from corporation income tax returns appear in section 14, Federal Government Finances, and in section 17, Business Enterprise; and statistics on lumber production in section 26, Forests and Forest Products. For page references to the commodity or industry, consult the index. For references to the important sources of statistics on manufacturing and related activities, see the listings under the appropriate subjects in the "Bibliography of Sources of Statistical Data," page 970.

Geographic coverage.—Statistics in this section relate to continental United States except as noted.

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics*, series J 30–48") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789–1945*. In that historical supplement to the *Statistical Abstract*, statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 909.—Manufactures—Summary: 1849 to 1947

[Figures for 1849 to 1919 include establishments whose products were valued at $500 or more; for 1921 to 1939, establishments whose products were valued at $5,000 or more; for 1947, figures cover all establishments employing 1 or more persons at any time during year. For basis of revisions beginning 1889, see General Explanations, Sec. 13 in source volumes, "Statistics for 1939 and earlier years." See also 1948 *Abstract* and *Historical Statistics*, series J 1–12, for unrevised data for 1939 and earlier years]

CENSUS YEAR	Number of establishments	Number of proprietors and firm members	ALL EMPLOYEES [1]		PRODUCTION WORKERS		Value added [3] ($1,000)
			Number (average for year) [2]	Salaries and wages ($1,000)	Number (average for year)	Wages ($1,000)	
Factories and hand and neighborhood industries:							
1849	123,025	(4)	(4)	(4)	957,059	236,755	463,983
1859	140,433				1,311,246	378,879	854,257
1869	252,148				2,053,996	[5] 620,467	[5] 1,395,119
1879	253,852				2,732,595	947,954	1,972,756
1889	353,864		4,586,494	2,209,058	4,129,355	1,820,854	4,102,301
1899	509,490		5,478,301	2,595,566	5,097,562	2,206,547	5,474,892
Factories, excluding hand and neighborhood industries:							
1899	204,750	(4)	4,850,019	2,258,654	4,501,919	1,892,574	4,646,981
1904	213,444	225,115	5,674,957	2,990,937	5,181,660	2,440,851	6,019,171
1909	264,810	272,421	7,012,066	4,105,470	6,261,736	3,205,213	8,160,075
1914	268,436	258,560	7,514,186	5,015,977	6,602,287	3,782,322	9,385,622
1919	270,231	249,865	9,836,801	12,426,902	8,464,916	9,664,009	23,841,624
1921	192,059	172,291	7,557,364	9,870,199	6,475,474	7,451,299	17,252,775
1923	192,096	147,958	9,474,658	12,996,460	8,194,170	10,148,624	24,569,487
1925	183,877	132,971	9,142,417	12,957,707	7,871,409	9,979,649	25,667,624
1927	187,629	132,151	9,072,052	13,123,135	7,848,070	10,099,465	26,325,394
1929	206,663	132,686	9,659,742	14,284,282	8,369,705	10,884,919	30,591,435
1931	171,450	(4)	(4)	(4)	6,163,144	6,688,541	18,600,532
1933	139,325	72,267	[6] 6,557,925	[6] 6,237,800	5,787,611	4,940,146	14,007,540
1935	167,916	81,521	8,262,295	9,564,754	7,203,794	7,311,329	18,552,553
1937	166,794	99,268	9,786,402	12,829,749	8,569,231	10,112,883	25,173,539
1939	[7] 173,802	[8] 123,655	[8] 9,527,306	[8] 12,706,102	[7] 7,808,205	[7] 8,997,515	[7] 24,487,304
1947	240,881	188,948	14,294,304	39,689,527	11,916,188	30,242,343	74,425,825

[1] Figures for 1939 and 1947 include data for employees of manufacturing establishments engaged in distribution and construction work. Extent to which data for such employees were included in figures for earlier years is not known.

[2] For 1939 and earlier years, data represent sum of average number of production workers for year and number of nonproduction workers reported for 1 pay-roll period (usually in October). For 1947, data represent average of 12 monthly figures.

[3] Value of products less cost of materials, supplies, fuel, electricity, and contract work. For 1849–1933, cost of contract work was not subtracted from value of products in calculating value added by manufacture.

[4] Not available. [5] Reduced to gold basis.

[6] Excludes data for salaried officers of corporations and their salaries; therefore not strictly comparable with figures for other years.

[7] Revised on basis of retabulation of returns to exclude data for establishments classified as manufacturing in 1939 and prior years but classified as nonmanufacturing in 1947. Value added by manufacture prior to revision and on a basis comparable with 1937 and previous years, was $24.7 billion.

[8] Number of proprietors and firm members not revised. Figures for "All employees" revised on basis of estimates rather than by retabulation of 1939 reports. (See footnote 7.)

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 910.—Population, Wage Earners, and Production—Indexes: 1899 to 1947

[1899=100. See also *Historical Statistics*, series J 13 for indexes of production]

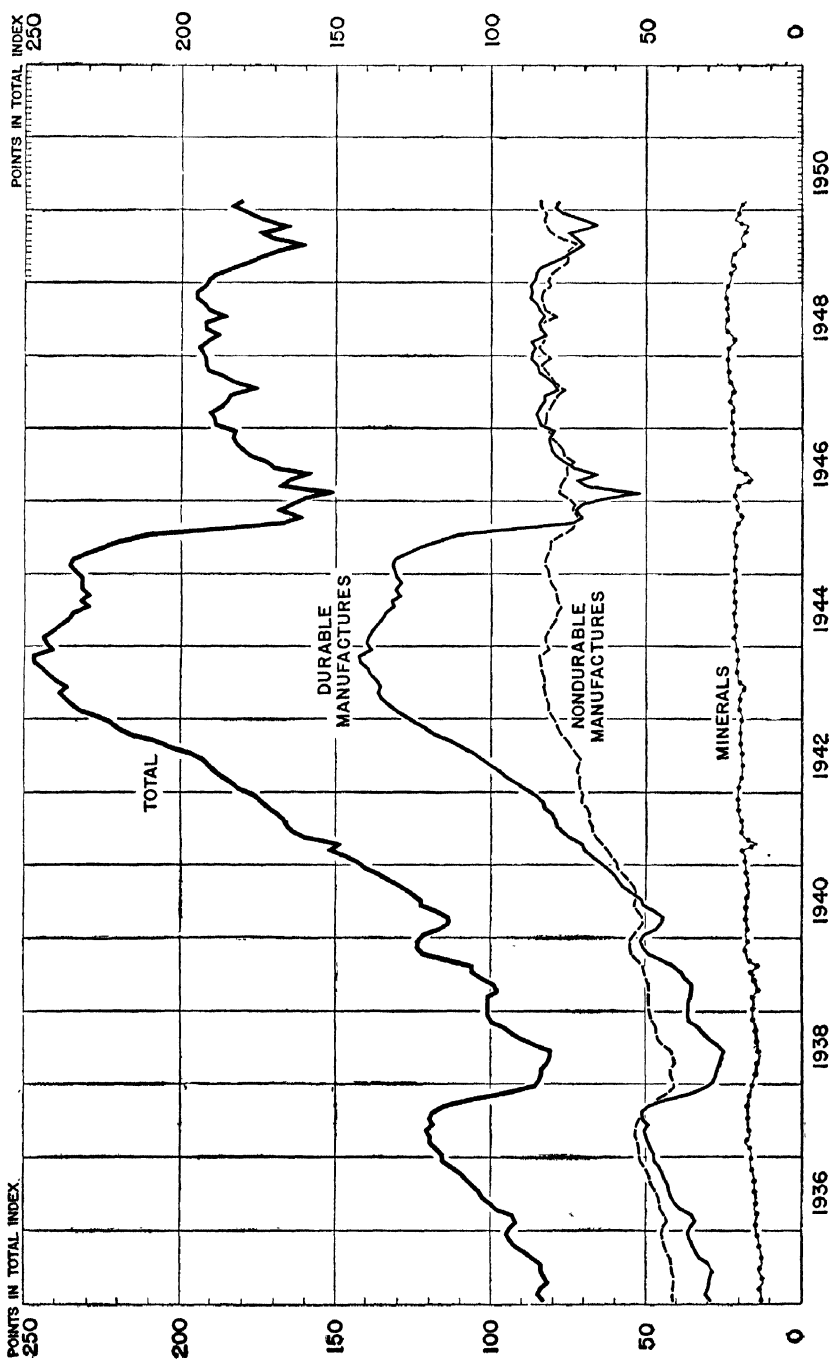
CENSUS YEAR	Population	Wage earners	Production (quantity) [1]	Production per wage earner	CENSUS YEAR	Population	Wage earners	Production (quantity) [1]	Production per wage earner
1899	100	100	100	100	1927	158	178	317	178
1904	110	115	124	108	1929	162	190	364	192
1909	121	139	158	114	1931	166	140	262	187
1914	131	147	186	127	1933	168	131	228	174
1919	140	191	222	116	1935	170	163	301	185
1921	145	147	194	132	1937	172	194	376	194
1923	149	186	280	151	1939	175	187	373	199
1925	154	178	298	167	1947	193	270	[2]	[2]

[1] Index of physical output from National Bureau of Economic Research. [2] Not available.

Source: Department of Commerce, Bureau of the Census; 1939 Census of Manufactures, Vol. I, and records.

FIGURE Y.—INDUSTRIAL PRODUCTION INDEXES: 1935 to 1949

[Based on physical volume, adjusted for seasonal variation, 1935–39 average for total=100. See table 911]



Source: Board of Governors of the Federal Reserve System.

No. 911.—Industrial Production—Indexes, by Groups: 1929 to 1949

[1935-39 average=100. For discussion of revisions beginning 1939, see Federal Reserve Bulletin, Oct. 1943; for discussion of revisions for earlier years, see Bulletins for Aug. 1940 and Sept. 1941. Monthly data adjusted for seasonal variation. See also *Historical Statistics*, series J 30-48 and G 6-8]

Year and month	Total	Manufactures										
			Durable manufactures							Nondurable manufactures		
		Total	Total	Iron and steel	Machinery	Transportation equipment	Nonferrous metal and products	Lumber and products	Stone, clay, and glass products	Total	Textiles and products	Leather and products
1929	110	110	132	133	130	134	136	146	110	93	94	95
1930	91	90	98	97	100	91	106	105	96	84	74	84
1931	75	74	67	61	66	62	83	76	77	79	79	82
1932	58	57	41	32	43	38	52	51	51	70	71	76
1933	69	68	54	54	50	48	60	63	54	79	88	88
1934	75	74	65	61	69	69	62	64	64	81	76	91
1935	87	87	83	81	83	93	80	85	77	90	93	99
1936	103	104	108	114	105	110	104	105	103	100	104	103
1937	113	113	122	123	126	123	122	113	114	106	106	102
1938	89	87	78	68	82	72	80	90	92	95	85	93
1939	109	109	109	114	104	103	113	106	114	109	112	105
1940	125	126	139	147	136	145	139	116	124	115	114	98
1941	162	168	201	186	221	245	191	134	162	142	152	123
1942	199	212	279	199	340	464	214	134	168	158	157	122
1943	239	258	360	208	443	735	267	129	173	176	153	114
1944	235	252	353	206	439	719	259	125	164	171	148	113
1945	203	214	274	183	343	487	204	109	163	166	146	117
1946	170	177	192	150	240	232	157	131	192	165	162	122
1947	187	194	220	195	276	230	187	143	206	172	163	116
1948	192	198	225	208	277	235	193	145	206	177	170	111
1949	176	183	202	188	234	235	160	130	188	168	147	106
March	184	193	223	233	252	240	183	129	195	168	142	113
June	169	175	194	177	225	240	133	123	186	161	126	105
September	174	184	199	179	224	252	157	132	183	173	155	115
December	179	188	203	201	227	211	165	158	187	176	173	101

Year and month	Manufactures—continued								Minerals		
	Nondurable manufactures—Continued										
	Manufactured food products	Alcoholic beverages	Tobacco products	Paper and products	Printing and publishing	Petroleum and coal products	Chemical products	Rubber products	Total	Fuels	Metals
1929	101	-------	96	85	104	96	89	100	107	103	134
1930	100	-------	93	79	97	89	87	78	93	91	102
1931	90	-------	87	74	88	80	78	72	80	82	68
1932	79	-------	79	65	74	69	68	64	67	72	36
1933	83	-------	80	76	75	74	76	77	76	80	51
1934	88	74	87	75	80	79	83	86	80	83	58
1935	89	89	90	86	89	85	89	93	86	89	73
1936	98	109	99	98	99	97	99	107	99	99	102
1937	103	108	103	107	109	108	112	104	112	109	127
1938	101	96	102	95	96	100	96	83	97	99	86
1939	108	98	106	114	106	110	112	113	106	105	113
1940	113	101	109	123	112	120	130	123	117	114	134
1941	127	117	120	150	127	135	176	163	125	122	148
1942	134	118	131	142	115	147	278	172	129	125	148
1943	145	117	133	139	111	185	384	228	132	132	126
1944	152	144	125	139	101	247	324	234	140	145	113
1945	150	178	136	139	108	236	284	215	137	143	101
1946	149	191	156	145	127	173	236	225	134	142	88
1947	157	190	160	158	144	193	251	226	149	155	118
1948	159	182	164	164	154	218	254	206	155	161	120
1949	163	172	165	156	155	209	241	185	135	139	107
March	162	187	172	151	153	213	245	182	136	137	129
June	165	169	172	143	149	202	233	178	133	135	124
September	167	174	175	169	159	208	236	202	119	122	98
December	160	173	149	167	159	219	246	192	132	136	106

Source: Board of Governors of the Federal Reserve System. Figures published monthly in Federal Reserve Bulletin.

No. 912.—Manufactures—Selected Statistics, by Size of Establishment, for Major Industry Groups: 1947

[Value figures in thousands of dollars. Employee figures are average for year]

Major industry group and item	Total all establishments	Establishments with an average of—					
		1-9 employees	10-49 employees	50-99 employees	100-499 employees	500-999 employees	1,000 and over
All industries, total:							
Number of establishments	240,881	117,005	80,662	18,672	19,878	2,729	1,935
All employees	14,294,304	471,887	1,805,842	1,300,719	4,160,981	1,883,464	4,671,411
Value added by manufacture	74,425,825	2,352,589	8,651,864	6,592,661	22,253,865	10,185,817	24,389,029
Food and kindred products:							
Number of establishments	39,933	20,121	14,040	2,934	2,515	216	107
All employees	1,441,847	83,456	309,226	205,485	486,450	143,044	214,186
Value added by manufacture	9,024,912	411,718	1,584,791	1,239,198	3,306,613	1,077,796	1,404,796
Tobacco manufactures:							
Number of establishments	1,086	604	202	85	147	27	21
All employees	111,782	1,897	4,763	6,054	35,639	17,943	45,486
Value added by manufacture	641,356	4,089	12,699	16,015	130,371	86,546	391,636
Textile mill products:							
Number of establishments	8,185	1,921	2,651	1,091	1,914	399	209
All employees	1,233,431	8,618	62,636	77,963	436,674	272,795	374,745
Value added by manufacture	5,340,876	56,062	279,580	313,168	1,813,278	1,148,973	1,729,815
Apparel and related products:							
Number of establishments	30,960	12,674	13,045	2,979	2,122	114	26
All employees	1,081,844	52,464	306,759	204,919	396,421	75,796	45,485
Value added by manufacture	4,443,373	359,392	1,359,694	800,235	1,461,012	275,689	187,351
Lumber and products, exc. furniture:							
Number of establishments	26,231	13,907	9,545	1,570	1,132	63	14
All employees	635,708	62,233	195,549	107,734	208,782	42,495	18,915
Value added by manufacture	2,497,192	192,537	634,602	422,479	927,486	209,432	110,656
Furniture and fixtures:							
Number of establishments	7,687	3,499	2,788	667	658	53	22
All employees	322,384	14,427	62,579	46,295	129,305	36,342	33,436
Value added by manufacture	1,377,908	58,810	251,378	197,195	550,183	170,432	149,910
Paper and allied products:							
Number of establishments	4,103	687	1,517	687	1,051	124	37
All employees	449,833	3,533	38,829	48,513	225,006	84,721	49,231
Value added by manufacture	2,874,958	16,999	196,071	302,770	1,521,553	562,275	275,290
Printing and publishing industries:							
Number of establishments	28,986	19,423	7,250	1,138	990	103	82
All employees	715,450	72,242	153,757	78,029	197,463	70,523	143,436
Value added by manufacture	4,269,416	353,725	820,454	445,256	1,177,352	457,752	1,014,877
Chemicals and allied products:							
Number of establishments	10,073	4,578	3,519	928	844	110	94
All employees	632,319	18,195	80,359	63,891	173,554	76,365	219,955
Value added by manufacture	5,365,201	127,044	650,811	522,019	1,618,357	767,678	1,679,292
Petroleum and coal products:							
Number of establishments	1,387	478	419	158	253	42	37
All employees	212,003	2,079	9,979	11,028	60,193	28,266	100,458
Value added by manufacture	2,015,307	18,682	108,525	135,106	614,224	252,454	886,316
Rubber products:							
Number of establishments	875	271	269	89	147	43	56
All employees	259,092	1,078	6,516	6,462	34,326	30,826	179,884
Value added by manufacture	1,302,863	4,749	29,848	28,454	172,195	147,260	920,357
Leather and leather products:							
Number of establishments	5,308	1,952	1,821	561	845	111	18
All employees	383,175	8,117	42,935	39,669	194,043	76,580	21,831
Value added by manufacture	1,532,803	90,333	173,246	153,606	738,052	304,337	73,229
Stone, clay, and glass products:							
Number of establishments	11,650	7,124	2,966	624	787	88	61
All employees	462,072	25,637	64,630	43,184	166,186	61,497	100,938
Value added by manufacture	2,306,480	96,290	292,646	197,921	871,428	324,224	523,971
Primary metal industries:							
Number of establishments	5,363	1,518	1,699	640	1,059	219	228
All employees	1,157,124	6,456	41,831	45,110	244,756	151,508	667,463
Value added by manufacture	5,765,434	30,570	191,961	217,572	1,373,312	815,250	3,136,769
Fabricated metal products:							
Number of establishments	16,734	7,774	5,653	1,384	1,553	254	116
All employees	971,461	31,259	129,091	96,867	326,801	172,427	215,016
Value added by manufacture	4,921,476	153,262	651,636	503,709	1,728,368	879,453	1,005,048
Machinery (except electrical):							
Number of establishments	17,906	8,432	5,825	1,341	1,696	322	290
All employees	1,545,323	33,883	128,657	93,629	370,448	226,148	692,558
Value added by manufacture	7,812,455	173,358	677,207	513,032	2,010,322	1,188,055	3,250,481
Electrical machinery:							
Number of establishments	3,973	1,281	1,206	448	698	178	162
All employees	801,359	5,375	28,589	31,698	166,162	133,091	436,444
Value added by manufacture	3,894,115	23,990	129,623	149,531	800,215	624,822	2,165,934

No. 912.—Manufactures—Selected Statistics, by Size of Establishment, for Major Industry Groups: 1947—Continued

[Value figures in thousands of dollars. Employee figures are average for year]

Major industry group and item	Total all establishments	Establishments with an average of—					
		1-9 employees	10-49 employees	50-99 employees	100-499 employees	500-999 employees	1,000 and over
Transportation equipment:							
Number of establishments	3,711	1,466	1,070	307	464	146	258
All employees	1,181,680	5,780	25,208	21,484	102,774	103,692	922,742
Value added by manufacture	5,869,196	23,938	120,487	106,498	508,600	529,811	4,579,862
Instruments and related products:							
Number of establishments	2,599	1,270	795	195	249	40	50
All employees	231,997	4,690	17,604	13,440	53,586	29,236	113,441
Value added by manufacture	1,080,336	23,434	81,119	65,764	261,128	142,504	506,387
Miscellaneous manufactures:							
Number of establishments	14,131	8,025	4,382	846	754	77	47
All employees	464,420	30,468	96,345	59,265	152,412	50,169	75,761
Value added by manufacture	2,090,168	133,607	405,486	263,133	669,816	221,074	397,052

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 913.—Manufactures—Prime Movers, Motors, and Generators, by Number and Rated Capacity: 1899 to 1939

[See also *Historical Statistics*, series J 11-12 for horsepower of prime movers and electric motors driven by purchased energy]

Kind	1899	1909	1919	1929	1939
Number of establishments reporting power equipment	[1] 131,309	[1] 181,994	[1] 219,398	190,091	[2] 179,674
Prime movers, horsepower	[3] 9,633,215	[4] 16,393,467	19,432,157	19,328,309	21,239,195
Electric motors driven by purchased energy, horsepower	178,176	1,669,226	8,965,406	21,793,762	29,213,085
Prime movers:					
Steam engines:					
Number	[5] 127,145	[5] 148,001	110,609	62,395	42,538
Horsepower	[5] 7,999,241	[5] 13,806,053	13,346,169	9,157,755	6,533,429
Steam turbines:					
Number	([8])	([8])	5,655	8,883	12,631
Horsepower	([8])	([8])	3,098,698	7,409,748	11,295,872
Diesel and semi-Diesel engines:					
Number	([8])	([8])	([8])	([8])	5,311
Horsepower	([8])	([8])	([8])	([8])	630,181
Other internal-combustion engines:					
Number	[6] 14,231	[6] 33,866	[6] 30,080	[6] 10,991	10,278
Horsepower	[6] 132,961	[6] 739,736	[6] 1,223,296	[6] 1,203,303	1,176,044
Hydroturbines and water wheels:					
Number	[7] 23,078	[7] 21,226	[7] 13,952	6,511	3,854
Horsepower	[7] 1,453,821	[7] 1,819,465	[7] 1,763,994	1,557,503	1,603,669
Electric generators, kilowatt rating	([8])	([8])	([8])	7,591,999	9,658,828
Electric motors, total horsepower	475,342	4,582,689	15,612,644	33,844,131	45,201,319
Driven by purchased energy:					
Number	([8])	193,898	954,916	2,655,142	4,138,287
Horsepower	178,176	1,669,226	8,965,406	21,793,762	29,213,085
Driven by energy generated in plant:					
Number	16,317	180,791	465,519	829,959	1,224,478
Horsepower	297,166	2,913,463	6,647,238	12,050,369	16,078,234

[1] Because of change from $500 to $5,000 in minimum-value-of-products limit, "Number of establishments reporting power equipment" figures for 1919 and earlier years are not comparable with those for 1929 and 1939. This change did not, however, materially impair comparableness of figures for other items in this table.
[2] Returns for "Logging camps and logging contractors (not operating mills)," numbering 967, were excluded from power tabulations.
[3] Includes 47,192 horsepower reported as other owned power, not distributed by type of prime mover.
[4] Includes 28,213 horsepower reported as other owned power, not distributed by type of prime mover.
[5] Figures for "Steam engines" include data for "Steam turbines," not reported separately.
[6] Figures for "Other internal-combustion engines" include data for "Diesel and semi-Diesel engines," not reported separately.
[7] Includes data for water motors.
[8] Not available.

Source: Department of Commerce, Bureau of the Census; 1939 Census of Manufactures reports, Vol. I.

No. 914.—Industrial Power Requirements of Manufacturing and Extracting Industries: 1939 to 1946

[Based on reports filed by more than 5,000 manufacturing, industrial, and other establishments consuming over 85 percent of the total energy used by such establishments. Use for 1946 was estimated. Data have been adjusted to census coverage based on 1939 Census of Manufactures and 1939 Census of Mineral Industries]

[In millions of kilowatt-hours]

INDUSTRY	1939	1940	1941	1942	1943	1944	1945	1946[1]
Total	79,044	92,390	113,932	133,899	158,525	158,751	143,162	133,682
Manufacturing industries, total	70,518	82,661	103,109	120,844	143,963	144,319	129,183	120,280
Food and kindred products	6,386	6,532	7,315	7,905	8,561	8,724	8,988	9,603
Tobacco manufactures	115	126	140	145	160	164	177	176
Textile-mill products	6,800	7,394	9,119	9,794	9,377	8,816	8,436	8,895
Apparel and other finished products	357	420	514	554	605	539	661	658
Lumber and timber basic products	1,245	1,424	1,582	1,686	1,630	1,462	1,464	1,601
Furniture and finished lumber products	605	679	830	845	886	867	882	977
Paper and allied products	9,097	10,006	11,185	11,270	10,985	11,038	11,445	12,154
Printing and publishing	859	930	1,025	1,042	1,075	1,101	1,161	1,213
Chemicals and allied products	9,747	12,602	16,397	21,671	28,684	29,163	24,590	21,565
Products of petroleum and coal	3,438	3,844	4,358	4,621	5,229	6,243	6,539	6,385
Rubber products	1,584	1,652	2,073	1,754	2,137	2,494	2,683	3,015
Leather and leather products	402	416	523	559	556	556	579	587
Stone, clay, and glass products	4,851	5,301	6,547	6,968	6,070	5,100	5,400	6,627
Iron and steel and their products	12,246	14,810	18,703	20,316	22,364	23,290	21,702	19,406
Nonferrous metals and their products	5,954	7,805	10,663	15,375	23,495	20,755	14,912	11,811
Electrical machinery	1,432	1,817	2,522	2,999	3,542	3,658	3,385	2,955
Machinery, except electrical	1,985	2,549	3,634	4,816	5,811	5,861	5,136	4,796
Automobiles and automobile equipment	2,467	3,042	3,668	3,454	4,572	4,662	3,774	4,245
Transportation equipment	482	796	1,648	4,277	7,291	8,909	6,418	2,782
Miscellaneous industries	466	516	663	793	933	917	852	830
Government manufacturing industries, total	441	614	929	1,918	2,886	3,082	2,673	1,701
Shipbuilding and ship repairing	180	250	414	735	986	1,155	1,108	957
Arsenal and ordnance products	90	133	319	809	1,109	1,100	826	267
Miscellaneous government products	171	231	196	374	791	827	739	477
Extracting industries, total	8,085	9,115	9,894	11,137	11,676	11,350	11,306	11,701
Metal mining	2,895	3,340	3,697	4,164	4,227	3,819	3,424	3,503
Coal mining	3,525	3,938	4,181	4,856	5,168	5,238	5,382	5,546
Nonmetallic mining and quarrying	828	939	1,131	1,230	1,346	1,348	1,501	1,646
Crude petroleum and natural gas production	837	898	885	887	935	945	998	1,006

[1] 1947 statistics, compiled by Bureau of Census from Census of Manufactures, show a total for manufacturing industries of 140,947 million kilowatt-hours. Adding estimates for government and extracting industries indicate a total for all uses shown of 157,145 million kilowatt-hours. Bureau of Census data follow somewhat different classifications and details are not comparable in all cases.

Source: Federal Power Commission; annual report, Industrial Electric Power in the United States, 1939-1946. (Series discontinued.)

No. 915.—Manufactures—General Statistics, by Major Industry Groups: 1947 and 1939

[Figures for 1939 adjusted for comparability with 1947. See general note, p. 751]

INDUSTRY GROUP	1947							1939		
	Number of establishments	Number of proprietors and firm members	All employees [1]		Production workers		Value added by manufacture (1,000) [2]	Number of establishments	Number of production workers (average for the year)	Value added by manufacture (1,000) [2]
			Number (average for the year)	Salaries and wages, total (1,000)	Number (average for the year)	Wages, total (1,000)				
All industries, total	**240,881**	**188,948**	**14,294,304**	**$39,689,527**	**11,916,188**	**$30,242,343**	**$74,425,825**	**173,802**	**7,808,205**	**$24,487,304**
Food and kindred products	39,933	31,430	1,441,847	3,789,387	1,099,478	2,572,190	9,024,912	43,667	802,133	3,484,696
Tobacco manufactures	1,086	874	111,782	205,838	103,289	175,318	641,356	765	87,525	350,152
Textile mill products	8,185	4,068	1,233,431	2,836,166	1,147,194	2,449,312	5,340,876	6,388	1,081,710	1,817,996
Apparel and related products	30,960	28,430	1,081,844	2,527,499	972,897	2,015,220	4,443,373	20,275	752,829	1,386,004
Lumber and products (except furniture)	26,231	29,272	635,708	1,337,612	596,118	1,179,981	2,497,192	13,208	422,947	731,208
Furniture and fixtures	7,687	6,112	322,384	824,061	282,780	653,915	1,377,908	5,178	189,382	417,785
Paper and allied products	4,103	1,289	449,833	1,280,672	388,901	1,010,972	2,874,958	3,328	270,239	888,350
Printing and publishing industries	28,986	22,685	715,450	2,277,263	438,135	1,318,285	4,269,416	24,878	324,371	1,765,314
Chemicals and allied products	10,073	4,034	632,319	1,910,463	466,458	1,242,628	5,365,201	8,839	275,669	1,818,941
Petroleum and coal products	1,387	398	212,003	739,345	169,610	556,365	2,015,307	1,227	107,695	697,273
Rubber products	875	366	259,092	783,464	214,533	614,762	1,302,863	595	120,740	406,155
Leather and leather products	5,308	3,496	383,175	873,566	348,529	725,143	1,532,803	3,505	327,189	582,915
Stone, clay, and glass products	11,650	10,323	462,072	1,210,768	405,755	994,884	2,306,480	6,678	267,094	856,323
Primary metal industries	5,363	2,893	1,157,124	3,594,548	1,010,055	2,976,507	5,765,434	3,512	672,438	2,168,899
Fabricated metal products	16,734	12,348	971,461	2,832,835	822,514	2,188,581	4,921,476	9,532	451,087	1,400,883
Machinery (except electrical)	17,906	13,159	1,545,323	4,804,563	1,244,135	3,592,771	7,812,455	8,860	536,082	2,036,965
Electrical machinery	3,973	1,727	801,359	2,271,039	639,147	1,647,401	3,894,115	1,979	247,930	941,469
Transportation equipment	3,711	2,534	1,181,680	3,719,583	987,142	2,939,815	5,869,196	2,012	544,553	1,772,573
Instruments and related products	2,599	1,661	231,997	665,347	181,939	467,785	1,080,336	1,292	84,867	333,409
Miscellaneous manufactures	14,131	11,849	464,420	1,205,508	397,579	920,508	2,090,168	8,084	241,725	629,994

[1] Includes all full-time and part-time production and related workers, force-account construction workers, clerical and routine office workers, administrative, supervisory, sales, technical, and all other personnel on the pay rolls of manufacturing establishments. Excludes employees of central administrative offices operated by concerns having 2 or more manufacturing establishments. Wages and salaries represent the gross earnings of employees including commissions, dismissal pay, nonproduction bonuses, vacation and sick leave pay, and compensation in kind, and prior to such deductions as employees' social security contributions, withholding taxes, group insurance, union dues, and savings bonds.

[2] Value of products less cost of materials, supplies, fuel, electricity, and contract work.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 916.—Manufactures—General Statistics, by Industry: 1947 and 1939

[Figures for 1939 adjusted for comparability with 1947. See general note, p. 751]

INDUSTRY	1947						Number of production workers (average for the year), 1939
	Number of establishments	All employees [1]		Production workers		Value added by manufacture ($1,000) [2]	
		Number (average for the year)	Salaries and wages, total ($1,000)	Number (average for the year)	Wages, total ($1,000)		
Food and kindred products	**39,933**	**1,441,847**	**3,789,387**	**1,099,478**	**2,572,190**	**9,024,912**	**802,133**
Meat products	3,974	274,441	781,940	220,732	584,566	1,280,692	146,624
Meat packing, wholesale	2,153	208,369	622,770	167,072	468,743	976,995	115,046
Prepared meats	1,264	44,379	122,742	34,473	86,570	235,537	17,624
Poultry dressing, wholesale	557	21,693	36,428	19,187	29,253	68,160	13,954
Dairy products	5,423	92,693	225,312	69,074	155,841	595,168	50,488
Creamery butter	1,633	20,564	44,373	15,242	31,883	107,248	17,953
Natural cheese	1,711	12,320	27,597	10,535	23,024	63,257	5,009
Concentrated milk	428	16,635	42,870	13,982	34,838	148,771	9,705
Ice cream and ices	1,521	35,807	92,000	23,196	52,222	228,049	15,443
Special dairy products	130	7,367	18,472	6,119	13,874	47,843	2,378
Canning, preserving, and freezing	3,826	201,627	418,669	181,004	339,224	916,621	135,087
Canned sea food	254	20,153	37,207	18,929	31,755	96,807	15,735
Cured fish	127	2,431	5,111	2,143	3,763	9,948	1,893
Canning and preserving, exc. fish	2,265	135,974	288,443	121,916	234,886	609,939	93,603
Dehydrated fruits and vegetables	146	3,976	8,145	3,662	6,834	18,155	8,058
Pickles and sauces	743	21,730	48,221	18,584	36,153	122,395	12,464
Frozen foods	291	17,363	31,542	15,770	25,833	59,377	3,334
Grain-mill products	4,206	113,217	311,736	86,063	216,229	1,001,692	50,682
Flour and meal	1,243	39,458	118,940	30,722	85,680	410,468	24,771
Prepared animal feeds	2,689	55,347	143,301	40,266	93,579	394,236	15,401
Cereal preparations	64	11,276	30,689	9,496	25,160	130,188	7,458
Rice cleaning and polishing	88	4,072	9,999	3,267	6,700	43,432	2,346
Blended and prepared flour	122	3,064	8,807	2,312	5,110	23,368	706
Bakery products	7,123	279,368	765,202	187,581	429,487	1,365,809	209,375
Bread and other bakery products	6,797	233,310	655,979	150,055	351,126	1,100,836	180,202
Biscuit, crackers, and pretzels	326	46,058	109,223	37,526	78,361	264,973	29,173
Sugar	181	35,423	91,291	30,749	75,529	233,869	28,760
Raw cane sugar	82	4,635	8,550	4,022	6,597	17,709	4,217
Cane-sugar refining	25	17,376	47,172	15,093	38,974	98,112	14,133
Beet sugar	74	13,412	35,569	11,634	29,958	118,048	10,410
Confectionery and related products	1,754	91,710	214,558	78,063	155,666	587,065	58,831
Confectionery products	1,686	75,165	167,886	64,883	123,046	413,852	49,740
Chocolate and cocoa products	31	9,605	27,480	7,708	19,174	98,276	6,464
Chewing gum	37	6,940	19,192	5,472	13,446	74,937	2,627
Beverages	6,755	202,574	598,654	138,515	375,921	1,850,914	67,777
Bottled soft drinks	5,618	79,397	194,305	41,214	83,291	420,711	21,265
Malt liquors	446	82,534	292,405	63,668	210,228	808,946	36,088
Malt	53	2,524	9,550	2,069	6,896	53,885	1,459
Wines and brandy	418	7,697	21,896	5,824	13,681	95,015	2,337
Distilled liquors, except brandy	226	30,422	80,498	25,740	61,825	472,357	6,628
Miscellaneous food preparations	6,691	150,794	382,025	107,697	239,727	1,193,082	54,509
Leavening compounds	48	3,066	8,944	2,364	6,804	46,494	2,334
Shortening and cooking oils	100	8,003	24,550	5,931	16,298	162,146	4,913
Oleomargarine	27	2,567	8,337	1,806	5,279	43,750	984
Corn products	55	12,324	41,115	10,158	32,688	127,143	6,764
Flavorings	606	11,726	37,149	7,242	17,720	158,333	3,589
Vinegar and cider	118	987	2,094	828	1,579	3,503	1,059
Manufactured ice	3,432	46,462	103,038	29,048	63,026	226,584	15,912
Macaroni and spaghetti	226	8,043	18,763	6,628	13,134	42,049	6,013
Liquid, frozen, and dried eggs	154	9,800	16,570	8,700	13,284	32,209	1,388
Food preparations, n. e. c.	1,925	47,816	121,465	34,992	69,915	350,871	11,553
Tobacco manufactures	**1,086**	**111,782**	**205,838**	**103,289**	**175,318**	**641,356**	**87,525**
Cigarettes	28	27,674	63,204	25,553	54,986	368,417	27,426
Cigars	822	47,068	76,344	44,512	68,402	143,145	50,897
Chewing and smoking tobacco	73	11,139	22,676	9,725	17,616	57,571	9,202
Tobacco stemming and redrying	163	25,901	43,614	23,499	34,314	72,223	

For footnotes, see p. 770.

No. 916.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—Continued

INDUSTRY	1947						Number of production workers (average for the year), 1939
	Number of establishments	All employees [1]		Production workers		Value added by manufacture ($1,000) [2]	
		Number (average for the year)	Salaries and wages, total ($1,000)	Number (average for the year)	Wages, total ($1,000)		
Textile mill products	**8,185**	**1,233,431**	**2,836,166**	**1,147,194**	**2,449,312**	**5,340,876**	**1,081,710**
Woolen and worsted manufactures	828	180,054	457,055	166,947	394,655	803,592	149,976
Scouring and combing plants	74	8,726	26,475	7,912	21,202	54,166	6,731
Yarn mills, wool, except carpet	200	33,178	75,380	31,463	66,443	127,808	22,764
Woolen and worsted fabrics	495	132,348	338,928	122,432	293,962	599,534	116,660
Finishing wool textiles	59	5,802	16,272	5,140	13,048	22,084	3,821
Yarn and thread mills, except wool	658	123,599	241,717	117,356	215,171	447,110	105,508
Yarn throwing mills	122	14,866	28,401	13,800	24,323	45,970	25,740
Thread mills	89	14,652	33,240	13,126	26,930	67,372	14,382
Yarn mills, cotton system	404	92,280	176,152	88,839	160,767	326,839	62,511
Yarn mills, silk system	43	1,801	3,924	1,591	3,151	6,929	2,875
Cotton and rayon broad woven fabrics	1,109	455,009	996,604	433,534	904,862	2,050,384	398,487
Cotton broad woven fabrics	602	357,361	764,532	342,360	699,871	1,562,336	318,892
Rayon and related broad woven fabrics	507	97,648	232,072	91,174	204,991	488,048	79,595
Narrow fabric mills	479	27,662	63,861	24,917	51,604	108,201	24,591
Knitting mills	3,126	230,527	492,718	212,962	414,036	854,596	236,628
Full-fashioned hosiery mills	738	70,034	178,062	65,148	156,320	319,369	97,200
Seamless hosiery mills	617	64,808	105,626	61,343	91,858	163,805	61,852
Knit outerwear mills	1,201	34,760	80,988	30,596	59,876	145,743	23,437
Knit underwear mills	172	40,579	80,520	37,546	67,990	134,399	37,478
Knit glove mills	46	5,212	9,222	4,955	8,203	14,730	5,574
Knit-fabric mills	308	14,158	36,087	12,502	28,051	72,272	9,548
Knitting mills, n. e. c.	44	976	2,213	872	1,738	4,278	1,539
Finishing textiles, except wool	641	77,985	218,933	69,035	176,094	359,270	60,237
Carpets and rugs	296	57,211	157,917	50,883	131,340	331,314	38,892
Wool carpets, rugs, and carpet yarn	95	40,096	111,558	35,560	92,656	217,046	28,727
Carpets and rugs, n. e. c.	182	7,055	14,378	6,444	11,556	30,986	3,137
Hard-surface floor coverings	19	10,060	31,981	8,879	27,128	83,282	7,028
Hats (except cloth and millinery)	271	21,428	55,159	18,864	43,362	92,040	23,639
Fur-felt hats and hat bodies	136	13,034	36,433	11,495	28,554	61,474	14,515
Wool-felt hats and hat bodies	49	4,467	9,394	3,967	7,564	13,938	4,572
Straw hats	40	2,438	5,387	2,057	4,113	8,610	2,659
Hatters' fur	46	1,489	3,945	1,345	3,131	8,018	1,893
Miscellaneous textile goods	777	59,956	152,202	52,696	118,188	294,369	43,752
Felt goods, n. e. c.	46	4,737	14,177	4,167	11,109	24,881	3,346
Lace goods	96	8,580	21,346	7,856	17,745	44,872	7,254
Paddings and upholstery filling	138	8,243	21,296	7,378	17,018	44,444	4,505
Processed textile waste	179	5,805	12,894	5,149	9,822	22,612	4,844
Coated fabrics, except rubberized	110	8,698	27,596	6,948	19,219	51,209	5,895
Jute (exc. felt), and linen goods	35	5,290	12,140	4,815	9,942	21,318	5,321
Cordage and twine	148	15,950	36,228	14,122	28,490	71,999	12,587
Textile goods, n. e. c.	25	2,653	6,525	2,261	4,843	13,034	[3]
Apparel and related products	**30,960**	**1,081,844**	**2,527,499**	**972,897**	**2,015,220**	**4,443,373**	**752,829**
Men's and boys' suits and coats	1,969	150,369	404,799	136,136	337,972	674,243	119,599
Men's and boys' suits and coats	1,816	146,768	396,244	132,866	331,151	658,358	116,852
Suit and coat findings	153	3,601	8,555	3,270	6,821	15,885	2,747
Men's and boys' furnishings	4,026	253,436	456,321	234,476	374,850	803,911	196,258
Men's dress shirts and nightwear	1,065	94,308	163,945	88,172	137,653	292,714	70,453
Men's and boys' underwear	103	7,269	11,330	6,929	9,847	20,348	6,543
Men's and boys' neckwear	413	10,744	25,367	9,246	18,485	50,708	9,603
Men's and boys' cloth hats and caps	313	5,541	12,379	5,063	10,455	20,685	3,383
Hat and cap materials	70	1,111	3,002	943	2,100	5,620	796
Separate trousers	976	48,300	93,639	44,939	77,370	163,731	31,327
Work shirts	85	12,061	16,609	11,169	13,858	33,212	13,449
Men's and boys' clothing, n. e. c.	1,001	74,102	130,050	68,015	105,082	216,893	60,704

For footnotes, see p. 770.

No. 916.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—Continued

INDUSTRY	1947						Number of production workers (average for the year), 1939
	Number of establishments	All employees [1]		Production workers		Value added by manufacture ($1,000) [2]	
		Number (average for the year)	Salaries and wages, total ($1,000)	Number (average for the year)	Wages, total ($1,000)		
Apparel, etc.—Con.							
Women's and misses' outerwear	10,085	313,402	846,340	279,029	671,342	1,427,891	208,895
Blouses and waists	1,361	32,757	67,473	29,946	54,166	123,640	9,673
Dresses, unit price	4,202	133,294	370,854	118,276	294,847	609,576	103,738
Dresses, dozen price	917	48,692	90,494	43,867	68,658	153,052	38,794
Women's suits and coats	2,477	74,306	261,425	65,397	211,245	438,145	41,032
Women's skirts	493	8,312	21,270	7,434	16,841	38,484	4,421
Women's neckwear and scarfs	166	2,754	6,963	2,181	3,829	16,850	1,931
Women's outerwear, n. e. c.	469	13,287	27,861	11,928	21,756	48,144	9,306
Women's and children's undergarments	2,051	94,558	197,898	83,895	145,208	387,974	58,624
Women's and children's underwear	1,516	57,306	114,543	51,997	86,181	227,236	39,859
Corsets and allied garments	535	37,252	83,355	31,898	59,027	160,738	18,765
Millinery	932	20,893	59,489	18,076	46,812	100,723	24,017
Children's outerwear	1,687	48,136	101,162	43,358	79,351	178,265	25,289
Children's dresses	664	22,435	43,416	20,347	33,975	76,469	15,133
Children's coats	506	12,427	33,229	10,990	25,899	58,365	3,501
Children's outerwear, n. e. c.	517	13,274	24,517	12,021	19,477	43,431	6,655
Fur goods	2,229	16,190	68,571	13,745	57,636	122,821	13,111
Misc. apparel and accessories	1,727	57,229	119,519	50,972	91,548	215,019	38,222
Fabric and combination dress gloves	130	5,136	8,378	4,769	6,998	13,256	3,852
Fabric and combination work gloves	144	10,981	17,979	10,421	15,963	35,005	8,901
Suspenders and garters	64	1,685	3,641	1,408	2,417	6,774	2,558
Robes and dressing gowns	376	10,884	23,353	9,803	17,630	42,563	5,774
Waterproof outer garments	247	8,283	19,561	7,339	14,991	31,975	2,412
Leather and sheep-lined clothing	126	4,335	10,678	3,816	8,041	18,798	4,672
Belts	396	9,162	22,016	7,573	15,889	38,037	4,222
Handkerchiefs	159	4,583	9,054	4,078	6,303	20,689	4,839
Apparel, n. e. c.	85	2,180	4,859	1,765	3 316	7,922	992
Misc. fabricated textiles	6,254	127,631	273,400	113,210	210,501	532,526	68,814
Curtains and draperies	397	7,982	17,081	6,928	11,702	34,909	7,691
Housefurnishings, n.e.c.	1,233	40,220	78,790	36,384	63,053	156,420	20,096
Textile bags	233	13,884	28,363	12,159	21,046	66,320	11,991
Canvas products	902	10,569	24,667	8,639	17,429	41,424	3,869
Tucking, pleating, and hemstitching	531	5,929	12,421	5,532	11,035	21,339	4,254
Trimmings and art goods	787	15,007	33,924	13,120	25,547	65,092	5,455
Schiffli-machine embroideries	546	5,678	15,054	5,080	11,681	31,733	3,750
Embroideries, except Schiffli-machine	787	9,836	20,234	9,308	17,627	34,521	4,797
Fabricated textile products, n.e.c.	838	18,526	42,866	16,060	31,381	80,768	6,911
Lumber and products (except furniture)	**26,231**	**635,708**	**1,337,612**	**596,118**	**1,179,981**	**2,497,192**	**422,947**
Lumber and timber basic products	19,685	406,815	797,151	388,665	728,645	1,560,476	269,209
Sawmills and planing mills, general	19,223	382,902	753,878	366,119	691,094	1,491,932	252,036
Veneer mills	156	10,461	20,441	9,722	17,248	36,858	7,784
Cooperage stock mills	250	12,291	20,253	11,739	17,984	27,191	8,464
Excelsior mills	56	1,161	2,579	1,085	2,319	4,495	925
Millwork and related products	2,681	94,275	255,366	83,214	207,733	442,746	56,434
Millwork plants	2,312	57,599	156,073	50,288	125,014	256,399	41,532
Plywood plants	162	26,499	71,026	24,448	61,977	146,087	13,154
Prefabricated wood products	207	10,177	28,267	8,478	20,742	40,260	1,748
Wooden containers	1,516	69,104	139,553	64,727	121,257	233,453	57,602
Fruit and vegetable baskets	141	9,105	13,398	8,781	12,093	19,330	9,093
Rattan and willow ware, n.e.c.	53	1,073	2,101	983	1,776	3,573	1,377
Cigar boxes	42	1,875	3,135	1,747	2,650	4,655	3,101
Wooden boxes (except cigar boxes)	1,025	47,828	98,833	44,606	85,757	174,545	36,838
Cooperage	255	9,223	22,086	8,610	18,981	31,350	7,193

For footnotes, see p. 770.

No. 916.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—Continued

INDUSTRY	1947						Number of production workers (average for the year), 1939
	Number of establishments	All employees [1]		Production workers		Value added by manufacture ($1,000) [2]	
		Number (average for the year)	Salaries and wages, total ($1,000)	Number (average for the year)	Wages, total ($1,000)		
Lumber, etc.—Con.							
Miscellaneous wood products	2,349	65,514	145,542	59,512	122,346	260,517	39,702
Wood preserving	242	16,247	37,142	14,772	32,020	92,041	11,242
Lasts and related products	50	1,959	5,348	1,699	4,159	8,937	1,519
Mirror and picture frames	246	3,811	10,255	3,293	7,742	15,506	3,220
Wood products, n. e. c.	1,811	43,497	92,797	39,748	78,425	144,033	23,721
Furniture and fixtures	7,687	322,384	824,061	282,780	653,915	1,377,908	189,382
Household furniture	4,880	228,946	559,025	204,020	450,772	933,467	143,100
Wood house furniture, except upholstered	2,251	132,709	306,371	120,661	254,595	492,738	83,923
Household furniture upholstered	1,391	44,755	114,861	39,786	92,908	192,430	32,226
Reed and rattan furniture	29	771	1,919	686	1,521	3,697	976
Metal house furniture, except upholstered	309	19,485	51,634	16,654	39,369	94,511	7,633
Mattresses and bedsprings	879	30,344	82,102	25,460	60,824	146,050	18,342
Household furniture, n. e. c.	21	882	2,138	773	1,555	4,041	(3)
Office furniture	218	21,292	59,834	17,984	47,128	107,711	11,165
Wood office furniture	115	6,601	17,211	5,897	14,152	26,839	4,013
Metal office furniture	103	14,691	42,623	12,087	32,976	80,872	7,152
Public and professional furniture	195	14,410	41,151	11,916	30,500	65,098	8,715
Public building furniture	118	8,855	24,710	7,402	18,716	37,632	5,900
Professional furniture	77	5,555	16,441	4,514	11,784	27,466	2,815
Partitions and fixtures	1,134	27,678	88,632	23,783	69,953	136,843	14,911
Screens, shades, and blinds	1,058	25,973	64,237	21,541	46,606	116,396	11,491
Window and door screens	284	9,510	25,205	7,766	17,894	44,416	2,830
Window shades	126	6,760	18,668	5,495	13,264	34,844	3,261
Venetian blinds	648	9,703	20,364	8,280	15,448	37,136	5,400
Miscellaneous furniture and fixtures	202	4,085	11,182	3,536	8,956	18,393	(3)
Restaurant furniture	173	3,370	9,161	2,880	7,273	15,201	(3)
Furniture and fixtures, n. e. c.	29	715	2,021	656	1,683	3,192	(3)
Paper and allied products	4,103	449,833	1,280,672	388,901	1,010,972	2,874,958	270,239
Pulp, paper, and paperboard	891	198,370	609,270	174,096	509,023	1,466,046	142,097
Pulp mills	226	50,290	148,125	45,412	127,452	415,938	26,870
Paper and board mills	665	148,080	461,145	128,684	381,571	1,050,108	115,227
Paper coating and glazing	182	18,133	56,832	15,194	43,190	126,840	7,450
Envelopes	164	13,797	39,191	11,543	27,656	68,253	8,689
Paper bags	193	22,265	53,860	19,558	42,318	119,265	11,081
Paperboard containers and boxes	1,652	119,131	316,136	102,861	236,020	670,127	69,167
Paperboard boxes	1,522	109,776	292,948	94,625	217,154	633,269	62,530
Fiber cans, tubes, drums, etc.	130	9,355	23,188	8,236	18,866	36,858	6,637
Pulp goods and misc. paper products	1,021	78,137	205,383	65,649	152,765	424,427	31,755
Die-cut paper and board	205	8,488	23,200	7,032	17,039	46,955	4,354
Wallpaper	58	5,462	16,287	4,771	12,222	32,732	4,054
Pulp goods, pressed and molded	19	1,748	4,910	1,482	3,870	9,672	701
Converted paper products, n. e. c.	739	62,439	160,986	52,364	119,634	335,068	22,646
Printing and publishing industries	28,986	715,450	2,277,263	438,135	1,318,285	4,269,416	324,371
Newspapers	8,339	234,375	743,854	118,116	372,752	1,398,724	96,731
Periodicals	2,166	68,823	235,508	19,346	64,314	664,632	15,411
Books	804	50,900	143,114	17,372	49,844	320,562	13,786
Books: publishing and printing	648	39,942	104,278	8,092	20,142	262,903	6,158
Book printing	156	10,958	38,836	9,280	29,702	57,659	7,628
Miscellaneous publishing	611	12,036	35,200	3,430	8,475	72,151	477
Commercial printing	11,932	193,415	598,702	155,987	453,516	977,686	112,389
Lithographing	1,413	52,240	192,178	41,247	126,872	313,462	26,948
Greeting cards	162	18,053	43,898	12,650	23,900	81,051	7,522

For footnotes, see p. 770.

No. 916.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—Continued

INDUSTRY	1947						Number of production workers (average for the year), 1939
	Number of establishments	All employees [1]		Production workers		Value added by manufacture ($1,000) [2]	
		Number (average for the year)	Salaries and wages, total ($1,000)	Number (average for the year)	Wages, total ($1,000)		
Printing and publishing industries—Continued.							
Bookbinding and related industries	1,342	42,561	107,466	36,437	84,632	177,144	25,891
Bookbinding	686	22,227	57,541	20,037	48,857	90,259	14,339
Blankbook making and paper ruling	305	8,768	21,028	7,039	14,654	36,622	5,126
Loose-leaf binders and devices	131	8,133	20,946	6,445	14,914	36,797	3,964
Miscellaneous bookbinding work	220	3,433	7,951	2,916	6,207	13,466	2,462
Printing trades service industries	2,217	43,047	177,343	33,550	133,980	264,004	25,216
Typesetting	794	11,475	44,906	9,301	35,409	66,842	6,244
Engraving and plate printing	416	7,688	20,998	6,463	16,959	33,094	5,353
Photoengraving	770	16,711	80,003	12,234	57,962	116,131	9,207
Electrotyping and stereotyping	237	7,173	31,436	5,552	23,650	47,937	4,412
Chemicals and allied products	**10,073**	**632,319**	**1,910,463**	**466,458**	**1,242,628**	**5,365,201**	**275,669**
Industrial inorganic chemicals	412	65,347	204,113	50,203	146,960	454,699	33,595
Alkalies and chlorine	32	19,853	63,822	15,017	45,494	113,868	10,516
Inorganic chemicals, n. e. c	380	45,494	140,291	35,186	101,466	340,831	23,079
Industrial organic chemicals	563	206,295	648,618	157,905	458,663	1,551,381	86,873
Cyclic (coal-tar) crudes	46	1,972	5,490	1,633	4,527	17,071	1,528
Plastics materials	125	29,337	93,410	22,212	64,306	200,341	7,191
Synthetic rubber	20	7,663	25,774	5,721	18,381	97,356	(3)
Synthetic fibers	38	71,882	199,910	57,857	150,380	447,877	48,332
Explosives	76	10,426	32,313	8,932	26,051	74,706	7,242
Organic chemicals, n. e. c	258	85,015	291,721	61,550	195,018	714,030	22,580
Drugs and medicines	1,355	81,803	236,912	54,725	133,324	748,570	24,212
Biological products	85	3,154	8,831	2,244	5,119	19,941	2,155
Botanical products	15	709	2,042	506	1,245	9,009	618
Medicinal chemicals	92	12,388	40,178	9,414	28,032	110,516	1,802
Pharmaceutical preparations	1,163	65,552	185,861	42,561	98,928	609,104	19,637
Soap and related products	1,392	44,962	149,753	29,729	82,042	606,079	19,509
Soap and glycerin	249	27,660	93,638	19,394	57,619	450,721	13,624
Cleaning and polishing preparations	1,038	15,352	48,209	9,090	20,984	135,120	5,128
Sulfonated oils and assistants	105	1,950	7,906	1,245	3,439	20,238	757
Paints and allied products	1,456	67,807	224,840	45,822	124,936	573,237	27,660
Paints and varnishes	1,291	53,412	180,952	34,693	94,155	469,584	21,879
Inorganic color pigments	94	13,140	39,747	10,310	28,731	94,658	5,497
Whiting and fillers	71	1,255	4,141	819	2,050	8,995	284
Gum and wood chemicals	118	8,466	20,552	7,382	16,347	62,965	6,368
Hardwood distillation	27	1,872	4,140	1,618	3,313	7,490	1,770
Softwood distillation	32	4,574	11,815	4,071	9,655	46,064	2,353
Gum naval stores (steam distilled)	31	638	1,385	512	947	2,634	971
Natural tanning and dyeing materials	28	1,382	3,212	1,181	2,432	6,777	1,274
Fertilizers	704	31,933	71,607	26,574	52,758	186,601	18,807
Fertilizers	187	20,371	48,000	17,373	37,309	126,856	11,028
Fertilizers (mixing only)	517	11,562	23,607	9,201	15,449	59,745	7,779
Vegetable and animal oils	1,194	43,431	117,307	35,887	86,054	482,476	27,042
Cottonseed oil mills	315	14,398	31,419	12,136	22,560	104,603	15,191
Linseed oil mills	17	1,577	4,536	1,349	3,628	42,243	2,120
Soybean oil mills	133	6,460	18,773	5,076	13,489	105,291	1,481
Vegetable oil mills, n. e. c	84	5,036	13,356	4,292	9,873	77,509	860
Marine animal oils	59	1,947	5,046	1,792	4,341	15,033	1,631
Grease and tallow	556	12,472	38,969	10,066	28,722	118,830	5,201
Fatty acids	16	1,335	4,433	1,037	3,055	17,151	522
Animal oils, n. e. c	14	206	775	139	386	1,816	36

For footnotes, see p. 770.

No. 916.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—Continued

INDUSTRY	1947						Number of production workers (average for the year), 1939
	Number of establishments	All employees [1]		Production workers		Value added by manufacture ($1,000) [2]	
		Number (average for the year)	Salaries and wages, total ($1,000)	Number (average for the year)	Wages, total ($1,000)		
Chemicals, etc.—Con.							
Miscellaneous chemical products	2,879	82,275	236,761	58,231	141,544	699,193	31,603
Printing ink	239	6,021	20,496	4,154	11,890	51,949	2,480
Essential oils	42	1,151	3,787	896	2,510	14,477	440
Toilet preparations	718	26,023	65,580	18,186	36,697	226,872	10,363
Glue and gelatin	72	5,372	17,133	4,317	12,472	45,346	3,039
Carbon black	59	3,184	10,017	2,834	8,456	44,962	1,574
Compressed and liquefied gases	371	8,983	25,241	6,139	16,996	66,833	3,960
Insecticides and fungicides	166	4,579	13,452	3,216	7,997	30,121	656
Salt	38	4,809	12,762	4,056	9,826	25,197	3,737
Chemical products, n. e. c.	1,174	22,153	68,293	14,433	34,700	193,436	5,354
Petroleum and coal products	**1,387**	**212,003**	**739,345**	**169,610**	**556,365**	**2,015,307**	**107,695**
Petroleum refining	437	145,806	535,781	113,847	396,236	1,494,474	72,982
Coke and byproducts	167	38,938	119,996	34,416	101,012	278,230	21,693
Beehive coke ovens	78	3,100	10,251	2,935	9,597	21,661	685
Byproduct coke ovens	89	35,838	109,745	31,481	91,415	256,569	21,008
Paving and roofing materials	437	19,263	58,048	15,779	44,001	155,655	10,624
Paving mixtures and blocks	263	2,684	8,268	1,960	5,486	22,803	2,437
Roofing felts and coatings	174	16,579	49,780	13,819	38,515	132,852	8,187
Misc. petroleum and coal products	346	7,996	25,520	5,568	15,116	86,948	2,396
Fuel briquets and packaged fuel	99	1,204	3,467	1,042	2,986	9,093	410
Lubricants, n. e. c.	233	6,271	20,643	4,091	11,022	69,435	1,986
Petroleum and coal prod., n. e. c.	14	521	1,410	435	1,108	8,420	(3)
Rubber products	**875**	**259,092**	**783,464**	**214,533**	**614,762**	**1,302,863**	**120,740**
Tires and inner tubes	57	115,657	390,841	93,916	311,276	650,165	54,115
Rubber footwear	26	28,125	72,666	23,952	58,462	121,040	14,861
Reclaimed rubber	15	2,070	6,849	1,855	5,826	9,604	1,072
Rubber industries, n. e. c.	777	113,240	313,108	94,810	239,198	522,054	50,692
Leather and leather products	**5,308**	**383,175**	**873,566**	**348,529**	**725,143**	**1,532,803**	**327,189**
Leather tanning and finishing	561	53,205	156,540	48,627	130,586	403,783	47,252
Industrial leather belting	183	5,032	13,441	4,015	9,667	28,375	2,337
Footwear cut stock	606	22,077	47,793	19,706	38,468	87,301	18,845
Footwear (except rubber)	1,500	240,315	516,879	220,654	438,894	785,543	218,010
Footwear, except rubber	1,288	229,303	494,319	210,634	420,510	745,995	207,767
House slippers	212	11,012	22,560	10,020	18,384	39,548	10,243
Leather gloves and mittens	341	11,544	20,710	10,464	17,040	31,911	9,539
Leather dress gloves	252	8,968	15,844	8,151	13,141	24,042	7,690
Leather work gloves	89	2,576	4,866	2,313	3,899	7,869	1,849
Luggage	592	16,066	41,293	13,904	31,141	68,078	8,326
Handbags and small leather goods	980	25,907	57,011	23,246	44,122	96,076	17,663
Handbags and purses	734	20,301	45,409	18,404	35,992	76,586	14,048
Small leather goods	246	5,606	11,602	4,842	8,130	19,490	3,615
Miscellaneous leather goods	545	9,029	19,899	7,913	15,225	31,736	5,217
Saddlery, harness, and whips	140	2,861	6,294	2,501	5,021	9,437	2,755
Leather goods, n. e. c.	405	6,168	13,605	5,412	10,204	22,299	2,462
Stone, clay, and glass products	**11,650**	**462,072**	**1,210,768**	**405,755**	**994,884**	**2,306,480**	**267,094**
Flat glass	34	27,241	84,067	24,325	73,252	173,754	16,739
Pressed and blown glassware	213	89,302	230,287	79,417	193,954	421,518	53,083
Glass containers	87	47,132	126,503	41,943	107,101	252,069	25,753
Pressed and blown glassware, n. e. c.	126	42,170	103,784	37,474	86,853	169,449	27,330
Products of purchased glass	1,054	22,357	56,644	19,298	43,739	118,107	10,012
Cement, hydraulic	155	35,662	98,626	30,639	79,861	247,936	20,249
Structural clay products	1,110	69,273	169,179	62,689	144,040	280,392	56,745
Brick and hollow tile	674	29,617	69,399	27,002	59,876	110,867	29,069
Floor and wall tile	37	6,828	16,335	6,250	13,774	31,238	5,681
Sewer pipe	69	9,105	22,421	8,310	19,552	38,362	6,406
Clay refractories	169	17,978	47,074	15,950	38,684	76,054	12,211
Structural clay products, n. e. c.	161	5,745	13,950	5,177	12,154	23,871	3,378

For footnotes, see p. 770.

No. 916.—Manufactures—General Statistics, by Industry: 1947 and 1939—Continued

INDUSTRY	1947						1939
	Number of establishments	All employees [1]		Production workers		Value added by manufacture ($1,000) [2]	Number of production workers (average for the year), 1939
		Number (average for the year)	Salaries and wages, total ($1,000)	Number (average for the year)	Wages, total ($1,000)		
Stone, clay, etc.—Continued							
Pottery and related products	742	58,006	146,962	53,376	126,677	224,792	33,105
Vitreous plumbing fixtures	33	7,831	24,615	6,996	21,187	45,677	4,534
Vitreous-china food utensils	27	11,100	26,849	10,326	23,530	35,228	4,350
Earthenware food utensils	76	16,747	42,091	15,742	37,175	54,837	11,728
Porcelain electrical supplies	50	11,547	30,463	10,447	25,454	52,832	6,018
China decorating for the trade	65	1,048	2,471	875	1,679	5,143	421
Pottery products, n. e. c.	491	9,733	20,473	8,990	17,652	31,075	6,054
Concrete and plaster products	6,494	70,176	169,559	61,572	140,032	346,761	28,947
Concrete products	6,158	46,821	106,484	41,537	88,471	202,789	15,455
Gypsum products	73	7,472	21,384	6,543	17,911	67,879	4,936
Lime	172	7,009	18,767	6,129	15,516	39,253	6,708
Mineral wool	91	8,874	22,924	7,363	18,134	36,840	1,848
Cut-stone and stone products	640	9,880	25,922	8,312	20,605	45,940	11,841
Misc. nonmetallic mineral products	1,208	80,175	229,522	66,127	172,724	447,280	36,373
Abrasive products	253	20,754	66,158	15,864	45,031	126,659	7,734
Asbestos products	111	21,463	60,119	18,140	47,429	112,571	10,415
Gaskets and asbestos insulations	191	12,960	36,047	10,743	27,038	65,303	5,907
Graphite: ground or blended	12	853	2,799	618	1,625	4,945	56
Minerals: ground or treated	206	7,955	21,328	6,729	16,798	51,058	5,173
Sand-lime products	26	303	746	250	591	1,186	346
Nonclay refractories	63	10,273	27,783	8,951	22,963	58,022	4,542
Statuary and art goods	272	2,025	4,268	1,829	3,534	7,391	983
Nonmetallic mineral products, n. e. c.	74	3,589	10,274	3,003	7,715	20,145	1,217
Primary metal industries	**5,363**	**1,157,124**	**3,594,548**	**1,010,055**	**2,976,507**	**5,765,434**	**672,438**
Blast furnaces and steel mills	320	547,364	1,735,111	478,960	1,454,985	2,659,250	391,215
Blast furnaces	86	36,937	112,018	32,697	93,598	328,060	19,537
Steel works and rolling mills	215	500,799	1,593,808	438,088	1,337,938	2,275,697	368,904
Electrometallurgical products	19	9,628	29,285	8,175	23,449	55,493	2,774
Iron and steel foundries	1,936	267,306	793,485	239,272	672,116	1,121,522	123,809
Gray-iron foundries	1,654	173,776	512,177	157,361	441,657	732,647	75,680
Malleable-iron foundries	78	29,862	90,811	26,659	76,750	121,661	18,041
Steel foundries	204	63,668	190,497	55,252	153,709	267,214	30,088
Primary nonferrous metals	88	42,804	127,026	37,396	107,291	325,643	27,630
Primary copper	27	14,629	44,790	13,065	38,967	134,658	
Primary lead	16	4,663	14,082	4,022	11,610	35,902	24,828
Primary zinc	20	12,424	35,476	11,088	30,475	77,068	
Primary aluminum	11	8,919	26,398	7,336	20,930	65,262	
Primary nonferrous metals, n. e. c.	14	2,169	6,280	1,885	5,309	12,753	2,802
Secondary nonferrous metals	322	18,402	56,576	14,750	39,046	119,667	8,109
Nonferrous metal rolling and drawing	162	88,824	264,117	74,796	209,657	503,363	46,309
Copper rolling and drawing	78	53,867	166,076	45,924	133,969	302,592	33,597
Aluminum rolling and drawing	29	27,365	73,665	22,786	57,544	150,697	9,926
Nonferrous metal rolling, n. e. c.	55	7,592	24,376	6,086	18,144	50,074	2,786
Nonferrous foundries	1,724	65,342	198,988	57,469	163,706	295,834	23,362
Misc. primary metal industries	811	127,082	419,245	107,412	329,706	740,155	52,004
Iron and steel forgings	250	36,724	128,198	32,384	105,776	197,111	14,764
Wire drawing	134	55,079	175,682	45,644	136,797	314,788	21,969
Welded and heavy-riveted pipe	50	13,144	43,115	11,306	34,348	89,614	8,370
Primary metal industries, n. e. c.	377	22,135	72,250	18,078	52,785	138,642	6,901
Fabricated metal products	**16,734**	**971,461**	**2,832,835**	**822,514**	**2,188,581**	**4,921,476**	**451,087**
Tin cans and other tinware	217	46,890	127,338	40,890	105,689	231,953	29,277
Cutlery, hand tools, and hardware	1,866	154,168	432,726	131,604	339,163	728,426	75,175
Cutlery	195	20,248	54,142	17,579	42,530	104,833	10,252
Edge tools	238	8,828	24,681	7,632	19,486	40,472	4,889
Hand tools, n. e. c.	579	35,668	103,191	30,138	79,061	174,540	14,722
Files	37	4,446	11,213	4,084	9,714	19,149	3,205
Hand saws and saw blades	89	8,441	25,600	7,380	20,872	42,975	4,072
Hardware, n. e. c.	728	76,537	213,899	64,791	167,500	346,457	38,035

For footnotes, see p. 770.

No. 916.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—Continued

INDUSTRY	1947						Number of production workers (average for the year), 1939
	Number of establishments	All employees [1]		Production workers		Value added by manufacture ($1,000) [2]	
		Number (average for the year)	Salaries and wages, total ($1,000)	Number (average for the year)	Wages, total ($1,000)		
Fabricated metal products—Continued							
Heating and plumbing equipment	1,276	150,882	439,102	126,725	339,029	789,524	78,330
Metal plumbing fixtures and fittings	277	34,089	96,371	30,107	80,144	155,944	22,889
Oil burners	151	6,318	19,889	4,646	12,760	44,388	1,552
Heating and cooking apparatus, n. e. c.	848	110,475	322,842	91,972	246,125	589,192	53,889
Structural metal products	4,507	212,379	661,099	172,690	486,737	1,143,553	83,429
Structural and ornamental products	1,667	79,678	249,034	64,278	180,105	440,701	36,776
Metal doors, sash, and trim	320	21,079	66,038	17,359	49,238	117,642	7,387
Boiler shop products	812	68,979	213,364	55,937	157,464	358,764	20,517
Sheet-metal work	1,708	42,643	132,663	35,116	99,930	226,446	18,749
Metal stamping and coating	4,437	182,983	521,331	159,926	414,874	861,173	80,649
Vitreous-enameled products	49	12,240	28,070	11,061	22,917	45,116	10,809
Metal stampings	1,981	132,011	388,038	113,976	304,120	642,483	57,182
Enameling and lacquering	261	4,025	10,188	3,653	8,653	16,638	1,821
Galvanizing	125	3,056	8,636	2,711	6,548	15,296	1,212
Engraving on metal	219	3,428	10,054	2,929	8,176	16,252	1,419
Plating and polishing	1,802	28,223	76,345	25,596	64,460	125,388	8,206
Lighting fixtures	1,206	47,596	132,858	39,883	97,351	247,619	20,477
Fabricated wire products	977	60,647	171,294	52,543	136,195	282,147	32,901
Nails and spikes	68	3,805	9,876	3,278	7,738	15,721	2,515
Wirework, n. e. c.	909	56,842	161,418	49,265	128,457	266,426	30,386
Misc. fabricated metal products	2,248	115,916	347,087	98,253	269,543	637,081	50,849
Metal barrels, drums, and pails	70	10,915	31,331	9,329	24,918	64,119	6,072
Safes and vaults	26	3,754	10,117	3,004	7,437	19,434	1,236
Steel springs	81	7,760	24,938	6,747	20,233	45,876	2,940
Bolts, nuts, washers, and rivets	364	49,235	151,514	40,908	115,790	285,451	20,722
Screw-machine products	1,207	28,492	86,850	24,740	68,949	143,853	10,571
Collapsible tubes	19	3,866	9,415	3,475	7,205	16,942	1,933
Metal foil	43	4,261	11,732	3,673	9,252	21,439	2,278
Fabricated metal products, n. e. c.	438	7,633	21,190	6,377	15,759	39,967	5,097
Machinery (except electrical)	**17,906**	**1,545,323**	**4,804,563**	**1,244,135**	**3,592,771**	**7,812,455**	**536,082**
Engines and turbines	151	93,064	298,789	71,826	218,538	408,099	18,846
Steam engines and turbines	17	21,640	71,972	15,375	49,584	80,947	4,094
Internal-combustion engines	134	71,424	226,817	56,451	168,954	327,152	14,752
Tractors and farm machinery	1,102	171,435	494,625	139,629	381,574	753,762	60,144
Tractors	94	77,317	227,767	62,926	177,966	332,062	30,898
Farm machinery (exc. tractors)	1,008	94,118	266,858	76,703	203,608	421,700	29,246
Construction and mining machinery	747	113,871	355,367	88,905	255,047	641,397	36,750
Construction and mining machinery	517	84,694	263,835	66,196	189,964	470,132	24,108
Oil-field machinery and tools	230	29,177	91,532	22,709	65,083	171,265	12,642
Metalworking machinery	4,293	214,543	728,840	172,982	541,586	1,131,182	80,954
Machine tools	316	70,657	235,938	54,892	166,206	347,965	36,997
Metalworking machinery, n. e. c.	428	54,988	182,068	43,568	132,810	302,842	18,123
Cutting tools, jigs, fixtures, etc.	3,549	88,898	310,834	74,522	242,570	480,375	25,834
Special-industry machinery, n. e. c.	4,106	215,967	685,776	173,592	512,363	1,095,558	77,246
Food-products machinery	622	36,839	113,506	28,826	82,062	191,214	14,155
Textile machinery	489	53,583	158,446	45,393	126,142	256,436	22,580
Woodworking machinery	294	15,642	48,707	12,623	35,332	86,360	3,649
Paper-industries machinery	149	17,088	57,749	13,398	41,523	81,358	5,570
Printing-trades machinery	326	24,752	84,333	19,584	62,616	131,625	9,564
Special-industry machinery, n. e. c.	2,226	68,063	223,035	53,768	164,688	348,565	21,728

For footnotes, see p. 770.

No. 916.—Manufactures—General Statistics, by Industry: 1947 and 1939—Continued

Industry	1947						Number of production workers (average for the year), 1939
	Number of establishments	All employees [1]		Production workers		Value added by manufacture ($1,000) [2]	
		Number (average for the year)	Salaries and wages, total ($1,000)	Number (average for the year)	Wages, total ($1,000)		
Machinery, etc.—Continued							
General industrial machinery	2,191	217,402	690,443	164,249	472,472	1,189,229	72,799
Pumps and compressors	447	54,726	167,498	40,358	115,404	282,476	20,063
Elevators and escalators	111	10,227	33,998	7,317	22,890	68,614	3,591
Conveyors	253	24,578	84,084	18,073	55,024	143,515	5,733
Blowers and fans	192	14,794	44,202	11,087	30,329	84,429	4,069
Industrial trucks and tractors	197	13,974	42,038	10,652	29,660	81,789	3,652
Power-transmission equipment	416	54,316	173,596	43,975	124,941	283,647	18,203
Industrial furnaces and ovens	108	6,341	21,719	4,045	11,872	38,990	1,283
Mechanical stokers	46	4,111	12,371	3,118	8,886	22,212	3,756
General industrial machinery, n. e. c.	421	34,335	110,937	25,624	73,466	183,557	12,449
Office and store machines	357	97,778	303,123	84,340	247,458	503,854	42,989
Computing and related machines	53	46,375	154,716	40,467	129,361	231,207	16,517
Typewriters	28	26,604	73,377	23,838	63,709	121,385	16,195
Scales and balances	75	6,526	18,849	4,874	12,847	34,766	2,839
Office and store machines, n. e. c.	201	18,273	56,181	15,161	41,541	116,496	7,438
Service and household machines	1,088	220,286	659,982	180,771	504,203	1,105,798	67,906
Domestic laundry equipment	65	28,403	85,596	23,651	65,596	161,791	7,466
Laundry and dry-cleaning machinery	127	9,093	27,435	6,888	19,015	54,347	2,783
Sewing machines	70	15,305	48,484	12,647	37,926	68,681	7,840
Vacuum cleaners	34	14,880	44,797	12,232	35,266	91,047	3,886
Refrigeration machinery	561	129,290	380,216	108,316	299,175	597,486	39,433
Measuring and dispensing pumps	52	12,083	36,972	8,884	24,174	66,223	5,054
Service and household machines, n. e. c.	179	11,232	36,482	8,153	23,051	66,223	1,444
Miscellaneous machinery parts	3,871	200,977	587,618	167,841	459,530	983,576	78,448
Valves and fittings, exc. plumbers'	453	80,075	238,951	65,855	184,638	393,860	32,159
Fabricated pipe and fittings	212	10,568	33,362	8,273	23,172	58,786	2,792
Ball and roller bearings	94	52,174	153,333	45,075	125,711	259,060	19,164
Machine shops	3,112	58,160	161,972	48,638	126,009	271,870	24,333
Electrical machinery	**3,973**	**801,359**	**2,271,039**	**639,147**	**1,647,401**	**3,894,115**	**247,930**
Electrical industrial apparatus	1,567	321,352	940,861	253,575	683,452	1,616,398	95,179
Wiring devices and supplies	342	38,367	102,322	32,452	77,451	213,596	14,024
Carbon and graphite products	44	7,818	22,028	6,426	16,504	40,218	3,189
Elec. measuring instruments	154	20,926	60,661	16,086	42,326	103,946	6,976
Motors and generators	256	127,012	374,135	101,852	282,252	569,745	44,423
Transformers	144	36,635	107,978	28,160	78,525	195,102	9,260
Electrical control apparatus	324	72,330	215,974	54,589	148,360	395,175	14,747
Electrical welding apparatus	108	7,265	29,151	5,139	17,709	57,310	1,653
Elec. industrial apparatus, n. e. c.	195	10,999	28,612	8,871	20,325	41,306	907
Electrical appliances	326	44,371	124,957	37,271	96,654	236,241	13,572
Insulated wire and cable	171	21,282	58,044	18,185	45,375	103,722	15,696
Engine electrical equipment	110	43,920	125,393	37,978	102,144	196,351	17,043
Electric lamps	62	23,842	57,914	21,550	48,891	120,344	9,622
Communication equipment	1,210	303,391	847,247	234,706	581,158	1,374,117	74,992
Radios and related products	857	178,595	462,207	142,478	324,300	773,233	45,484
Electronic tubes	51	27,703	65,420	22,571	46,704	94,040	11,256
Phonograph records	111	10,045	29,193	8,246	22,840	75,660	926
Telephone and telegraph equipment	90	76,072	258,567	53,630	167,488	384,417	14,433
Communication equipment, n. e. c.	101	10,976	31,860	7,781	19,826	46,767	2,893
Miscellaneous electrical products	527	43,201	116,623	35,882	89,727	246,942	21,826
Storage batteries	246	16,570	48,379	13,632	38,257	114,246	9,564
Primary batteries (dry and wet)	38	10,261	24,463	9,181	20,656	45,275	5,470
X-ray and therapeutic apparatus	116	7,678	23,217	5,621	15,354	38,635	1,920
Electrical products, n. e. c.	127	8,692	20,564	7,448	15,460	48,786	4,872

For footnotes, see p. 770.

No. 916.—Manufactures—General Statistics, by Industry: 1947 and 1939—Continued

Industry	1947						Number of production workers (average for the year), 1939
	Number of establishments	All employees [1]		Production workers		Value added by manufacture ($1,000) [2]	
		Number (average for the year)	Salaries and wages, total ($1,000)	Number (average for the year)	Wages, total ($1,000)		
Transportation equipment	**3,711**	**1,181,680**	**3,719,583**	**987,142**	**2,939,815**	**5,869,196**	**544,553**
Motor vehicles and equipment	1,904	701,121	2,207,456	599,301	1,797,805	3,819,076	393,617
Motor vehicles and parts	963	653,169	2,067,473	558,693	1,687,685	3,577,404	388,126
Truck and bus bodies	603	26,646	78,386	22,876	62,664	127,429	
Truck trailers	119	12,020	34,833	9,400	25,256	65,257	3,960
Automobile trailers	219	9,286	26,764	8,332	22,200	48,986	1,531
Aircraft and parts	332	219,611	703,702	162,596	476,297	954,575	48,761
Aircraft	58	146,625	462,906	110,332	316,795	605,983	34,159
Aircraft engines	57	50,253	165,554	35,872	110,177	251,158	9,445
Aircraft propellers	13	7,423	25,666	4,822	15,230	26,685	5,157
Aircraft equipment, n. e. c.	204	15,310	49,576	11,570	34,095	70,749	
Ships and boats	1,110	149,655	467,585	132,033	394,371	586,558	69,241
Ship building and repairing	301	130,200	415,828	114,718	350,836	517,504	69,241
Boat building and repairing	809	19,455	51,757	17,315	43,535	69,054	
Railroad equipment	122	91,116	283,552	75,691	224,867	415,607	24,709
Locomotives and parts	36	30,337	97,608	25,368	78,131	142,477	6,998
Railroad and street cars	86	60,779	185,944	50,323	146,736	273,130	17,711
Motorcycles and bicycles	76	15,615	45,661	13,659	37,732	72,838	6,973
Transportation equipment, n. e. c.	167	4,562	11,627	3,862	8,743	20,542	1,252
Instruments and related products	**2,599**	**231,997**	**665,347**	**181,939**	**467,785**	**1,080,336**	**84,867**
Scientific instruments	216	20,384	61,719	15,023	41,831	83,010	6,529
Mechanical measuring instruments	463	53,237	155,589	40,937	109,196	245,144	15,075
Optical instruments and lenses	114	6,458	18,664	5,228	14,025	26,743	2,209
Medical instruments and supplies	980	38,369	107,837	29,617	71,281	184,665	14,624
Surgical and medical instruments	139	6,980	20,297	5,818	15,281	30,214	1,911
Surgical appliances and supplies	628	22,315	61,915	16,667	38,696	111,526	8,468
Dental equipment and supplies	213	9,074	25,625	7,132	17,304	42,925	4,245
Ophthalmic goods	184	22,457	56,811	19,744	46,224	81,530	10,252
Photographic equipment	366	50,911	154,416	36,273	101,765	264,784	16,434
Watches and clocks	276	40,181	110,311	35,117	83,463	194,460	19,744
Watches and clocks	194	34,623	93,331	30,237	70,372	169,474	17,335
Watchcases	82	5,558	16,980	4,880	13,091	24,986	2,409
Miscellaneous manufactures	**14,131**	**464,420**	**1,205,508**	**397,579**	**920,508**	**2,090,168**	**241,725**
Jewelry and silverware	2,031	54,827	167,433	45,880	126,947	302,859	27,604
Jewelry (precious metal)	1,344	25,566	76,462	20,610	54,222	140,478	11,358
Jewelers' findings	182	6,056	17,350	5,203	12,389	29,714	2,813
Lapidary work	270	1,699	5,524	1,525	4,532	10,860	267
Silverware and plated ware	235	21,506	68,097	18,542	55,804	121,807	13,166
Musical instruments and parts	260	16,889	46,808	14,814	38,198	71,356	10,806
Pianos	27	6,978	20,573	6,170	16,948	31,097	5,311
Organs	64	4,546	11,764	4,059	9,832	18,137	2,304
Piano and organ parts							
Musical instruments, n. e. c.	169	5,365	14,471	4,585	11,418	22,122	3,191
Toys and sporting goods	2,198	75,493	173,833	67,228	138,350	294,727	36,803
Games and toys, n. e. c.	837	27,140	60,554	24,174	47,403	105,414	13,778
Dolls	377	9,797	21,847	8,886	17,739	37,577	4,890
Children's vehicles	120	8,783	24,735	7,773	19,423	44,204	4,319
Sporting and athletic goods	864	29,773	66,697	26,395	53,785	107,532	13,816
Office supplies	787	31,557	82,074	24,734	55,553	163,160	12,591
Pens and mechanical pencils	184	15,553	40,606	12,527	28,207	89,897	4,463
Lead pencils and crayons	50	6,279	14,726	5,190	10,409	23,633	3,779
Hand stamps and stencils	426	4,684	12,900	3,462	8,729	20,047	2,211
Artists' materials	60	1,360	3,220	997	1,944	5,968	397
Carbon paper and inked ribbons	67	3,681	10,622	2,558	6,264	23,615	1,741
Costume jewelry and notions	2,034	65,878	153,561	57,593	118,562	262,685	40,989
Costume jewelry	859	25,371	59,487	22,266	45,979	107,224	12,228
Artificial flowers	445	7,130	13,448	6,569	10,713	23,813	6,650
Buttons	453	10,418	21,835	9,417	17,542	34,356	10,972
Needles, pins, and fasteners	277	22,959	58,791	19,341	44,328	97,292	11,139
Plastics products, n. e. c.	1,360	60,092	159,024	51,512	123,583	289,594	15,094

For footnotes, see p. 770.

No. 916.—MANUFACTURES—GENERAL STATISTICS, BY INDUSTRY: 1947 AND 1939—Continued

INDUSTRY	1947						Number of production workers (average for the year), 1939
	Number of establishments	All employees [1]		Production workers		Value added by manufacture ($1,000) [2]	
		Number (average for the year)	Salaries and wages, total ($1,000)	Number (average for the year)	Wages, total ($1,000)		
Miscellaneous manufactures—Continued							
Miscellaneous manufactures	5,461	159,684	422,775	135,818	319,315	705,787	97,838
Brooms and brushes	706	18,551	44,875	15,543	31,162	87,288	11,678
Cork products	36	2,485	6,802	2,150	5,427	11,657	2,923
Matches	29	7,350	16,422	6,612	13,406	31,302	5,426
Candles	54	2,405	5,596	1,933	3,704	8,911	840
Fireworks and pyrotechnics	73	3,251	6,694	2,982	5,706	8,626	1,158
Jewelry and instrument cases	165	7,383	16,446	6,681	13,280	26,460	4,099
Lamp shades	291	4,488	8,473	4,100	7,043	14,668	2,671
Morticians' goods	568	22,375	60,002	18,242	42,388	92,395	12,447
Beauty and barber shop equipment	70	4,065	11,884	3,185	7,698	17,840	1,779
Furs, dressed and dyed	175	6,848	25,540	6,147	21,673	42,954	4,956
Signs and advertising displays	1,983	28,879	82,045	24,328	62,026	130,454	17,206
Hair work	87	1,170	2,436	1,046	2,040	4,380	322
Umbrellas, parasols, and canes	164	3,585	8,360	3,267	6,490	15,421	2,862
Tobacco pipes	76	3,140	8,810	2,745	6,302	13,738	2,481
Soda-fountain and bar equipment	67	2,739	8,488	2,231	6,524	16,254	1,590
Models and patterns (except paper)	209	1,868	5,144	1,691	4,325	8,573	1,206
Small arms	34	10,453	30,545	9,249	25,876	42,314	5,001
Small arms ammunition	8	8,050	22,091	6,748	17,297	40,840	4,264
Miscellaneous products, n. e. c.	666	20,599	52,122	16,938	36,948	91,712	14,929

[1] Includes all full-time and part-time production and related workers, force-account construction workers, clerical and routine office workers, administrative, supervisory, sales, technical, and all other personnel on the pay rolls of manufacturing establishments. Excludes employees of central administrative offices operated by concerns having 2 or more manufacturing establishments. Wages and salaries represent the gross earnings of employees including commissions, dismissal pay, nonproduction bonuses, vacation and sick leave pay, and compensation in kind, and prior to such deductions as employees' social security contributions, withholding taxes, group insurance, union dues, and savings bonds.

[2] Value of products less cost of materials, supplies, fuel, electricity, and contract work.

[3] There were no establishments classified in this industry in 1939.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 917.—Manufactures—Value of Products Shipped and Cost of Materials, by Industry: 1947

[**In thousands of dollars.** This table supplements table 916. Cost of materials and value of products were not compiled for industry groups because of the duplication which arises in the combination of individual industries representing successive stages in the production of finished manufactures. For this reason figures are given in this table only for those individual industries in which little or no duplication arises. Value added by manufacture figures shown in table 916 were usually calculated by subtracting cost of materials, etc., from value of products shipped. For a limited number of industries, however, information was requested on quantity of production, as well as on quantity and value of shipments of product items. For most of these industries, value added for the larger establishments (50 or more employees) was calculated by multiplying the quantity of each item produced by a unit value derived from the shipments data, adding these values to obtain a total value of production, and subtracting therefrom the cost of materials. Consequently, for such industries, value added by manufacture in table 916 does not equal the value of products shipped, less cost of materials, etc., as given in this table]

INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity, and contract work
Meat products:		
Meat packing, wholesale	(1)	(1)
Prepared meats	(1)	(1)
Poultry dressing, wholesale	481,929	413,769
Dairy products:		
Creamery butter	844,713	737,465
Natural cheese	457,935	394,678
Concentrated milk	737,607	588,836
Ice cream and ices	611,755	383,706
Special dairy products	291,451	243,608
Canning, preserving, and freezing:		
Canned sea food	226,519	129,712
Cured fish	31,077	21,129
Canning and preserving, except fish	1,640,754	1,030,815
Dehydrated fruits and veg	51,079	32,924
Pickles and sauces	364,919	242,524
Frozen foods	155,076	95,699
Grain-mill products:		
Flour and meal	2,511,543	2,101,075
Prepared animal feeds	2,130,263	1,736,027
Cereal preparations	284,666	154,478
Rice cleaning and polishing	224,741	181,309
Blended and prepared flour	75,523	52,155
Bakery products:		
Bread and other bakery products	2,416,891	1,316,055
Biscuits, crackers, and pretzels	540,222	275,249
Sugar:		
Raw cane sugar	60,135	41,595
Cane-sugar refining	818,430	728,744
Beet sugar	262,872	187,485
Confectionery and related products:		
Confectionery products	944,925	531,073
Chocolate and cocoa products	349,907	251,631
Chewing gum	148,286	73,349
Beverages:		
Bottled soft drinks	748,196	327,485
Malt liquors	1,317,854	508,908
Malt	256,230	202,995
Wines and brandy	(1)	(1)
Distilled liquors, except brandy	870,235	397,878
Miscellaneous food preparations:		
Leavening compounds	72,295	25,801
Shortening and cooking oils	884,713	737,405
Oleomargarine	214,598	169,749
Corn products	459,978	332,835
Flavorings	313,573	155,240
Vinegar and cider	8,579	5,076
Manufactured ice	273,415	46,831
Macaroni and spaghetti	112,094	70,045
Liquid, frozen, and dried eggs	253,413	221,204
Food preparations, n. e. c	1,312,466	961,595
Tobacco manufactures:		
Cigarettes	1,131,891	763,474
Cigars	311,401	168,256
Chewing and smoking tobacco	140,142	82,571
Tobacco stemming and redrying	957,807	885,584

INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity, and contract work
Woolen and worsted manufactures:		
Scouring and combing plants	203,255	149,089
Yarn mills, wool, except carpet	336,956	209,148
Woolen and worsted fabrics	1,355,209	755,675
Finishing wool textiles	28,889	6,805
Yarn and thread mills, except wool:		
Yarn throwing mills	64,173	18,203
Thread mills	154,269	86,897
Yarn mills, cotton system	769,403	442,564
Yarn mills, silk system	12,494	5,565
Cotton and rayon broad-woven fabrics:		
Cotton broad-woven fabrics	3,204,623	1,732,287
Rayon and related broad-woven fabrics	1,002,923	514,875
Narrow fabric mills	210,908	102,250
Knitting mills:		
Full-fashioned hosiery mills	531,519	212,150
Seamless-hosiery mills	326,760	162,955
Knit outerwear mills	330,893	185,150
Knit underwear mills	295,411	163,421
Knit glove mills	26,495	11,879
Knit-fabric mills	199,649	128,264
Knitting mills, n. e. c	10,587	6,309
Finishing textiles, except wool	531,400	172,130
Carpets and rugs:		
Wool carpets, rugs, and carpet yarn	(1)	(1)
Carpets and rugs, n. e. c	55,559	24,573
Hard-surface floor coverings	174,736	93,535
Hats, except cloth and millinery:		
Fur-felt hats and hat bodies	131,123	69,649
Wool-felt hats and hat bodies	26,368	12,430
Straw hats	18,250	9,640
Hatters' fur	23,823	15,805
Miscellaneous textile goods:		
Felt goods, n. e. c	59,764	34,883
Lace goods	68,663	26,099
Paddings and upholstery filling	109,555	65,111
Processed textile waste	57,255	34,643
Coated fabrics, except rubberized	157,114	105,905
Jute (except felt) and linen goods	48,853	28,275
Cordage and twine	167,648	103,153
Textile goods, n. e. c	19,374	6,340
Men's and boys' suits and coats:		
Men's and boys' suits and coats	1,411,575	753,217
Suit and coat findings	38,407	22,522
Men's and boys' furnishings:		
Men's dress shirts and nightwear	731,568	438,854
Men's and boys' underwear	49,753	29,405
Men's and boys' neckwear	113,688	62,980
Men's and boys' cloth hats and caps	37,535	16,850
Hat and cap materials	12,329	6,709

For footnotes, see p. 775.

No. 917.—Manufactures—Value of Products Shipped and Cost of Materials, by Industry: 1947—Continued

[In thousands of dollars]

INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity and contract work
Men's and boys' furnishings—Continued		
Separate trousers	343,184	179,453
Work shirts	95,378	62,166
Men's and boys' clothing, n. e. c.	551,037	334,144
Women's and misses' outerwear:		
Blouses and waists	276,284	152,644
Dresses, unit price	1,353,068	743,492
Dresses, dozen price	350,454	197,402
Women's suits and coats	1,003,755	565,610
Women's skirts	85,911	47,427
Women's neckwear and scarfs	51,061	34,211
Women's outerwear, n. e. c.	100,570	52,426
Women's and children's undergarments:		
Women's and children's underwear	573,484	346,544
Corsets and allied garments	284,098	123,360
Millinery	177,495	76,772
Children's outerwear:		
Children's dresses	174,863	98,394
Children's coats	135,210	76,845
Children's outerwear, n. e. c.	92,745	49,314
Fur goods	357,013	234,466
Miscellaneous apparel and accessories:		
Fabric and combination dress gloves	28,388	15,805
Fabric and combination work gloves	74,605	41,778
Suspenders and garters	14,563	7,789
Robes and dressing gowns	103,024	60,461
Waterproof outer garments	77,020	45,045
Leather and sheep-lined clothing	40,904	22,106
Belts	68,982	30,945
Handkerchiefs	53,106	32,417
Apparel, n. e. c.	13,286	5,364
Miscellaneous fabricated textiles:		
Curtains and draperies	109,640	74,731
Housefurnishings, n. e. c.	504,065	347,615
Textile bags	356,245	289,925
Canvas products	90,844	49,420
Tucking, pleating, and hemstitching	25,237	3,898
Trimmings and art goods	129,982	64,890
Schiffli-machine embroideries	55,514	23,781
Embroideries, except schiffli-machine	44,392	9,871
Fabricated textile products, n. e. c.	193,466	112,698
Lumber and timber basic products:		
Sawmills and planing mills, general [2]	2,526,927	1,034,995
Veneer mills	67,423	30,565
Cooperage stock mills	55,132	27,941
Excelsior mills	7,508	3,013
Millwork and related products:		
Millwork plants	526,494	270,095
Plywood plants	264,453	118,366
Prefabricated wood products	106,880	66,620
Wooden containers:		
Fruit and vegetable baskets	30,584	11,254
Rattan and willow ware, n. e. c.	7,243	3,670
Cigar boxes	8,102	3,447
Wooden boxes (except cigar boxes)	365,290	190,745
Cooperage	106,379	75,029
Miscellaneous wood products:		
Wood preserving	303,957	211,916
Lasts and related products	13,129	4,192
Mirror and picture frames	25,555	10,049
Wood products, n. e. c.	276,875	132,842
Household furniture:		
Wood house furniture, except upholstered	905,326	412,588
Household furniture, upholstered	381,053	188,623
Reed and rattan furniture	6,393	2,696
Metal house furniture, except upholstered	190,215	95,704
Mattresses and bedsprings	331,079	185,029
Household furniture, n. e. c.	7,637	3,596
Office furniture:		
Wood office furniture	48,518	21,679
Metal office furniture	128,394	47,522
Public and professional furniture:		
Public building furniture	65,376	27,744
Professional furniture	44,601	17,135
Partitions and fixtures	244,418	107,575
Screens, shades, and blinds:		
Window and door screens	91,126	46,710
Window shades	81,472	46,628
Venetian blinds	83,753	46,617
Miscellaneous furniture and fixtures:		
Restaurant furniture	26,233	11,032
Furniture and fixtures, n. e. c.	5,382	2,190
Pulp, paper, and paperboard:		
Pulp mills	939,604	523,666
Paper and board mills	2,812,048	1,761,940
Paper coating and glazing	352,337	225,497
Envelopes	128,346	60,093
Paper bags	320,458	201,193
Paperboard containers and boxes:		
Paperboard boxes	1,475,438	842,169
Fiber cans, tubes, drums, etc.	74,812	37,954
Pulp goods and miscellaneous paper products:		
Die-cut paper and board	89,196	42,241
Wallpaper	58,895	26,163
Pulp goods, pressed and molded	16,191	6,519
Converted paper products, n. e. c.	784,160	449,092
Newspapers	1,917,302	518,578
Periodicals	1,085,616	420,984
Books: publishing and printing	463,851	200,948
Book printing	86,723	29,064
Miscellaneous publishing	103,343	31,192
Commercial printing	1,521,655	543,969
Lithographing	487,634	174,172
Greeting cards	123,856	42,805
Bookbinding and related industries:		
Bookbinding	115,963	25,704
Blankbook making and paper ruling	60,324	23,702
Loose-leaf binders and devices	58,001	21,204
Misc. bookbinding work	17,185	3,719
Printing trades service industries:		
Typesetting	75,703	8,861
Engraving and plate printing	45,311	12,217
Photoengraving	133,540	17,409
Electrotyping and stereotyping	58,984	11,047

For footnotes, see p. 775.

No. 917.—Manufactures—Value of Products Shipped and Cost of Materials, by Industry: 1947—Continued

[In thousands of dollars]

INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity, and contract work
Industrial inorganic chemicals:		
Alkalines and chlorine	208,560	94,692
Inorganic chemicals, n. e. c.	672,645	331,814
Industrial organic chemicals:		
Cyclic (coal-tar) crudes	60,639	43,568
Plastics materials	483,461	283,120
Synthetic rubber	235,200	137,844
Synthetic fibers	705,271	262,615
Explosives	136,356	61,650
Organic chemicals, n. e. c.	1,445,210	731,180
Drugs and medicines:		
Biological products	38,752	18,811
Botanical products	16,395	7,386
Medicinal chemicals	201,761	91,245
Pharmaceutical preparations	941,713	332,609
Soap and related products:		
Soap and glycerin	1,085,789	640,424
Cleaning and polishing preparations	261,565	126,854
Sulfonated oils and assistants	51,506	31,268
Paints and allied products:		
Paints and varnishes	1,248,841	779,257
Inorganic color pigments	269,970	175,312
Whiting and fillers	18,791	9,796
Gum and wood chemicals:		
Hardwood distillation	13,725	6,235
Softwood distillation	72,999	26,935
Gum naval stores (steam distilled)	38,508	36,397
Natural tanning and dyeing materials	18,344	11,567
Fertilizers:		
Fertilizers	311,657	197,049
Fertilizers (mixing only)	192,848	136,271
Vegetable and animal oils:		
Cottonseed-oil mills	518,091	413,488
Linseed-oil mills	192,173	149,930
Soybean-oil mills	585,709	480,418
Vegetable-oil mills, n. e. c.	334,231	256,722
Marine animal oils	31,265	16,232
Grease and tallow	304,535	187,521
Fatty acids	68,094	50,943
Animal oils, n. e. c.	11,675	9,859
Miscellaneous chemical products:		
Printing ink	115,708	63,759
Essential oils	35,739	21,262
Toilet preparations	371,892	145,020
Glue and gelatin	99,262	54,327
Carbon black	73,592	28,345
Compressed and liquefied gases	93,489	26,656
Insecticides and fungicides	73,068	42,947
Salt	46,056	20,859
Chemical products, n. e. c.	393,242	199,806
Petroleum refining	6,623,708	5,129,234
Coke and byproducts:		
Beehive coke ovens	70,237	48,576
Byproduct coke ovens	970,634	714,065
Paving and roofing materials:		
Paving mixtures and blocks	50,187	27,384
Roofing felts and coatings	338,477	205,625
Miscellaneous petroleum and coal products:		
Fuel briquets and packaged fuel	32,862	23,769
Lubricants, n. e. c.	175,001	105,566
Petroleum and coal products, n. e. c.	15,161	6,741
Rubber products:		
Tires and inner tubes	1,547,040	944,215
Rubber footwear	198,691	80,607
Reclaimed rubber	17,263	8,049
Rubber industries, n. e. c.	953,453	441,234
Leather and leather products:		
Leather tanning and finishing	1,070,085	666,302
Industrial leather belting	57,403	29,028
Footwear cut stock	294,309	206,560
Footwear, except rubber	1,716,980	970,985
House slippers	77,017	37,469
Leather dress gloves	47,308	22,521
Leather work gloves	15,530	7,937
Luggage	134,173	66,095
Handbags and purses	161,919	85,333
Small leather goods	37,649	18,159
Saddlery, harness, and whips	20,459	11,022
Leather goods, n. e. c.	41,017	18,718
Flat glass	242,805	68,818
Pressed and blown glassware:		
Glass containers	422,614	191,961
Pressed and blown glassware, n. e. c.	234,795	69,863
Products of purchased glass	199,828	81,300
Cement, hydraulic	408,928	160,992
Structural clay products:		
Brick and hollow tile	144,407	37,640
Floor and wall tile	40,966	10,684
Sewer pipe	47,854	11,702
Clay refractories	109,369	35,296
Structural clay prod., n. e. c.	28,814	6,757
Pottery and related products:		
Vitreous plumbing fixtures	68,093	22,416
Vitreous-china food utensils	43,196	7,968
Earthenware food utensils	72,054	17,217
Porcelain electrical supplies	71,484	18,652
China decorating for the trade	8,377	3,234
Pottery products, n. e. c.	39,927	8,852
Concrete and plaster products:		
Concrete products	329,734	126,945
Gypsum products	127,543	59,664
Lime	72,842	33,589
Mineral wool	73,131	36,291
Cut-stone and stone products	67,253	21,313
Miscellaneous nonmetallic mineral products:		
Abrasive products	223,386	97,391
Asbestos products	204,686	97,660
Gaskets and asbestos insulations	118,244	52,919
Graphite: ground or blended	8,996	4,051
Minerals: ground or treated	81,502	30,444
Sand-lime products	1,730	544
Nonclay refractories	90,337	35,774
Statuary and art goods	9,998	2,607
Nonmetallic mineral products, n. e. c.	40,616	20,471
Blast furnaces and steel mills:		
Blast furnaces	1,713,945	1,385,885
Steel works and rolling mills	(1)	(1)
Electrometallurgical products	150,904	95,411
Iron and steel foundries:		
Gray-iron foundries	1,172,671	440,024
Malleable-iron foundries	184,400	62,739
Steel foundries	413,094	145,880

For footnotes, see p. 775.

No. 917.—Manufactures—Value of Products Shipped and Cost of Materials, by Industry: 1947—Continued

[In thousands of dollars]

INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity and contract work
Primary nonferrous metals:		
Primary copper	(1)	(1)
Primary lead	(1)	(1)
Primary zinc	190,996	113,928
Primary aluminum	161,010	95,748
Primary nonferrous metals, n. e. c.	22,182	9,429
Secondary nonferrous metals	724,027	604,360
Nonferrous metal rolling and drawing:		
Copper rolling and drawing	1,063,658	761,066
Aluminum rolling and drawing	404,766	254,069
Nonferrous metal rolling, n. e. c.	193,090	143,016
Nonferrous foundries	562,137	266,303
Miscellaneous primary metal industries:		
Iron and steel forgings	370,097	172,986
Wire drawing	912,095	597,307
Welded and heavy-riveted pipe	218,875	129,261
Primary metal industries, n. e. c.	339,663	201,021
Tin cans and other tinware	679,860	447,907
Cutlery, hand tools, and hardware:		
Cutlery	142,571	37,738
Edge tools	62,438	21,966
Hand tools, n. e. c.	272,543	98,003
Files	24,493	5,344
Hand saws and saw blades	70,430	27,455
Hardware, n. e. c.	578,269	231,812
Heating and plumbing equipment:		
Metal plumbing fixtures	291,907	135,963
Oil burners	106,781	62,393
Heating and cooking apparatus, n. e. c.	1,134,085	544,893
Structural metal products:		
Structural and ornamental products	864,435	423,734
Metal doors, sash, and trim	206,088	88,446
Boiler shop products	704,547	345,783
Sheet-metal work	424,305	197,859
Metal stamping and coating:		
Vitreous-enameled products	74,382	29,266
Metal stampings	1,164,299	521,816
Enameling and lacquering	23,868	7,230
Galvanizing	27,111	11,815
Engraving on metal	20,543	4,291
Plating and polishing	176,492	51,104
Lighting fixtures	474,759	227,140
Fabricated wire products:		
Nails and spikes	30,038	14,317
Wirework, n. e. c.	464,625	198,199
Miscellaneous fabricated metal products:		
Metal barrels, drums, and pails	173,060	108,941
Safes and vaults	29,216	9,782
Steel springs	92,646	46,770
Bolts, nuts, washers, and rivets	463,752	178,301
Screw-machine products	220,542	76,689
Collapsible tubes	26,997	10,055
Metal foil	54,638	33,199
Fabricated metal products, n. e. c.	73,205	33,238
Steam engines and turbines	129,921	48,974
Internal-combustion engines	683,537	356,385
Tractors	890,841	558,779
Farm machinery, exc. tractors	888,638	466,938
Construction and mining machinery	926,712	456,580
Oil-field machinery and tools	288,853	117,588
Metalworking machinery:		
Machine tools	501,882	153,917
Metalworking machinery, n. e. c.	520,182	217,340
Cutting tools, jigs, fixtures, etc.	623,827	143,452
Special-industry machinery, n. e. c.:		
Food-products machinery	326,416	135,202
Textile machinery	403,385	146,949
Woodworking machinery	145,326	58,966
Paper-industries machinery	151,085	69,727
Printing-trades machinery	198,763	67,138
Special-industry machinery, n. e. c.	550,999	202,434
General industrial machinery:		
Pumps and compressors	552,507	270,031
Elevators and escalators	101,815	33,201
Conveyors	248,407	104,892
Blowers and fans	140,716	56,287
Industrial trucks and tractors	162,603	80,814
Power-transmission equipment	431,751	148,104
Industrial furnaces and ovens	75,354	36,364
Mechanical stokers	38,834	16,622
General industrial machinery, n. e. c.	315,352	131,795
Office and store machines:		
Computing and related machines	293,469	62,262
Typewriters	153,924	32,539
Scales and balances	54,542	19,776
Office and store machines, n. e. c.	175,800	59,304
Service and household machines:		
Domestic laundry equipment	442,297	280,539
Laundry and dry-cleaning machines	94,361	40,626
Sewing machines	97,011	28,880
Vacuum cleaners	160,184	74,994
Refrigeration machinery	(1)	(1)
Measuring and dispensing pumps	125,052	60,439
Service and household machines, n. e. c.	130,894	65,791
Miscellaneous machinery parts:		
Valves and fittings, exc. plumbers'	637,463	243,603
Fabricated pipe and fittings	115,976	57,190
Ball and roller bearings	365,584	106,523
Machine shops	410,264	138,394
Electrical industrial apparatus:		
Wiring devices and supplies	378,099	164,503
Carbon and graphite products	68,745	28,527
Electrical measuring instruments	153,380	49,434
Motors and generators	1,007,186	437,680
Transformers	356,968	162,085
Electrical control apparatus	628,283	233,108
Electrical welding apparatus	103,712	46,402
Electrical industrial apparatus, n. e. c.	74,821	33,515
Electrical appliances	466,009	236,286
Insulated wire and cable	301,116	197,394
Engine electrical equipment	353,339	156,988
Electric lamps	203,248	82,904

For footnotes, see p. 775.

No. 917.—Manufactures—Value of Products Shipped and Cost of Materials, by Industry: 1947—Continued

[In thousands of dollars]

INDUSTRY	Value of products shipped	Cost of materials, fuel, electricity and contract work
Communication equipment:		
Radios and related products	(1)	(1)
Electronic tubes	124, 518	35, 539
Phonograph records	110, 184	38, 951
Telephone and telegraph equipment	689, 182	304, 765
Communication equipment, n. e. c.	69, 592	22, 825
Miscellaneous electrical products:		
Storage batteries	297, 654	183, 408
Primary batteries (dry and wet)	85, 045	39, 770
X-ray and therapeutic apparatus	59, 518	20, 473
Electrical products, n. e. c.	91, 166	42, 380
Motor vehicles and equipment:		
Motor vehicles and parts	(1)	(1)
Truck and bus bodies	242, 297	114, 868
Truck trailers	150, 853	85, 596
Automobile trailers	134, 973	85, 987
Aircraft and parts:		
Aircraft	(1)	(1)
Aircraft engines	463, 403	212, 245
Aircraft propellers	(1)	(1)
Aircraft equipment, n. e. c.	106, 547	35, 798
Ships and boats:		
Shipbuilding and repairing	798, 944	281, 440
Boat building and repairing	117, 991	48, 937
Railroad equipment:		
Locomotives and parts	354, 706	212, 229
Railroad and street cars	725, 847	452, 717
Motorcycles and bicycles	163, 670	90, 832
Transportation equipment, n. e. c.	46, 790	26, 248
Instruments and related products:		
Scientific instruments	126, 703	43, 693
Mechanical measuring instruments	376, 473	131, 329
Optical instruments and lenses	36, 081	9, 338
Surgical and medical instruments	45, 121	14, 907
Surgical appliances and supplies	251, 396	139, 870
Dental equipment and supplies	71, 102	28, 177
Ophthalmic goods	120, 314	38, 784
Photographic equipment	440, 134	175, 350
Watches and clocks	341, 199	171, 725
Instruments and related products—Continued		
Watchcases	44, 494	19, 508
Miscellaneous manufactures:		
Jewelry (precious metal)	248, 185	107, 707
Jewelers' findings	73, 530	43, 816
Lapidary work	30, 269	19, 409
Silverware and plated ware	219, 131	97, 324
Pianos	55, 086	24, 835
Organs	12, 372	7, 182
Piano and organ parts	19, 865	6, 918
Musical instruments, n. e. c.	31, 366	9, 244
Games and toys, n. e. c.	181, 939	76, 525
Dolls	69, 786	32, 209
Children's vehicles	85, 831	41, 627
Sporting and athletic goods	202, 462	94, 930
Pens and mechanical pencils	147, 368	57, 471
Lead pencils and crayons	45, 037	21, 404
Hand stamps and stencils	28, 058	8, 011
Artists' materials	13, 298	7, 330
Carbon paper and inked ribbons	48, 636	25, 021
Costume jewelry	170, 204	63, 070
Artificial flowers	39, 463	15, 650
Buttons	58, 916	24, 560
Needles, pins, and fasteners	147, 221	49, 929
Plastics products, n. e. c.	503, 049	213, 455
Brooms and brushes	179, 811	92, 523
Cork products	30, 077	18, 420
Matches	56, 657	25, 355
Candles	17, 906	8, 995
Fireworks and pyrotechnics	15, 219	6, 593
Jewelry and instrument cases	45, 112	18, 652
Lamp shades	27, 499	12, 831
Morticians' goods	188, 829	96, 434
Beauty and barber-shop equipment	32, 144	14, 304
Furs, dressed and dyed	52, 701	9, 747
Signs and advertising displays	206, 356	75, 902
Hair work	8, 151	3, 771
Umbrellas, parasols, and canes	34, 348	18, 927
Tobacco pipes	19, 325	5, 587
Soda-fountain and bar equipment	31, 504	15, 250
Models and patterns (except paper)	12, 101	3, 528
Small arms	57, 067	13, 596
Small-arms ammunition	77, 660	36, 820
Miscellaneous products, n. e. c.	182, 943	91, 231

[1] Data not compiled for these items because they contain a substantial amount of duplication arising because certain plants classified in this industry make products which are used as materials by other plants also classified in the industry.

[2] Includes data for shingle mills.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 918.—Manufactures—Selected Statistics for Geographic Divisions, by Major Industry Groups: 1947 and 1939

[**Value added figures in thousands of dollars.** Figures for 1939 adjusted for comparability with 1947. In cases where figures for a geographic division cannot be given separately without disclosing data for individual companies, they have been combined with the figures for one or more other geographic divisions. In such cases, a (d) appears in each column where a figure has been omitted and the combined figures appear, printed in italics, in the column of the last geographic division included in the combination (reading from left to right). As a result, whenever the figures for a geographic division appear in italics, or the symbol d has been substituted, the major industry groups will not add to the printed "All industries, total" for that geographic division]

INDUSTRY GROUP	UNITED STATES			NEW ENGLAND		
	Value added by manufacture	Production workers (average for the year)		Value added by manufacture	Production workers (average for the year)	
	1947	1947	1939	1947	1947	1939
All industries, total	**74,425,825**	**11,916,188**	**7,808,205**	**6,813,800**	**1,248,325**	**947,412**
Food and kindred products	9,024,912	1,099,478	802,133	364,696	50,639	44,146
Tobacco manufactures	641,356	103,289	87,525	3,957	1,270	1,343
Textile mill products	5,340,876	1,147,194	1,081,710	1,245,559	260,695	260,557
Apparel and related products	4,443,373	972,897	752,829	279,981	66,909	61,078
Lumber and products, (except furniture)	2,497,192	596,118	422,947	115,905	31,300	20,899
Furniture and fixtures	1,377,908	282,780	189,382	74,619	15,609	12,072
Paper and allied products	2,874,958	388,901	270,239	397,013	60,020	46,062
Printing and publishing industries	4,269,416	438,135	324,371	281,179	36,127	29,145
Chemicals and allied products	5,365,201	466,458	275,669	216,910	20,123	12,174
Petroleum and coal products	2,015,307	169,610	107,695	33,818	2,985	2,734
Rubber products	1,302,863	214,533	120,740	222,783	37,502	26,661
Leather and leather products	1,532,803	348,529	327,189	453,639	98,770	106,992
Stone, clay, and glass products	2,306,480	405,755	267,094	108,475	17,508	11,399
Primary metal industries	5,765,434	1,010,055	672,438	288,198	52,924	37,764
Fabricated metal products	4,921,476	822,514	451,087	506,176	91,868	57,477
Machinery (except electrical)	7,812,455	1,244,135	536,082	933,120	164,096	82,766
Electrical machinery	3,894,115	639,147	247,930	451,266	77,337	35,486
Transportation equipment	5,869,196	987,142	544,553	206,974	38,997	21,515
Instruments and related products	1,080,336	181,939	84,867	165,832	31,335	19,123
Miscellaneous manufactures	2,090,168	397,579	241,725	463,700	92,311	57,989

INDUSTRY GROUP	MIDDLE ATLANTIC			EAST NORTH CENTRAL		
	Value added by manufacture	Production workers (average for the year)		Value added by manufacture	Production workers (average for the year)	
	1947	1947	1939	1947	1947	1939
All industries, total	**20,790,626**	**3,245,879**	**2,234,295**	**23,473,563**	**3,565,172**	**2,180,600**
Food and kindred products	1,918,175	214,717	171,502	2,382,765	269,334	206,413
Tobacco manufactures	103,666	25,180	29,102	(d)	(d)	(d)
Textile mill products	1,376,829	264,744	274,062	206,617	40,585	44,680
Apparel and related products	2,695,194	531,551	408,970	505,872	111,348	106,396
Lumber and products (except furniture)	142,924	33,886	22,041	260,060	57,371	45,597
Furniture and fixtures	298,219	55,643	37,169	510,622	97,312	67,078
Paper and allied products	733,898	104,757	74,415	776,060	106,049	78,281
Printing and publishing industries	1,576,511	138,372	104,998	1,169,861	128,160	96,964
Chemicals and allied products	1,655,359	141,507	89,583	1,356,796	102,867	54,744
Petroleum and coal products	515,591	43,054	28,543	431,152	39,607	26,098
Rubber products	210,499	33,855	21,240	588,746	102,937	58,360
Leather and leather products	469,152	100,971	91,807	318,894	67,937	67,490
Stone, clay, and glass products	691,541	122,245	81,584	688,262	115,869	82,277
Primary metal industries	1,804,246	330,947	243,910	2,416,939	418,142	264,679
Fabricated metal products	1,205,294	207,371	117,383	2,159,830	344,637	185,920
Machinery (except electrical)	1,678,754	270,525	115,748	4,013,422	616,615	266,807
Electrical machinery	1,362,157	220,932	93,435	1,634,719	268,529	99,146
Transportation equipment	944,560	163,300	89,644	3,283,208	537,195	349,403
Instruments and related products	589,537	91,905	44,797	(d)	(d)	(d)
Miscellaneous manufactures	818,520	150,417	94,362	499,884	93,779	57,846

d Disclosure; see headnote.

No. 918.—Manufactures—Selected Statistics for Geographic Divisions, by Major Industry Groups: 1947 and 1939—Continued

[Value added figures in thousands of dollars]

INDUSTRY GROUP	WEST NORTH CENTRAL			SOUTH ATLANTIC		
	Value added by manufacture	Production workers (average for the year)		Value added by manufacture	Production workers (average for the year)	
	1947	1947	1939	1947	1947	1939
All industries, total	**4,119,409**	**635,940**	**376,156**	**6,942,054**	**1,344,444**	**977,596**
Food and kindred products	1,204,953	161,701	110,102	696,422	105,465	69,313
Tobacco manufactures	*88,071*	*7,199*	*9,591*	(d)	(d)	(d)
Textile mill products	28,279	7,494	6,504	2,021,825	461,326	395,449
Apparel and related products	187,519	48,267	36,020	327,314	92,480	65,165
Lumber and products (except furniture)	77,023	18,403	14,856	383,376	133,453	90,681
Furniture and fixtures	58,025	12,656	7,414	206,806	51,282	35,008
Paper and allied products	124,804	18,095	11,474	312,438	39,883	23,880
Printing and publishing industries	335,192	38,031	27,055	262,272	29,108	20,906
Chemicals and allied products	328,481	23,066	11,387	779,083	85,165	58,175
Petroleum and coal products	79,401	7,016	5,027	47,900	4,947	3,509
Rubber products	31,032	4,939	1,852	(d)	(d)	(d)
Leather and leather products	128,775	41,827	33,453	69,143	15,947	15,838
Stone, clay, and glass products	148,796	24,492	16,858	261,549	55,015	36,694
Primary metal industries	115,014	23,123	12,495	322,372	56,309	43,183
Fabricated metal products	232,093	37,100	19,630	207,287	38,529	22,519
Machinery (except electrical)	422,902	70,539	26,262	134,846	25,356	10,552
Electrical machinery	191,232	33,134	9,636	94,869	15,537	2,970
Transportation equipment	261,527	37,461	11,564	286,812	54,570	30,657
Instruments and related products	*260,326*	*45,759*	*17,296*	9,585	2,388	1,075
Miscellaneous manufactures	135,818	22,537	10,101	50,461	13,699	9,692

INDUSTRY GROUP	EAST SOUTH CENTRAL			WEST SOUTH CENTRAL		
	Value added by manufacture	Production workers (average for the year)		Value added by manufacture	Production workers (average for the year)	
	1947	1947	1939	1947	1947	1939
All industries, total	**2,875,428**	**558,191**	**355,096**	**3,027,709**	**456,123**	**258,882**
Food and kindred products	510,352	50,564	29,271	593,684	84,000	55,796
Tobacco manufactures	(d)	(d)	(d)	(d)	(d)	(d)
Textile mill products	368,078	92,239	81,901	43,528	11,702	11,256
Apparel and related products	132,696	47,865	31,602	98,203	28,837	16,202
Lumber and products (except furniture)	277,203	92,583	59,968	269,573	85,879	62,415
Furniture and fixtures	59,949	16,259	9,101	43,420	10,271	6,811
Paper and allied products	116,864	14,316	8,629	156,090	19,326	10,664
Printing and publishing industries	102,083	13,555	8,619	154,406	17,115	11,395
Chemicals and allied products	291,960	36,767	23,689	389,299	32,035	13,452
Petroleum and coal products	59,164	4,099	2,790	578,617	46,050	26,965
Rubber products	(d)	(d)	(d)	(d)	(d)	(d)
Leather and leather products	50,496	13,586	7,702	9,343	2,777	669
Stone, clay, and glass products	90,460	18,804	11,865	107,883	18,527	10,169
Primary metal industries	287,693	54,886	36,715	96,122	17,074	5,480
Fabricated metal products	144,419	29,326	17,071	105,190	17,445	7,430
Machinery (except electrical)	94,514	19,534	5,459	175,449	25,210	11,230
Electrical machinery	27,663	5,614	2,501	14,109	1,996	572
Transportation equipment	104,804	19,724	5,054	132,722	27,985	4,409
Instruments and related products	13,319	2,563	876	7,999	2,106	154
Miscellaneous manufactures	16,211	4,721	3,021	21,382	4,633	2,247

d Disclosure; see headnote.

No. 918.—Manufactures—Selected Statistics for Geographic Divisions, by Major Industry Groups: 1947 and 1939—Continued

[Value added figures in thousands of dollars]

INDUSTRY GROUP	MOUNTAIN			PACIFIC		
	Value added by manufacture	Production workers (average for the year)		Value added by manufacture	Production workers (average for the year)	
	1947	1947	1939	1947	1947	1939
All industries, total	**839,202**	**116,199**	**67,011**	**5,544,034**	**745,915**	**411,038**
Food and kindred products	245,359	32,182	21,396	1,108,506	130,876	94,185
Tobacco manufactures	(d)	(d)	(d)	*495,662*	*69,640*	*47,492*
Textile mill products	1,604	581	486	48,557	7,828	6,822
Apparel and related products	9,824	2,903	1,543	206,770	42,737	25,831
Lumber and products (except furniture)	101,926	19,620	12,983	869,202	123,623	93,506
Furniture and fixtures	5,761	1,393	626	120,487	22,355	14,097
Paper and allied products	4,758	668	219	253,033	25,787	16,613
Printing and publishing industries	59,857	7,187	4,757	328,055	30,480	20,529
Chemicals and allied products	39,798	3,673	1,535	307,515	21,255	10,940
Petroleum and coal products	52,093	4,224	2,427	217,571	17,628	9,601
Rubber products	(d)	(d)	(d)	*249,803*	*35,300*	*12,624*
Leather and leather products	4,811	1,111	389	28,550	5,603	2,848
Stone, clay, and glass products	31,891	5,530	3,126	177,623	27,765	13,115
Primary metal industries	175,735	20,523	12,405	259,115	36,127	15,790
Fabricated metal products	22,460	3,561	1,291	338,727	52,677	22,356
Machinery (except electrical)	29,966	4,966	1,600	329,482	47,294	15,623
Electrical machinery	1,864	401	41	116,236	15,667	4,137
Transportation equipment	4,811	871	178	643,778	107,039	32,097
Instruments and related products	1,902	318	77	31,836	5,565	1,462
Miscellaneous manufactures	(d)	(d)	(d)	*84,192*	*15,482*	*6,466*

d Disclosure; see headnote.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 919.—Manufactures—General Statistics, by States: 1947 and 1939

[Money figures in thousands of dollars. See general note, p. 751]

Division and state	1947						1939[3]	
	Number of establishments	All employees[1]		Production workers		Value added by manufacture[2]	Number of production workers (average for year)	Value added by manufacture[2]
		Number (average for year)	Salaries and wages, total	Number (average for year)	Wages, total			
United States	**240,881**	**14,294,304**	**39,689,527**	**11,916,188**	**30,242,343**	**74,425,825**	**7,808,205**	**24,487,304**
New England	**20,274**	**1,474,684**	**3,941,011**	**1,248,325**	**3,054,119**	**6,813,800**	**947,412**	**2,414,268**
Maine	1,635	100,181	233,994	90,378	199,204	432,123	74,040	150,588
New Hampshire	1,124	74,752	177,479	66,448	145,324	306,932	55,434	104,453
Vermont	830	34,872	83,021	30,239	66,400	149,685	20,498	49,741
Massachusetts	10,524	718,441	1,923,141	601,603	1,464,047	3,370,094	458,372	1,181,465
Rhode Island	2,214	146,850	374,582	128,130	297,599	658,420	106,089	237,698
Connecticut	3,947	399,588	1,148,794	331,527	881,545	1,896,546	232,979	690,323
Middle Atlantic	**75,363**	**3,953,738**	**11,412,746**	**3,245,879**	**8,513,460**	**20,790,626**	**2,234,295**	**7,308,780**
New York	47,819	1,775,975	5,279,686	1,424,705	3,815,374	9,666,588	949,362	3,313,649
New Jersey	10,755	738,229	2,214,159	601,748	1,644,207	4,177,080	431,562	1,518,269
Pennsylvania	16,789	1,439,534	3,918,901	1,219,426	3,053,879	6,946,958	853,371	2,476,862
East North Central	**50,570**	**4,317,892**	**13,007,601**	**3,565,172**	**9,935,496**	**23,473,563**	**2,180,600**	**7,744,406**
Ohio	12,303	1,194,603	3,560,075	988,446	2,727,481	6,359,006	595,520	2,116,434
Indiana	5,408	548,346	1,587,518	457,582	1,236,558	2,977,508	275,272	964,746
Illinois	15,988	1,184,820	3,585,093	954,415	2,627,318	6,680,137	590,995	2,187,240
Michigan	9,892	973,675	3,090,668	821,721	2,438,027	5,196,338	520,165	1,794,016
Wisconsin	6,979	416,448	1,184,247	343,008	906,112	2,260,574	198,648	681,970
West North Central	**17,403**	**785,064**	**2,063,739**	**635,940**	**1,508,105**	**4,119,409**	**376,156**	**1,348,167**
Minnesota	4,567	179,986	501,355	145,153	358,863	1,022,586	78,023	306,840
Iowa	2,965	140,425	372,339	112,490	275,454	671,100	64,773	243,390
Missouri	5,725	327,515	827,184	269,711	607,404	1,623,145	175,983	581,804
North Dakota	362	5,218	12,341	3,823	8,490	29,461	2,605	10,984
South Dakota	494	10,265	25,796	8,062	19,193	51,398	5,421	19,619
Nebraska	1,344	47,031	119,923	37,338	87,432	260,658	18,416	68,139
Kansas	1,946	74,624	204,801	59,363	151,269	461,061	30,935	117,391
South Atlantic	**24,001**	**1,523,495**	**3,370,875**	**1,344,444**	**2,709,342**	**6,942,054**	**977,596**	**2,216,976**
Delaware	482	34,465	92,183	29,014	70,007	182,088	19,825	54,085
Maryland	2,824	228,552	612,034	188,638	458,243	1,138,407	140,930	420,589
Dist. of Columbia	428	17,815	55,872	10,007	27,691	99,067	7,676	43,367
Virginia	3,644	216,637	483,994	190,035	384,441	1,051,629	132,089	376,259
West Virginia	1,602	127,353	337,869	108,984	268,469	663,903	74,411	213,284
North Carolina	5,322	381,480	758,895	350,207	641,966	1,646,673	269,238	544,181
South Carolina	2,137	188,601	376,964	175,724	330,465	794,312	126,408	169,294
Georgia	4,754	249,926	484,246	225,807	399,820	1,015,999	155,870	280,032
Florida	2,808	78,666	168,818	66,028	128,240	349,976	51,149	115,885
East South Central	**10,907**	**633,765**	**1,360,231**	**558,191**	**1,093,293**	**2,875,428**	**355,096**	**823,101**
Kentucky	2,244	129,504	304,668	110,602	235,989	740,772	62,481	186,485
Tennessee	3,346	221,454	473,211	192,367	369,920	957,539	131,024	318,378
Alabama	3,335	206,136	444,647	185,645	372,404	876,933	115,698	245,577
Mississippi	1,982	76,671	137,705	69,577	114,980	300,184	45,893	72,661
West South Central	**13,181**	**550,241**	**1,333,054**	**456,123**	**995,239**	**3,027,709**	**258,882**	**815,276**
Arkansas	1,924	65,321	124,167	58,254	101,869	265,144	35,672	66,444
Louisiana	2,389	132,464	309,871	111,553	229,673	694,074	70,453	198,527
Oklahoma	1,740	55,403	143,605	44,302	105,277	341,027	27,642	101,782
Texas	7,128	297,053	755,411	242,014	558,420	1,727,464	125,115	448,523
Mountain	**5,049**	**141,638**	**379,900**	**116,199**	**293,601**	**839,202**	**67,011**	**269,381**
Montana	652	16,092	43,481	13,606	35,350	92,258	8,802	38,828
Idaho	664	16,907	45,748	14,602	37,904	109,694	9,854	29,788
Wyoming	256	5,607	16,696	4,285	12,291	34,957	3,351	15,336
Colorado	1,602	54,071	144,207	44,153	109,734	286,774	23,388	90,330
New Mexico	432	7,590	18,222	6,349	14,173	55,486	3,219	8,640
Arizona	545	14,188	39,333	11,167	29,680	103,958	5,905	31,625
Utah	772	24,516	63,804	19,973	48,053	128,298	11,467	43,341
Nevada	126	2,667	8,409	2,064	6,416	27,777	1,025	11,493
Pacific	**24,133**	**913,787**	**2,820,370**	**745,915**	**2,139,688**	**5,544,034**	**411,038**	**1,546,957**
Washington	3,410	144,324	438,020	123,488	354,596	874,036	82,261	267,716
Oregon	3,075	105,591	317,827	92,144	265,837	675,017	57,487	156,696
California	17,648	663,872	2,064,523	530,283	1,519,255	3,994,981	271,290	1,122,545

[1] Includes all full-time and part-time production and related workers, force-account construction workers, clerical and routine office workers, administrative, supervisory, sales, technical, and all other personnel on pay rolls of manufacturing establishments. Excludes employees of central administrative offices operated by concerns having 2 or more manufacturing establishments. Wages and salaries represent gross earnings of employees including commissions, dismissal pay, nonproduction bonuses, vacation and sick leave pay, and compensation in kind, and prior to such deductions as employees' social security contributions, withholding taxes, group insurance, union dues, and savings bonds.

[2] Value of products less cost of materials, supplies, fuel, electricity, and contract work.

[3] Figures will not add to totals because of rounding.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 920.—Manufactures—General Statistics for Standard Metropolitan Areas: 1947 and 1939

[**Money figures in thousands of dollars.** Data cover standard metropolitan areas having 40,000 or more manufacturing employees in 1947. These areas replace industrial areas shown in earlier censuses. Industrial areas, as defined in previous years, were groups of contiguous counties having large numbers of manufacturing wage earners. Present standard metropolitan areas are integrated economic and social entities which contain not only highly industrialized counties, but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. The 53 areas presented in this table represent a part of a larger list of standard metropolitan areas recently established by the Federal Government for the use of all Government statistical collection agencies. Standard metropolitan areas are composed of whole counties in all parts of the U. S., with the exception of New England where they are composed of towns. For definition of each area, see 1947 Census of Manufactures preliminary report, series MC 100-3 or final report, Vol. III]

Area	1947 (preliminary)						1939	
	Number of establishments	All employees [1]		Production workers		Value added by manufacture [2]	Number of production workers (average for the year)	Value added by manufacture [2]
		Number (average for the year)	Salaries and wages, total	Number (average for the year)	Wages, total			
United States	240,881	14,294,304	39,689,527	11,916,188	30,242,343	74,425,825	7,808,205	24,487,304
Standard metropolitan areas, total	**135,205**	**8,513,438**	**25,510,924**	**6,926,142**	**18,955,595**	**46,312,425**	**4,490,085**	**15,785,979**
Akron	482	94,011	284,302	75,289	215,444	460,327	40,114	166,444
Albany-Schenectady-Troy	599	70,839	202,484	55,023	146,122	322,172	36,217	126,192
Allentown-Bethlehem-Easton	898	88,539	222,094	76,285	177,416	360,314	59,181	158,236
Atlanta	872	49,034	112,049	40,505	80,889	237,012	27,692	81,633
Baltimore	1,785	170,062	482,643	138,810	359,340	899,534	105,786	342,465
Birmingham	530	53,295	137,845	44,748	106,619	275,326	28,774	105,409
Boston	5,406	271,273	752,788	215,294	530,965	1,391,157	157,230	508,099
Bridgeport	585	70,127	203,592	56,014	151,927	342,780	34,348	104,596
Buffalo	1,694	183,876	557,384	149,758	425,314	1,023,231	90,244	391,785
Canton	385	55,564	158,649	47,600	128,551	280,241	28,854	107,807
Chicago	12,284	945,326	2,990,068	756,115	2,175,307	5,529,062	478,126	1,896,111
Cincinnati	1,700	135,774	382,935	108,476	274,717	777,201	72,401	268,017
Cleveland	3,258	268,750	866,849	218,929	645,539	1,546,117	129,358	504,992
Columbus (Ohio)	679	54,877	153,462	42,363	105,356	277,809	25,309	90,049
Dayton	638	95,347	308,299	79,433	240,266	496,380	40,200	164,963
Detroit	4,765	555,788	1,846,606	466,922	1,451,803	2,910,650	315,221	1,037,575
Erie	368	46,285	134,693	38,076	103,640	224,906	19,216	72,110
Fall River-New Bedford	588	62,572	142,422	57,379	122,624	244,346	48,127	72,661
Flint	214	55,159	171,859	47,887	141,033	324,507	33,072	133,499
Grand Rapids	694	49,241	147,276	41,961	114,990	255,255	23,882	71,736
Hartford	584	63,790	189,160	52,014	142,678	300,353	31,588	118,126
Houston	916	58,606	182,282	46,001	131,512	385,549	22,600	106,608
Indianapolis	944	92,649	279,361	73,168	198,676	484,860	38,705	138,633
Kansas City	1,345	78,645	218,827	61,698	156,340	469,504	38,085	147,655
Los Angeles	9,770	358,772	1,118,344	281,806	797,090	2,052,671	127,425	517,671
Louisville	743	73,791	196,864	60,827	146,607	488,956	35,009	128,466
Milwaukee	1,963	177,202	535,089	141,172	396,832	973,935	79,473	287,667
Minneapolis-St. Paul	2,117	118,824	346,278	93,966	239,110	714,565	48,710	203,011
New Britain-Bristol	299	45,708	132,524	38,507	105,823	205,103	23,564	65,681
New Haven	577	41,503	115,374	34,395	86,140	188,528	24,528	69,883
New Orleans	724	45,363	105,210	37,932	78,201	222,995	25,509	80,710
New York-Northeastern N. J.	48,304	1,604,184	4,932,996	1,274,357	3,495,956	9,322,683	867,953	3,126,135
Peoria	278	42,511	123,726	34,492	94,376	280,670	18,875	85,046
Philadelphia	7,399	532,492	1,530,946	437,553	1,140,317	2,803,106	320,627	1,037,292
Pittsburgh	2,228	337,974	1,023,913	284,017	807,132	1,707,918	191,278	640,908
Portland (Oregon)	1,297	51,643	153,747	42,675	119,893	315,073	25,017	79,875
Providence	2,363	152,845	392,583	132,506	309,014	689,048	95,411	218,331
Reading	617	53,423	136,503	46,756	111,376	230,962	40,537	83,782
Rochester	910	104,997	307,821	80,735	218,838	510,225	50,898	207,730
St. Louis	2,960	244,490	664,733	200,098	490,936	1,296,471	126,416	461,772
San Francisco-Oakland	3,672	163,641	526,747	131,161	393,346	1,049,490	76,044	361,966
Seattle	1,222	54,786	171,256	44,682	129,938	265,458	23,581	83,804
South Bend	259	44,139	144,419	37,158	117,504	234,908	20,819	71,555
Springfield-Holyoke	831	81,598	233,624	67,366	177,556	371,902	38,504	114,584
Syracuse	512	54,563	158,093	43,328	116,729	275,257	25,563	82,777
Toledo	627	69,599	221,562	56,730	167,461	390,032	30,542	111,138
Trenton	402	40,422	113,283	34,094	88,389	208,485	25,287	72,054
Utica-Rome	429	50,563	139,504	43,854	113,258	231,009	32,263	79,945
Waterbury	295	43,388	125,719	36,386	96,557	206,291	28,537	81,371
Wheeling-Steubenville	343	51,751	147,020	46,484	125,513	259,509	41,228	100,873
Worcester	702	53,251	153,583	43,525	114,474	241,917	32,033	99,796
York	597	41,932	100,709	35,569	76,540	180,358	27,114	66,435
Youngstown	552	108,654	330,825	94,263	273,621	567,307	63,010	200,320

[1] Includes all full-time and part-time production and related workers, force-account construction workers, clerical and routine office workers, administrative, supervisory, sales, technical, and all other personnel on the pay rolls of manufacturing establishments. Excludes employees of central administrative offices operated by concerns having 2 or more manufacturing establishments. Wages and salaries represent gross earnings of employees including commissions, dismissal pay, nonproduction bonuses, vacation and sick leave pay, and compensation in kind, and prior to such deductions as employees' social security contributions, withholding taxes, group insurance, union dues, and savings bonds.

[2] Value of products less cost of materials, supplies, fuel, electricity, and contract work.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 921.—Manufactures—Expenditures for Plant and Equipment, by Major Industry Groups: 1947 and 1939

[**In thousands of dollars.** Excludes data for certain small establishments which were not asked to report on capital expenditures. It is estimated that establishments covered by this table accounted for over 98 percent of capital expenditures made by all manufacturing establishments. Figures refer to all costs actually incurred during year chargeable to fixed assets accounts of manufacturing establishments and for which depreciation accounts are maintained. Excludes expenditures for following: Maintenance and repair, new manufacturing establishments under construction but not in operation during year, nonmanufacturing establishments owned by manufacturing concerns, and expenditures made by owners of plant and equipment leased to manufacturers]

Major industry group	1947								1939		
	Total expenditures	Expenditures for new plant and equipment						Expenditures for used plant and equipment and land	Expenditures for new plant and equipment		
		Total	New construction			New machinery and equipment			Total	New construction	New machinery and equipment
			Total	Building	Other	Total	Production machinery and equipment	Other machinery and equipment			
All industries, total	**6,627,029**	**6,003,873**	**2,122,143**	**1,501,430**	**620,713**	**3,881,730**	**3,360,406**	**521,322**	**623,156**	**1,248,078**	**391,285**	**856,793**
Food and kindred products	888,563	820,847	276,803	250,095	26,708	544,044	395,810	148,234	67,716	194,587	60,750	133,837
Tobacco manufactures	36,403	35,645	12,919	12,076	843	22,726	21,336	1,390	758	7,216	2,083	5,133
Textile mill products	386,270	367,510	104,706	93,395	11,311	262,804	246,055	16,749	18,760	84,633	16,719	67,914
Apparel and related products	91,585	83,945	22,114	19,574	2,540	61,831	50,159	11,672	7,640	14,592	3,534	11,058
Lumber and products, exc. furniture	203,444	171,574	56,048	38,381	17,667	115,526	83,386	32,140	31,870	29,905	11,853	18,052
Furniture and fixtures	82,146	77,441	26,247	22,846	3,401	51,194	45,218	5,976	4,705	10,897	3,539	7,358
Paper and allied products	424,141	406,779	117,231	99,354	17,877	289,548	270,151	19,397	17,362	65,597	17,743	47,854
Printing and publishing industries	242,525	226,368	82,143	77,341	4,802	144,225	123,905	20,320	16,157	42,713	8,583	34,130
Chemicals and allied products	893,041	810,732	279,739	183,385	96,354	530,993	470,527	60,466	82,309	116,638	30,516	86,122
Petroleum and coal products	439,521	399,754	317,440	41,570	275,870	82,314	70,897	11,417	39,767	120,672	92,231	28,441
Rubber products	117,084	109,783	30,893	25,910	4,983	78,890	75,264	3,626	7,301	27,529	3,749	23,780
Leather and leather products	34,320	31,301	8,064	7,352	712	23,237	19,593	3,644	3,019	9,349	2,612	6,737
Stone, clay, and glass products	296,457	285,066	104,378	78,705	25,673	180,688	161,711	18,977	11,391	51,358	19,056	32,302
Primary metal industries	669,853	592,177	212,687	126,410	86,277	379,490	351,227	28,263	77,676	136,785	48,679	88,106
Fabricated metal products	332,355	304,822	92,119	82,497	9,622	212,703	189,037	23,666	27,533	61,488	11,765	49,723
Machinery (except electrical)	598,260	517,589	167,396	153,519	13,877	350,193	306,832	43,361	80,671	91,557	17,669	73,888
Electrical machinery	276,078	244,606	64,874	58,600	6,274	179,732	155,800	23,932	31,472	37,060	5,511	31,549
Transportation equipment	432,590	354,974	99,514	86,996	12,518	255,460	222,126	33,334	77,616	108,250	24,940	83,310
Instruments and related products	65,721	56,000	15,313	14,573	740	40,687	34,923	5,764	9,721	16,200	4,970	11,230
Miscellaneous manufactures	116,672	106,960	31,515	28,851	2,664	75,445	66,451	8,994	9,712	21,052	4,783	16,269

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 922.—Manufactures—Expenditures for Plant and Equipment, by States: 1947 and 1939

[In thousands of dollars. See headnote, table 921]

Division and State	1947					1939		
	Total expenditures for plant and equipment	Expenditures for new plant and equipment			Expenditures for used plant and equipment and land	Expenditures for new plant and equipment		
		Total	New construction	New machinery and equipment		Total	New construction	New machinery and equipment
United States	**6,627,029**	**6,003,873**	**2,122,143**	**3,881,730**	**623,156**	**1,248,078**	**391,285**	**856,793**
New England	**475,422**	**418,580**	**115,151**	**303,429**	**56,842**	**101,853**	**22,231**	**79,622**
Maine	36,906	35,055	12,708	22,347	1,941	7,489	2,662	4,827
New Hampshire	26,076	24,010	5,994	18,016	2,066	3,280	848	2,432
Vermont	10,681	9,698	3,051	6,647	983	2,488	648	1,840
Massachusetts	215,929	198,985	52,426	146,559	16,944	46,785	9,795	36,990
Rhode Island	37,842	34,609	8,117	26,492	3,233	9,972	1,794	8,178
Connecticut	147,898	116,223	32,855	83,368	31,675	31,839	6,484	25,355
Middle Atlantic	**1,468,235**	**1,335,235**	**446,679**	**888,556**	**133,000**	**308,171**	**89,290**	**218,881**
New York	556,980	497,443	152,173	345,270	59,537	116,635	29,847	86,788
New Jersey	329,992	303,987	93,130	210,857	26,005	77,664	22,464	55,200
Pennsylvania	581,263	533,805	201,376	332,429	47,458	113,872	36,979	76,893
East North Central	**2,052,310**	**1,869,322**	**667,526**	**1,201,796**	**182,988**	**421,071**	**125,749**	**295,322**
Ohio	537,703	498,254	179,293	318,961	39,449	106,957	25,832	81,125
Indiana	320,999	302,104	145,724	156,380	18,895	69,515	31,111	38,404
Illinois	548,580	478,431	168,066	310,365	70,149	103,652	36,049	67,603
Michigan	463,694	427,746	119,254	308,492	35,948	110,197	26,142	84,055
Wisconsin	181,334	162,787	55,189	107,598	18,547	30,750	6,615	24,135
West North Central	**366,638**	**340,462**	**123,332**	**217,130**	**26,176**	**56,596**	**18,142**	**38,454**
Minnesota	89,005	82,800	29,438	53,362	6,205	11,899	3,642	8,257
Iowa	70,437	64,686	23,041	41,645	5,751	10,040	4,008	6,032
Missouri	139,499	132,166	50,531	81,635	7,333	22,297	5,589	16,708
North Dakota	2,378	2,250	859	1,391	128	583	186	397
South Dakota	3,640	3,371	1,252	2,119	269	749	259	490
Nebraska	20,154	18,402	6,472	11,930	1,752	3,682	1,179	2,503
Kansas	41,525	36,787	11,739	25,048	4,738	7,346	3,279	4,067
South Atlantic	**736,185**	**677,651**	**224,207**	**453,444**	**58,534**	**139,620**	**38,884**	**100,736**
Delaware	21,527	21,137	5,594	15,543	390	2,558	697	1,861
Maryland	136,741	123,599	49,106	74,493	13,142	24,583	7,904	16,679
District of Columbia	5,312	4,502	976	3,526	810	1,320	279	1,041
Virginia	120,137	112,383	33,902	78,481	7,754	20,190	6,085	14,105
West Virginia	93,476	82,332	27,364	54,968	11,144	23,667	4,777	18,890
North Carolina	144,388	137,583	42,812	94,771	6,805	30,148	7,636	22,512
South Carolina	66,579	61,743	20,189	41,554	4,836	10,968	2,946	8,022
Georgia	90,412	84,320	28,147	56,173	6,092	18,105	5,439	12,666
Florida	57,613	50,052	16,117	33,935	7,561	8,081	3,121	4,960
East South Central	**274,955**	**256,002**	**80,931**	**175,071**	**18,953**	**49,610**	**12,810**	**36,800**
Kentucky	84,499	77,135	27,197	49,938	7,364	9,138	2,902	6,236
Tennessee	89,362	83,792	24,356	59,436	5,570	22,774	5,064	17,710
Alabama	76,803	72,362	22,752	49,610	4,441	11,977	3,095	8,882
Mississippi	24,291	22,713	6,626	16,087	1,578	5,721	1,749	3,972
West South Central	**531,571**	**457,920**	**205,644**	**252,276**	**73,651**	**74,217**	**43,706**	**30,511**
Arkansas	33,992	30,262	11,569	18,693	3,730	4,357	1,736	2,621
Louisiana	102,437	97,210	32,597	64,613	5,227	15,807	6,617	9,190
Oklahoma	35,535	25,504	12,252	13,252	10,031	5,551	2,829	2,722
Texas	359,607	304,944	149,226	155,718	54,663	48,502	32,524	15,978
Mountain	**100,745**	**95,023**	**33,296**	**61,727**	**5,722**	**15,592**	**6,469**	**9,123**
Montana	7,788	7,446	1,708	5,738	342	3,046	1,225	1,821
Idaho	12,116	11,447	3,903	7,544	669	1,707	743	964
Wyoming	11,594	10,235	8,756	1,479	1,359	784	308	476
Colorado	33,379	32,189	8,406	23,783	1,190	6,037	2,443	3,594
New Mexico	6,181	5,431	1,810	3,621	750	993	536	457
Arizona	8,761	8,328	3,131	5,197	433	971	264	707
Utah	17,877	16,988	4,171	12,817	889	1,789	859	930
Nevada	3,049	2,959	1,411	1,548	90	265	91	174
Pacific	**620,968**	**553,678**	**225,377**	**328,301**	**67,290**	**81,348**	**34,004**	**47,344**
Washington	94,447	81,476	28,707	52,769	12,971	12,862	6,323	6,529
Oregon	72,946	61,669	23,435	38,234	11,277	9,626	3,161	6,465
California	453,575	410,533	173,235	237,298	43,042	58,860	24,510	34,350

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 923.—Inventories in Hands of Manufacturers at Beginning and End of 1947, by Major Industry Groups

[**In thousands of dollars.** Inventory statistics exclude data for industries in printing and publishing groups, small sawmills, and certain small establishments in other industries. It is estimated that for industry groups shown, figures represent 99 percent of all inventories held by them. Figures cover inventories held for account of individual manufacturing establishments and exclude inventories held for account of sales branches, central warehouses, or central administrative offices of manufacturing concerns]

Major industry group	Inventories at beginning of year			Inventories at end of year		
	Total	Finished products [1]	Materials, supplies, and work in process [2]	Total	Finished products [1]	Materials, supplies, and work in process [2]
All industries, total	**22,432,422**	**6,159,703**	**16,272,719**	**26,129,137**	**7,808,637**	**18,320,500**
Food and kindred products	3,489,199	1,522,149	1,967,050	4,078,750	1,943,108	2,135,642
Tobacco manufactures	1,033,759	391,569	642,190	1,117,664	465,754	651,910
Textile mill products	1,609,619	339,750	1,269,869	1,788,166	385,472	1,402,694
Apparel and related products	1,087,339	365,489	721,850	1,257,372	449,094	808,278
Lumber and products, exc. furniture	497,580	200,015	297,565	653,637	275,277	378,360
Furniture and fixtures	342,280	61,108	281,172	401,311	83,053	318,258
Paper and allied products	536,913	91,644	445,269	714,223	125,316	588,907
Printing and publishing industries	[3]	[3]	[3]	[3]	[3]	[3]
Chemicals and allied products	1,743,370	505,525	1,237,845	2,062,730	650,037	1,412,693
Petroleum and coal products	730,588	400,293	330,295	888,583	453,606	434,977
Rubber products	373,058	98,427	274,631	413,785	152,967	260,818
Leather and leather products	447,705	102,289	345,416	508,276	120,257	388,019
Stone, clay, and glass products	391,146	137,933	253,213	494,666	184,543	310,123
Primary metal industries	1,719,943	368,501	1,351,442	1,968,469	441,282	1,527,187
Fabricated metal products	1,254,132	233,753	1,020,379	1,500,320	315,639	1,184,681
Machinery (except electrical)	2,833,852	677,792	2,156,060	3,354,237	890,262	2,463,975
Electrical machinery	1,342,433	188,439	1,153,994	1,489,516	291,340	1,198,176
Transportation equipment	2,048,774	242,172	1,806,602	2,377,482	296,994	2,080,488
Instruments and related products	382,098	83,172	298,926	429,047	103,757	325,290
Miscellaneous manufactures	568,634	149,683	418,951	630,903	180,879	450,024

[1] Includes value of goods produced by contract work on materials owned by manufacturers reporting.
[2] Includes value of fuel and all other inventories.
[3] Data not collected.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 924.—Canned Fruit and Vegetable Products—Annual Production: 1938–39 to 1949–50

[Standard cases or dozen cans (in millions). Data are for pack years and are partly estimated]

PRODUCT	1938–39	1939–40	1940–41	1941–42	1942–43	1943–44	1944–45	1945–46	1946–47	1947–48	1948–49	1949–50
Fruits, total [1]	39.1	50.6	47.0	60.3	58.3	45.4	55.4	51.2	81.3	65.5	64.5	68.9
Apples	1.6	2.6	2.1	4.0	3.9	2.0	3.0	1.1	4.0	2.1	1.6	3.9
Applesauce	1.1	2.3	2.0	3.2	3.6	2.2	3.1	1.9	6.2	4.5	3.4	6.1
Apricots	1.7	3.4	2.2	4.3	3.3	1.3	7.8	4.4	10.7	3.3	4.8	2.4
Berries	1.3	1.3	1.3	1.9	1.4	1.0	.5	.4	.8	1.0	1.8	2.0
Cherries, red pitted	1.4	2.4	2.7	1.7	2.6	.6	2.6	1.1	2.4	1.8	2.7	2.6
Cherries, other	.7	1.0	.6	.9	1.1	.9	.9	1.3	1.8	.6	.8	1.7
Cranberries	.8	1.4	1.3	1.7	.8	1.1	.6	1.8	3.2	2.2	1.3	1.8
Figs	.3	.3	.5	.8	.8	1.0	.9	.7	1.2	.8	.6	.3
Grapefruit	3.1	3.0	2.3	3.2	.6	.6	.4	2.1	4.0	2.3	3.0	2.3
Mixed fruits	2.9	5.3	5.0	5.7	6.2	5.8	6.6	6.5	8.9	10.2	11.0	7.6
Peaches	10.2	12.0	11.3	14.4	16.2	11.6	13.6	14.8	20.0	19.0	17.4	19.1
Pears	4.7	4.6	5.5	6.6	6.2	4.7	4.5	4.7	5.2	5.7	4.0	5.9
Pineapple [2]	8.5	8.6	8.8	9.2	9.9	10.2	9.1	7.9	8.4	9.4	10.8	10.8
Plums and prunes	.7	2.3	1.3	2.5	1.7	2.4	1.8	2.5	4.2	2.3	1.0	2.1
All other	.1	.1	.1	.2	------	------	------	------	.3	(3)	(3)	(3)
Juices, total [4]	40.8	46.6	57.7	63.0	76.0	80.7	96.7	110.6	110.0	102.3	99.7	90.8
Apple	(5)	.4	.5	1.6	1.7	1.4	2.7	1.1	4.4	1.4	1.4	3.0
Apricot, peach, pear	(5)	(5)	(5)	(5)	.8	.2	.9	.2	1.5	1.5	1.6	1 5
Grape	2.5	2.5	2.5	2.3	2.9	1.6	2.0	2 5	3.4	3.4	3.5	2 8
Grapefruit	11.7	10.9	16.2	12.9	24.0	26.6	22.0	26.4	17.6	17.5	14.3	11.1
Lemon and lime	.1	.1	.3	.2	.2	(5)	(5)	.6	.4	.5	.5	4
Orange	1.5	3.6	4.1	4.8	2.9	8.3	16.8	22.6	19.7	27.3	19.3	19 0
Orange-grapefruit	.7	1.4	2.5	2.3	3.7	6.0	9.0	14.0	11.0	12.4	10.8	7.1
Pineapple	9.9	9.6	12.6	9.8	10.4	9.4	8.9	9.6	9.0	9.9	11.5	12.0
Prune	.7	.2	.2	.4	1.5	1.9	2.7	4.9	4.0	3.9	4.0	5.4
Other fruit	.6	.8	.9	1.4	.1	.2	.2	1.3	3.5	(3)	(3)	(3)
Tomato	11.2	13.7	15.1	23.4	25.1	22.5	28.4	23.4	29.2	19.5	27.8	23 5
Other vegetable	1.9	3.4	2.8	4.0	2.8	2.6	3.1	4.0	6.3	(3)	(3)	(3)
Seasonal vegetables, total [4]	103.6	91.2	110.3	143.4	169.5	147.6	134.9	139.3	149.4	122.4	120.2	127.1
Asparagus	2.9	3.0	3.6	3.5	4.5	4.2	4.3	4.5	4.6	3 8	3.6	4.4
Beans, green and wax	11.3	8.8	10.1	15.8	25.2	23.3	18.6	17.5	18 3	13 1	15.2	20 6
Beans, lima	2.8	2.7	2.9	4.0	3.0	2 0	1.7	1.6	1.7	2.2	2.5	4 4
Beets	3.9	3.0	4.5	9.0	7.3	7.2	8.7	9.5	7.0	3.4	4.5	7.4
Carrots	1.2	2.0	2.2	2.9	3.0	3.1	3.1	3.6	3.7	1.0	3.1	1.8
Corn	22.1	16.1	16.7	28.9	32.6	29.3	25.4	28.7	31.0	26.1	31.5	29.8
Greens, leafy	.4	.5	.6	.9	1.4	1.2	1.0	3.0	1.5	.9	1.7	2.5
Mixed vegetables	2.2	2.2	2.5	2.9	1.8	1.4	2.4	4.0	3.8	3.8	(3)	(3)
Peas	27.0	17.5	26.8	31.9	36.9	36.4	31.7	39.7	40.9	33.1	23.4	23.5
Pumpkin and squash	1.8	3.2	3.2	3 5	2.3	2.1	2 9	1.9	4.6	3.4	1 8	1.1
Spinach	3.2	5.0	5.5	5.5	9.9	7.7	9.0	8.4	8.4	3.9	5 0	6.7
Tomatoes	24.8	27.2	31.7	34.6	41.6	29.7	26.1	16.9	23.9	27.7	24.4	21.5
Nonseasonal vegetables, total [4]	85.7	94.8	102.3	116.7	72.1	80.5	99.7	126.3	144.7	(3)	(3)	(3)
Beans, all dry varieties	27.0	28.1	30.0	34.5	10.5	15.1	26.5	34.7	35.0			
Hominy	2.2	2.5	2.6	2.8	.6	.4	------	(6)	(6)	4.3	4.5	4.8
Sauerkraut	6.9	5.7	7.2	6.5	2.4	3.6	4.1	7.7	8.0	4.2	6 5	6.4
Spaghetti and macaroni	5.0	5.5	5.8	6.5	1.4	.1	------	(6)	(6)	(3)	(3)	(3)
Sweet potatoes	.7	.3	1.0	2.0	1.0	1.5	1.6	3.1	5.7	1.7	1 8	3.1
Soups	24.0	29.5	30.0	34.5	27.7	23.0	29.7	39.1	43.0	40.0	42.0	41.0
All other	3.9	4.8	5.4	6.5	4.0	6.5	3.0	7.3	7.0			
Beans, fresh shelled	------	------	------	------	------	.5	.4			(3)	(3)	(3)
Beans, soy	------	------	------	------	------	.8	.1					
Corn-on-cob	.5	.5	.6	.8	.2	------	------					
Mushrooms	.6	.7	.8	.9	.4	.4	.4	(6)	(6)	.7	.6	.7
Pimientos	.5	.6	.5	.3	.2	.2	.2			.5	.5	.6
White potatoes	------	------	------	------	1.3	4.3	1.6			.9	1.6	1.5
Miscellaneous	2.3	3.0	3.5	4.5	1.9	.3	.3			(3)	(3)	(3)
Tomato products	15.1	17.1	18.6	21.6	23.4	29.0	33.5	33.8	45.0	35.7	27 4	23.5
Catsup and chili sauce	7.6	8.8	9.2	10.6	11.0	9.9	12.0	10.1	13.0	16.9	13.8	9.0
Paste and sauce	3.0	3.6	4.4	5.0	5.9	9.1	10.0	11.5	16.2	12.9	9.9	10.4
Pulp and puree	4.5	4.7	5.0	6.0	6.5	10 0	11.5	12.2	15.8	5.9	3.7	4.1
Olives, ripe	.9	1.3	1.7	1.8	1.1	1.3	1.3	.6	1.0	(3)	(3)	(3)
Canned baby foods, total [7]	11.9	12.1	21.2	32.7	47.0	57.2	78.0	106.6	120.2	90.0	126.7	122.1
Desserts	------	------	.8	1.1	3.3	3.5	8.3	17.5	10.6	7.2	10.1	8.5
Fruits	2.6	2.5	4.5	7.7	14.7	15.2	25.8	36.0	45.0	34.8	41.6	49.6
Meat compounds	2.6	2.8	4.7	7.3	11.7	12.2	16.0	18.0	36.8	24.7	38.0	36.1
Vegetables	6.7	6.8	11.2	16.6	17.3	26.3	27.9	34.9	27.8	23.3	37.0	27.8

[1] Basis 24 No. 2½ cans.
[2] Hawaiian pack plus receipts from Puerto Rico.
[3] Not available.
[4] Basis 24 No. 2 cans.
[5] Included in "other fruit juices."
[6] Included with "all other."
[7] Calendar year (first) packs; basis dozen cans.

Source: Dept. of Commerce, Office of Domestic Commerce. Data for recent years compiled mainly from annual pack statistics of National Canners Assn., Washington, D. C. Historical series (1944–45 and earlier) from Fruit and Vegetable Canning Industries, 1934–45 (Industrial Series 15), compiled in cooperation with Bureau of Census and Office of Price Administration.

No. 925.—Ethyl Alcohol and Other Distilled Spirits, Except Brandy and Spirits (Fruit)—Materials Used in Production, by Kinds: 1901 to 1949

Yearly average or year ending June 30—	Molasses (thousand gallons)	Grain (thousands of pounds) [1]				Ethyl sulphate	Pineapple juice	Other materials [2]	
		Corn	Malt	Rye	Other [3]	Thousand gallons		Thousand gallons	Thousand pounds
1901–1905	14,059	1,094,027	197,602	303,038	3,349				
1906–1910	30,630	1,114,277	202,720	280,112	1,893				
1911–1915	71,726	1,183,706	209,194	275,374	5,029				
1916–1920	109,627	958,003	125,429	65,139	5,298			49,457	
1921–1925	144,652	259,134	53,592	5,219	[4] 854			42,340	[5] 89,387
1926–1930	239,279	473,682	29,613	2,722	[6] 1,008	[6] 1,274		43,546	58,901
1931–1935	167,264	480,276	101,183	245,457	5,252	10,686	5,671	8,802	26,606
1936–1940	183,214	1,398,797	267,247	466,285	3,179	31,530	3,599	12,075	3,199
1941–1945	240,247	1,652,322	562,455	348,848	3,069,179	77,809	2,948	15,085	49,748
1911	44,363	1,301,832	226,968	301,056	5,096				
1912	61,605	1,288,952	228,256	313,600	4,760				
1913	64,641	1,335,488	238,168	326,368	6,160				
1914	64,721	1,193,696	220,584	299,152	4,648				
1915	123,301	798,560	131,992	136,696	4,480				
1916	80,977	1,795,920	250,936	174,552	4,592			71,165	
1917	112,498	1,902,488	237,440	133,000	4,536			78,463	
1918	118,028	814,520	94,640	13,944	9,632			68,527	
1919	123,499	217,840	32,088	1,400	4,816			9,801	
1920	113,133	59,248	12,040	2,800	2,912			19,327	
1921	119,053	273,840	51,184	10,528	1,624			31,101	
1922	97,223	173,208	45,696	4,760	56			74,705	
1923	148,711	173,936	46,536	280				32,543	12
1924	155,001	271,432	64,568	5,096	1,120			35,525	155,756
1925	203,270	403,256	59,976	5,432	616			37,824	112,392
1926	267,404	445,088	36,400	728	672			44,508	46,885
1927	211,519	469,448	28,280	392				40,942	49,469
1928	213,630	346,864	25,368	392	504			56,795	79,576
1929	268,045	548,912	20,720	448				53,884	53,038
1930	235,797	558,096	37,296	11,648	1,848	1,274		21,601	65,535
1931	187,790	137,424	36,008	357,560	1,568	10,072	5,768	19,302	30,344
1932	161,295	271,488	28,336	12,208	18,592	11,146	4,235	15,072	20,377
1933	117,939	325,808	31,360	31,584	336	8,943	5,544	6,772	30,265
1934	174,031	580,269	140,848	252,519	2,663	9,568	7,491	1,672	23,797
1935	195,266	1,086,392	269,361	573,413	3,099	13,699	5,317	1,190	28,247
1936	179,123	1,782,205	372,421	718,789	3,716	24,403	6,790	8,092	678
1937	208,071	2,029,560	387,312	651,457	3,673	25,493	3,598	12,248	963
1938	166,722	1,110,331	206,625	339,066	2,689	26,577	2,007	27	456
1939	163,223	1,012,868	183,411	307,742	3,432	35,389	2,344	26,207	1,254
1940	198,929	1,059,019	186,468	314,371	2,383	45,786	3,256	13,801	12,644
1941	225,349	1,307,455	231,065	373,997	2,527	53,400	1,831	2,365	18,563
1942	286,174	2,236,469	333,155	384,190	114,806	71,259	1,988	2,859	25,907
1943	183,039	2,797,530	558,854	117,008	2,370,391	78,299	3,237	3,574	37,136
1944	263,889	320,126	727,200	217,398	6,393,230	94,467	4,918	8,680	70,030
1945	242,786	1,600,028	962,002	651,649	6,464,941	91,621	2,766	57,949	97,106
1946	117,520	1,370,401	537,373	463,822	1,968,362	103,306	2,374	152,899	648,435
1947	73,382	2,651,731	455,336	237,166	148,398	106,457	2,880	222,581	983,782
1948	178,502	1,583,653	344,099	368,989	617,559	109,245	4,909	249,189	274,026
1949	161,790	1,716,278	328,247	375,936	233,767	131,819	2,566	249,208	1,325,285

[1] Conversion factor used was 56 pounds per bushel when reported in bushels.
[2] Wheat, barley, rice, sorghum grain, etc., also mixtures of corn, malt, and rye.
[3] Diamalt, sulphite liquors, manioca meal, maguey juice, maple sirup, cider, corn sirup, potatoes, crude alcohols mixtures, cellulose pulp, chemical mixtures, ethylene gas, etc.
[4] Average for 4 years.
[5] Average for 3 years.
[6] 1930 figure.

Source: Treasury Department: 1901 to 1933, Bureau of Industrial Alcohol; Statistics Concerning Intoxicating Liquors. 1934 and subsequent years, Bureau of Internal Revenue; annual and special reports.

No. 926.—Denatured Alcohol:[1] 1910 to 1949

Year ending June 30—	Alcohol produced at industrial alcohol plants [2]	Denaturing plants operated	Ethyl alcohol used for denaturation [3]	Denatured alcohol produced [4]		
				Total	Completely denatured	Specially denatured
	Proof gallons		*Proof gallons*	*Wine gallons*	*Wine gallons*	*Wine gallons*
1910	----------	12	10,605,871	6,079,027	3,076,925	3,002,103
1915	----------	23	25,411,719	13,986,469	5,386,647	8,599,822
1920	18,933,551	52	45,640,949	28,836,350	13,528,403	15,307,947
1925	166,165,518	91	152,254,039	81,808,273	46,983,970	34,824,303
1930	193,823,717	68	185,000,827	106,776,978	59,063,510	47,713,468
1935	180,645,920	39	165,233,606	97,031,074	38,746,679	58,284,395
1940	243,727,756	40	225,160,792	126,761,830	15,352,033	111,409,797
1944	[5] 636,575,216	66	973,439,556	524,113,586	52,331,761	471,781,825
1945	[5] 683,431,544	65	971,446,910	527,095,537	33,087,533	494,008,004
1946	329,386,962	50	393,458,500	212,802,110	26,144,437	186,657,673
1947	248,798,639	49	338,029,989	183,744,086	36,395,715	147,348,371
1948	332,282,148	48	339,651,745	184,281,826	34,887,789	149,394,037
1949	351,015,364	47	323,925,930	174,494,703	10,221,492	164,273,211

[1] Includes data for Hawaii for all years and data for Puerto Rico beginning with Aug. 1, 1928.
[2] Separate accounts for alcohol produced ati ndustrial alcohol plants required commencing May 1, 1920.
[3] Through 1940, represents *withdrawals* of all products for denaturation, that is, domestic ethyl alcohol, spirits produced by registered distilleries (redesignated upon receipt at denaturing plants as alcohol), and rum. Beginning 1944, represents all products (except rum) *used* for denaturation, that is, domestic ethyl alcohol, imported ethyl alcohol, and spirits. Rum is included for 1935 and 1940 because denatured rum is included with specially denatured alcohol for those years.
[4] Prior to 1944 includes denatured rum.
[5] Represents gross production. Net production (gross production minus products used in redistillation) for such years follows: 1944, 590,929,045; 1945, 650,089,874.

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.

No. 927.—Alcoholic Beverages—Production, Tax-Paid Withdrawals, and Stocks: Years Ending June 30, 1943 to 1949

[Includes data for Alaska and Hawaii. See also *Historical Statistics*, series J 172 for production of fermented malt liquor]

Class	Unit	1943	1944	1945	1946	1947	1948	1949
Fermented malt liquor:								
Production	Thous. of bbl.[1]	71,018	81,726	86,604	84,978	87,857	91,291	89,736
Tax-paid withdrawals	do	68,636	76,970	79,591	81,287	82,629	86,993	85,809
Stocks on hand June 30	do	8,286	8,862	9,262	8,035	9,565	9,888	9,879
Distilled spirits, total:								
Production [3]	Thous. of tax gal.[3]	[4] 39,917	[4] 23,805	[4] 128,205	[4] 275,148	315,158	244,127	266,542
Tax-paid withdrawals [5]	do	136,837	90,464	142,331	178,131	173,505	147,160	141,767
Stocks on hand June 30 [2]	do	476,345	376,278	338,173	420,262	525,828	594,733	677,344
Whiskey:								
Production	do	19,530	----------	41,562	147,465	167,995	129,597	149,595
Tax-paid withdrawals	do	87,914	58,833	63,891	63,227	58,823	53,603	52,675
Stocks on hand June 30	do	424,825	348,646	307,588	374,072	464,825	522,261	602,926
Rectified spirits and wines, production, total	Thous. of proof gal.	70,125	67,686	118,863	150,879	148,560	125,733	118,955
Whiskey, production	do	60,795	57,862	101,645	124,727	130,701	114,917	107,782
Still wines: [6]								
Production [7]	Thous. of wine gal.[8]	195,225	264,853	314,983	379,936	515,335	314,328	425,925
Tax-paid withdrawals	do	108,426	84,673	88,792	107,965	102,212	110,114	119,107
Stocks on hand June 30 [9]	do	91,031	94,313	102,725	102,014	160,211	147,708	162,586
Sparkling wines: [10]								
Production	Thous. of half pints [11]	20,348	30,192	31,017	40,569	48,548	20,422	22,836
Tax-paid withdrawals	do	22,071	26,961	25,269	35,721	30,985	20,414	21,665
Stocks on hand June 30	do	17,648	18,715	22,634	24,498	39,491	36,465	34,859

[1] Barrels of 31 wine gallons.
[2] Excludes ethyl alcohol.
[3] A tax gallon for spirits of 100 proof or over is equivalent to the proof gallon. For spirits of less than 100 proof the tax gallon is equivalent to the wine gallon.
[4] Excludes high-proof spirits and unfinished spirits produced at registered distilleries for industrial purposes.
[5] Includes ethyl alcohol.
[6] Excludes vermouth and other aperitif wines.
[7] Production represents total amount removed from fermenters, including distilling material (substandard wines produced with excessive water or residue materials). In 1949, 286,045,119 gallons of distilling materials were produced.
[8] Standard United States gallon.
[9] Excludes distilling materials.
[10] Includes champagne, other sparkling wines, and artificially carbonated wines.
[11] Tax is payable on each ½ pint or fraction thereof in each bottle or container.

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.

No. 928.—Distilled Spirits, Malt Liquors, and Wines—Apparent Average Annual Per Capita Consumption in the Continental United States: 1850 to 1949

[In gallons, except distilled spirits which is shown in tax gallons]

Fiscal year	Distilled spirits			Malt liquors			Wines		
	Total	Domestic	Imported	Total	Domestic	Imported	Total	Domestic	Imported
1850	2.24	2.02	0.22	1.58	1.57	0.01	0.27	0.01	0.26
1860	2.86	2.67	.19	3.22	3.18	.04	.34	.06	.28
1870	2.07	1.89	.18	5.31	5.28	.03	.32	.08	.24
1871–80 [1]	1.39	1.35	.04	6.93	6.90	.03	.47	.31	.16
1881–90 [1]	1.34	1.31	.03	11.37	11.34	.03	.48	.39	.09
1891–95 [1]	1.37	1.35	.02	15.20	15.15	.05	.39	.32	.07
1896–1900 [1]	1.12	1.10	.02	15.53	15.49	.04	.36	.31	.05
1901–05 [1]	1.39	1.36	.03	17.34	17.29	.05	.47	.40	.07
1906–10 [1]	1.43	1.39	.04	19.81	19.73	.08	.62	.53	.09
1911	1.46	1.42	.04	20.69	20.61	.08	.67	.60	.07
1912	1.45	1.41	.04	20.02	19.95	.07	.58	.52	.06
1913	1.51	1.47	.04	20.72	20.64	.08	.56	.49	.07
1914	1.44	1.40	.04	20.69	20.62	.07	.53	.46	.07
1915	1.26	1.23	.03	18.40	18.37	.03	.33	.27	.06
1916	1.37	1.33	.04	17.78	17.76	.02	.47	.42	.05
1917	1.62	1.59	.03	18.17	18.15	.02	.41	.36	.05
1918	.87	.86	.01	14.77	14.76	.01	.49	.46	.03
1919	.79	.79	[2]	8.00	8.00	[2]	.51	.49	.02
1920	.22	.22	[2]	2.61	2.61	[2]	.12	.12	[2]
1921	.32	32	[2]	------	------	------	.19	.18	.01
1922 [3]	.18	.18	[2]	------	------	------	.06	.05	.01
1923 [3]	.11	.11	[2]	------	------	------	.13	.13	[2]
1924 [3]	.10	.10	[2]	------	------	------	.08	.08	[2]
1925 [3]	.09	.09	[2]	------	------	------	.03	.03	[2]
1926 [3]	.09	.09	[2]	------	------	------	.05	.05	[2]
1927 [3]	.08	.08	[2]	------	------	------	.04	.04	[2]
1928 [3]	.09	.09	[2]	------	------	------	.04	.04	[2]
1929 [3]	.09	.09	[2]	------	------	------	.09	.09	[2]
1930 [3]	.08	.08	[2]	------	------	------	.03	.03	[2]
1931 [3]	.07	.07	[2]	------	------	------	.05	.05	[2]
1932 [3]	.06	.06	[2]	------	------	------	.04	.04	[2]
1933 [3]	.05	.05	[2]	1.56	1.55	.01	.01	.01	[2]
1934 [3]	.33	.30	.03	7.90	7.89	.01	.14	.12	.02
1935	.70	.67	.03	10.45	10.44	.01	.30	.28	.02
1936	.81	.73	.08	11.93	11.92	.01	.39	.37	.02
1937	1.03	.90	.13	13.47	13.45	.02	.52	.49	.03
1938	1.00	.89	.11	13.02	13.00	.02	.51	.48	.03
1939	.93	.84	.09	12.41	12.39	.02	.55	.52	.03
1940	1.02	.93	.09	12.58	12.57	.01	.66	.63	.03
1941	1.04	.96	.08	12.42	12.41	.01	.70	.68	.02
1942	1.13	1.06	.07	14.18	14.17	.01	.79	.78	.01
1943	1.11	1.00	.11	15.96	15.93	.03	.84	.83	.01
1944	1.03	.72	.31	17.97	17.92	.05	.73	.66	.07
1945	1.22	1.05	.17	18.86	18.79	.07	.73	.70	.03
1946	1.39	1.27	.12	18.56	18.47	.09	.87	.82	.05
1947	1.28	1.17	.11	18.08	18.02	.06	.77	.74	.03
1948	1.06	.97	.09	18.58	18.56	.02	.79	.77	.02
1949	1.02	.92	.10	18.05	18.03	.02	.85	.83	.02

[1] Average for the period.
[2] Less than .005.
[3] Includes quantities withdrawn for certain manufacturing, compounding, medicinal, and sacramental uses.

Source: Department of Commerce, Office of International Trade; published in World Trade in Commodities: Foreign Trade in Beverages and Beverage Materials. Data prior to 1922 published in the Statistical Abstract, 1921, p. 616.

No. 929.—Tobacco Products—Production, by Kind: 1901 to 1948

[Compiled from monthly returns of manufacturers. Data relate to products manufactured in continental United States, excluding those manufactured in customs bonded manufacturing warehouses, class 6. There were 142,893,534 large cigars manufactured in these warehouses in 1948. Large cigars are those weighing more than 3 pounds per thousand. See also *Historical Statistics*, series J 174 for data on cigarettes]

CALENDAR YEAR OR YEARLY AVERAGE	TOBACCO AND SNUFF (THOUSANDS OF POUNDS)						CIGARS (THOUSANDS)		CIGARETTES (THOUSANDS)	
	Total	Plug	Twist	Fine cut	Smoking [1]	Snuff	Large	Small	Large	Small
1901–1905	346,841	175,981		11,903	138,402	20,556	6,513,095	716,720	7,143	3,227,606
1906–1910	413,054	167,460	13,524	12,525	192,700	26,845	6,883,272	1,059,501	16,113	6,192,571
1911–1915	437,346	158,529	15,017	10,795	221,865	31,140	7,087,530	1,053,654	15,695	14,802,416
1916–1920	456,584	159,869	14,346	9,758	237,808	34,805	7,364,037	810,327	26,026	41,565,670
1921–1925	409,457	115,445	10,105	6,972	239,151	37,785	6,691,913	557,300	16,704	65,903,991
1926–1930	389,244	99,470	8,374	5,821	235,421	40,159	6,360,650	414,044	10,479	109,361,216
1931–1935	349,785	64,662	5,404	3,660	239,072	36,987	4,648,368	245,412	20,417	121,702,676
1936–1940	344,331	54,402	6,029	4,703	241,561	37,636	5,184,661	164,652	2,956	174,117,549
1941–1945	327,473	56,967	6,223	4,535	217,829	41,919	5,457,472	125,370	23,938	285,475,536
1935	342,728	60,588	5,604	4,683	235,757	36,095	4,685,370	177,822	2,504	139,966,180
1936	347,977	59,165	6,372	5,068	239,349	38,022	5,172,279	180,006	2,458	158,893,958
1937	340,579	58,331	6,774	4,999	233,334	37,141	5,303,369	198,585	3,066	169,969,320
1938	345,369	54,495	5,659	4,572	243,470	37,173	5,014,758	152,990	2,638	171,686,383
1939	343,307	51,263	5,733	4,701	243,640	37,970	5,197,627	156,940	4,369	180,666,824
1940	344,423	48,759	5,605	4,176	248,011	37,872	5,235,271	134,738	2,249	189,371,258
1941	342,427	50,230	5,614	5,069	241,897	39,616	5,610,176	146,711	1,790	217,934,925
1942	330,413	54,300	6,024	5,084	224,002	41,003	5,840,805	133,150	2,503	257,520,863
1943	327,089	58,945	6,257	4,460	214,249	43,179	5,363,027	125,480	6,111	296,173,333
1944	306,935	61,655	6,498	4,092	192,728	41,962	5,198,679	123,340	26,870	323,583,888
1945	330,502	59,704	6,723	3,970	216,271	43,834	5,274,675	98,167	82,416	332,164,670
1946	253,231	51,810	5,773	3,756	152,531	39,361	5,617,700	92,262	1,658	350,038,093
1947	242,283	47,306	5,152	3,703	146,869	39,163	5,487,656	79,690	537	369,682,769
1948 [2]	244,681	45,346	5,632	3,207	149,687	40,809	5,645,104	89,134	641	386,825,746

[1] Includes scrap chewing tobacco.
[2] Number of factories on Jan. 1, 1949: Tobacco and snuff (excluding 193 "quasi" manufacturers), 321; cigars, 1,982; cigarettes, 53.

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.

No. 930.—Tobacco, Leaf—Amounts Consumed in the Manufacture of Cigars, Cigarettes, Chewing and Smoking Tobacco, and Snuff: 1896 to 1948

[**All figures in thousands of pounds.** Figures represent the equivalent in unstemmed leaf tobacco of stemmed leaf or scraps, cuttings, and clippings. In the following table the tobacco used in the manufacture of cigars and cigarettes was converted on the basis of 3 pounds of stemmed leaf or scraps, etc., to 4 pounds of unstemmed beginning 1915 (conversion prior to 1915 was at the ratio of 3 to 5) and of tobacco and snuff beginning 1903. For 1896 to 1902, tobacco used in manufactured tobacco and snuff was shown only under two heads, namely, "leaf" and "scraps." It is probable that stemmed leaf was included with unstemmed tobacco under the head of "leaf" without the one kind being converted to the equivalent in the other. The conversion ratio of 3 to 4 was applied only to "scraps" for these years. Data exclude tobacco used in bonded manufacturing warehouses. See also *Historical Statistics*, series J 171, for annual total consumption]

CALENDAR YEAR OR YEARLY AVERAGE	Total	Cigars	Cigarettes	Tobacco and snuff	CALENDAR YEAR	Total	Cigars	Cigarettes	Tobacco and snuff
1896–1900	359,053	87,851	16,235	254,967	1935	775,932	113,742	399,458	262,731
1901–1905	451,461	124,411	12,444	314,606	1936	847,367	126,578	453,327	267,462
1906–1910	524,193	139,206	22,079	362,908	1937	872,924	128,653	479,961	264,309
1911–1915	578,283	151,890	52,207	374,186	1938	865,302	118,751	483,840	262,710
1916–1920	650,460	155,312	130,320	364,828	1939	885,299	122,681	509,133	253,485
1921–1925	672,077	151,421	198,069	322,588	1940	922,716	126,835	535,218	260,663
1926–1930	762,540	149,240	312,533	300,767	1941	1,009,085	136,066	626,842	246,178
1931–1935	740,934	112,296	345,985	282,652	1942	1,131,065	140,679	754,550	235,837
1936–1940	878,722	124,700	492,296	261,726	1943	1,228,703	131,896	860,459	236,349
1941–1945	1,182,914	133,383	821,311	228,221	1944	1,254,541	129,882	920,418	204,241
1931	752,404	127,628	329,962	294,813	1945	1,291,176	128,390	944,286	218,499
1932	690,134	104,238	299,029	286,817	1946	1,306,667	137,539	1,000,938	168,190
1933	710,668	104,699	326,093	279,876	1947	1,355,117	135,338	1,055,594	164,185
1934	775,530	111,123	375,383	289,024	1948	1,400,091	139,823	1,099,176	161,092

Source: Treasury Department, Bureau of Internal Revenue; Annual Report of the Commissioner.

No. 931.—Cotton-System Spindles, Cotton Consumption, and Stocks: 1840 to 1949

[Statistics for 1915 to 1949 relate to 12 months ending July 31 and those for prior years to 12 months ending Aug. 31. For 1946–49, spindles in place include all cotton-system spindles in place regardless of fiber spun. Prior to 1946, "in place" figure represents all spindles in place used exclusively for spinning cotton. Consumption and stocks are expressed in running bales, counting round as half bales, except that all figures, 1840 to 1870, inclusive, and foreign cotton for all years are in equivalent 500-pound bales. See also *Historical Statistics*, series J 179–180 for data on active cotton-system spindles in the U. S. and total cotton consumed including linters]

Year	Cotton-system spindles (thousands)					Active cotton spindle hours (millions)	Cotton consumed, excluding linters (thousands of bales) [2]			
	Total in place	Active [1]								
		United States	Cotton-growing States	New England	Other States		United States	Cotton-growing States	New England	Other States
1840	[3]	2,285	181	1,597	506	[3]	237	71	159	7
1850	[3]	3,998	265	2,959	775	[3]	576	78	431	67
1860	[3]	5,236	324	3,859	1,053	[3]	845	94	567	184
1870	[3]	7,132	328	5,498	1,306	[3]	797	69	551	177
1880	[3]	[4] 10,653	[4] 561	[4] 8,632	[4] 1,460	[3]	[4] 1,570	[4] 189	[4] 1,129	[4] 252
1890	[3]	14,384	1,570	10,934	1,880	[3]	2,518	539	1,502	477
1900	[3]	19,472	4,368	13,171	1,933	[3]	3,873	1,523	1,909	440
1910	28,929	28,267	10,494	15,735	2,038	[3]	4,622	2,234	1,995	393
1920	35,834	35,481	15,231	18,287	1,963	[3]	6,420	3,583	2,397	440
1925	37,929	35,032	17,292	15,975	1,765	91,055	6,193	4,220	1,639	335
1930	34,025	31,245	18,586	11,351	1,308	87,515	6,106	4,749	1,143	214
1935	30,093	26,701	18,212	7,763	726	72,526	5,361	4,306	818	237
1940	24,750	23,586	17,641	5,279	666	97,006	7,784	6,647	918	219
1941	24,335	23,389	17,653	5,088	649	111,775	9,722	8,289	1,147	285
1942	23,971	23,608	17,800	5,138	670	131,161	11,170	9,526	1,313	331
1943	23,401	23,429	17,746	5,043	641	129,709	11,100	9,640	1,156	305
1944	23,293	23,019	17,652	4,784	582	118,283	9,943	8,739	950	254
1945	23,128	22,675	17,610	4,511	554	111,898	9,568	8,455	891	222
1946	23,862	22,777	17,700	4,526	551	105,368	9,163	8,074	854	235
1947	23,824	22,519	17,502	4,541	476	114,727	10,025	8,776	968	281
1948	23,798	22,675	17,807	4,429	439	119,017	9,354	8,254	887	213
1949	23,501	20,134	16,491	3,276	367	98,217	7,795	6,986	644	165

Yearly average or year	Consumption (thousands of bales)						Stocks in consuming establishments at end of year (thousands of bales)			
	Cotton, excluding linters					Linters	Cotton, excluding linters [5]			Linters
	Total	Domestic			Foreign		Total	Domestic	Foreign	
		Total	Upland	Sea Island	American-Egyptian					
1906–1910	[6] 4,829	[6] 4,680	[6] 4,616	[6] 64		149	[7] 163	[6] 731	[6] 673	58	[7] 39
1911–1915	5,257	5,051	[8] 4,976	75	(8)	206	293	822	738	84	86
1916–1920	6,388	6,105	[8] 6,034	71	(8)	282	734	1,452	1,352	100	179
1921–1925	5,869	5,577	5,531	9	37	292	599	1,003	911	92	139
1926–1930	6,735	6,434	6,419	1	15	301	815	1,150	1,050	100	186
1931–1935	5,466	5,325	5,311	1	14	140	720	1,116	1,061	55	261
1936–1940	6,938	6,799	6,780	2	18	139	836	7,133	7,060	74	275
1941–1945	10,301	10,151	10,105	3	42	149	1,399	10,354	10,233	121	391
1940	7,784	7,655	7,631	3	21	128	1,061	10,094	9,999	95	400
1941	9,722	9,576	9,545	3	27	146	1,359	11,581	11,441	140	469
1942	11,170	10,974	10,922	4	47	196	1,488	9,900	9,765	135	439
1943	11,100	10,930	10,874	6	50	170	1,301	9,792	9,704	88	465
1944	9,943	9,829	9,782	3	44	114	1,365	10,159	10,041	118	335
1945	9,568	9,448	9,404	1	44	120	1,481	10,339	10,215	124	247
1946	9,163	8,966	8,946	1	19	197	1,055	6,746	6,593	153	255
1947	10,025	9,765	9,755	1	9	260	984	2,310	2,178	132	201
1948	9,354	9,109	9,101	2	5	246	1,156	2,806	2,717	89	190
1949	7,795	7,634	7,629	1	4	161	1,406	5,031	4,962	69	237

[1] For 1945 and earlier years data represent sum of greatest number of cotton spindles reported by each mill as active at any time during year, regardless of length of time operated. Beginning with 1946, active figure includes all cotton-system spindles active last day of year, regardless of type of fiber spun. On July 31, 1949, there were 19,008,000 spindles active on cotton, 814,000 on synthetics, 312,000 on other fibers and blends, and 3,367,000 idle.

[2] Includes linters for 1840 to 1908. Figures for all years include foreign and domestic cotton.

[3] Not available. [4] Cotton mills only.

[5] Includes stocks held in public storage and at compresses beginning 1938.

[6] Includes linters for 1906 to 1908. [7] Average, 1909 and 1910.

[8] "Upland" includes "American-Egyptian" beginning 1912 (first year produced).

Source: Department of Commerce, Bureau of Census; annual report, Cotton Production and Distribution.

No. 932.—Cotton-System Spindle Activity, 1947, 1948, 1949, and Cotton Consumption, 1945 to 1949, by Region and State

[Years ending July 31. Consumption includes domestic and foreign cotton and is in running bales counting round as half bales, except foreign cotton which is in equivalent 500-pound bales]

Region and State	Cotton spindles in place (thousands)[1]			Active cotton spindle hours (millions)			Cotton consumed, excluding linters (thousands of bales)				
	1947	1948	1949	1947	1948	1949	1945	1946	1947	1948	1949
United States	**23,824**	**23,798**	**23,501**	**114,727**	**119,017**	**98,217**	**9,568**	**9,163**	**10,025**	**9,354**	**7,795**
Cotton-growing States	18,104	18,354	18,338	95,507	99,564	83,875	8,455	8,074	8,776	8,254	6,986
New England	5,154	4,931	4,698	17,425	17,889	13,115	891	854	968	887	644
Other States	566	513	465	1,795	1,564	1,227	222	235	281	213	165
Alabama	1,788	1,815	1,769	10,291	10,232	8,270	1,164	1,128	1,238	1,106	945
Connecticut	491	486	488	1,299	1,289	1,026	57	59	65	61	48
Georgia	3,191	3,217	3,243	16,775	17,393	14,583	2,010	1,971	2,116	1,927	1,600
Maine	630	648	632	2,648	2,956	2,513	149	138	165	170	147
Massachusetts	2,825	2,701	2,613	9,685	9,790	6,929	485	470	525	476	340
New Hampshire	[2]	[2]	[2]	[2]	[2]	[2]	112	[2]	[2]	[2]	[2]
New York	305	269	262	944	920	699	91	90	100	96	71
North Carolina	5,850	5,927	5,910	29,634	30,619	24,570	2,550	2,382	2,576	2,524	2,098
Rhode Island	851	753	699	2,430	2,589	1,646	86	81	96	89	53
South Carolina	5,543	5,642	5,666	30,098	32,131	29,209	1,952	1,823	2,028	1,962	1,740
Tennessee	567	556	556	2,974	3,205	2,657	221	208	214	215	179
Texas	230	240	245	1,130	1,021	864	191	198	200	155	144
Virginia	646	648	649	3,200	3,591	2,565	226	197	221	211	154
All other States	907	896	769	3,619	3,281	2,686	274	418	481	362	276

[1] Includes all cotton-system spindles in place regardless of fiber spun.
[2] Included in all other States.

Source: Department of Commerce, Bureau of Census; annual report, Cotton Production and Distribution.

No. 933.—Cotton and Rayon Mill Machinery—Number of Machines in Possession, by Kind, December 31, 1947; in Place, by Kind and by Region and State, February 28, 1942

[Machinery in place is that which is set up in operating position]

Region and State	Cards	Combs	Roving machinery				Spinning spindles	Twisting spindles	Looms
			Slubbers	Speeders	Intermediates	Jacks			
1947									
United States	86,442	9,138	708,061	1,301,375	639,422	397,694	22,729,849	3,513,774	479,166
1942									
United States	**90,582**	**7,245**	**637,529**	**1,962,868**	**700,060**	**524,948**	**24,185,947**	**3,427,293**	**522,127**
Cotton-growing States	**72,141**	**3,828**	**524,619**	**1,493,816**	**520,330**	**232,444**	**18,184,663**	**2,612,863**	**363,376**
North Carolina	24,339	2,591	161,786	539,540	162,410	148,002	5,861,613	1,173,469	85,383
South Carolina	16,969	499	129,672	491,417	136,000	17,768	5,620,037	364,376	144,770
Georgia	15,692	264	124,558	224,347	103,000	9,668	3,154,956	648,122	54,404
Alabama	8,365	168	72,405	104,520	50,276	18,120	1,813,716	224,414	34,870
Other cotton-growing States[1]	6,776	306	36,198	133,992	68,644	38,886	1,734,341	202,482	43,949
New England[2]	**15,441**	**3,219**	**90,686**	**392,722**	**156,412**	**282,780**	**5,297,814**	**723,078**	**117,020**
Massachusetts	8,671	2,171	46,228	269,876	98,220	195,692	2,992,490	405,150	56,790
Rhode Island, Connecticut	3,179	798	16,864	71,592	27,412	73,512	1,301,520	264,860	35,029
Middle Atlantic[3]	2,616	180	18,308	64,058	20,084	8,212	589,436	87,372	39,483
Midwestern[4]	384	18	3,916	12,272	3,234	1,512	114,034	3,980	2,248

[1] Includes Arkansas, California, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, Texas, and Virginia.
[2] Includes Maine, New Hampshire, and Vermont, not shown separately.
[3] Includes Delaware, Maryland, New Jersey, New York, and Pennsylvania.
[4] Includes Illinois, Indiana, Michigan, Ohio, and Wisconsin.

Source: Department of Commerce, Bureau of the Census; 1942 data compiled from manufacturers' reports to War Production Board and published in Facts for Industry, Series 32-16-1; 1947 data from Census of Manufactures.

No. 934.—Cotton Manufactures—Production by Kind: 1939 to 1949

[In thousands of linear yards]

PRODUCT	1939	1945	1946	1947	1948	1949
Cotton woven goods over 12 inches in width, except tire fabrics, total [1]	**8,287,249**	**8,720,550**	**9,144,418**	**9,816,769**	**9,640,376**	**8,406,351**
Cotton duck	173,079	436,513	241,652	206,415	202,565	216,816
Narrow sheeting and allied coarse and medium yarn fabrics	1,585,034	2,234,890	2,232,578	2,368,084	2,016,813	1,764,965
Print-cloth yarn fabrics	2,999,356	2,810,429	2,883,996	3,229,025	3,456,936	3,158,320
Napped fabrics [2]	451,412	418,769	455,497	502,393	479,254	328,737
Colored yarn cotton goods and related fabrics	683,659	517,831	616,295	751,749	805,511	653,162
Fine cotton-goods (all combed or part-combed cotton fabrics, including fabrics having rayon or other synthetic fiber or silk decorations and fine carded goods)	1,036,206	[3] 1,142,301	[3] 1,275,542	[3] 1,312,582	[3] 1,294,387	[3] 1,009,935
Towels, toweling, washcloths, and terry-woven fabrics other than towels	482,641	352,632	414,613	408,606	367,103	349,788
Wide cotton fabrics	557,475	493,426	562,335	670,891	671,139	590,559
Specialties and all other fabrics	317,487	313,759	461,910	367,024	346,668	334,069

[1] All data for fabrics in the gray except 1939 blanket and blanketing data which are for finished fabrics.

[2] 1945, 1946, 1948, and 1949 data exclude 7,203,000 yards, 9,071,000 yards, 12,787,000 yards, and 10,172,000 yards respectively of blankets and blanketings, less than 25 percent wool, produced on woolen and worsted looms. For production of wool-and-cotton mixed blankets containing 25 to 98 percent wool, see table 940.

[3] Includes fabrics containing 51 percent or more cotton by weight, balance rayon.

Source: Department of Commerce, Bureau of the Census: 1939 and 1947 from Census of Manufactures; Facts for Industry Series M15-A.

No. 935.—Cotton and Rayon Woven Goods, Bleached, Dyed or Printed: 1943 to 1949

[In thousands of linear yards. Data cover bleaching, dyeing, and printing of cotton and rayon woven textiles]

PRODUCT	1943	1946	1947	1948	1949
Bleached, dyed or printed goods, total	9,034,432	8,648,290	8,915,147	8,840,437	8,308,297
Cotton	7,403,108	6,922,822	6,944,456	6,779,692	6,275,486
Rayon [1]	1,631,324	1,725,468	1,970,691	2,060,745	2,032,811
Bleached and white finished goods, total	3,900,383	3,578,225	3,814,867	3,529,268	2,983,439
Cotton	3,681,604	3,379,892	3,616,001	3,316,637	2,820,316
Rayon [1]	218,779	198,333	198,866	212,631	163,123
Plain dyed and finished goods, total	3,533,410	3,037,150	3,176,320	3,340,402	3,517,473
Cotton	2,479,416	1,871,852	1,757,386	1,819,096	1,964,887
Rayon [1]	1,053,994	1,165,298	1,418,934	1,521,306	1,552,586
Printed and finished goods, total [2]	1,600,639	2,032,915	1,923,960	1,970,767	1,807,385
Cotton	1,242,088	1,671,078	1,571,069	1,643,959	1,490,283
Rayon [1]	358,551	361,837	352,891	326,808	317,102

[1] Rayon fabrics are defined as fabrics containing 51 percent or more rayon by weight. Rayon means synthetic yarns made by viscose, cuprammonium and cellulose acetate processes. An unknown quantity of fabrics made from nylon and other synthetic fibers are also included in the rayon yardage.
[2] Includes roller, screen, flock and block printed fabrics.

Source: Department of Commerce, Bureau of Census; 1947 Census of Manufactures reports and Facts for Industry Series M15G.

No. 936.—Pyroxylin Spread, Shipments by Type of Goods, and Capacity: 1935 to 1948

[Based on monthly figures of processors who coat or impregnate fabrics or paper (except shade cloth) with soluble cotton or pyroxylin preparations, either separately or in combination with other materials. "Light" cotton fabrics include sheetings and print cloths; "Heavy" cotton fabrics include drills, ducks, sateens, broken twills, and moleskins]

[Quantity and value figures in thousands]

YEARLY AVERAGE OR YEAR	Number of establishments	Pyroxylin spread (pounds)	SHIPMENTS								Capacity (linear yards) [3]
			Light cotton fabrics		Heavy cotton fabrics		Custom coating		Nonfabric material [1]		
			Linear yards	Value	Linear yards	Value	Linear yards	Value	Linear yards	Value	
1935-39	21	58,851	33,828	$8,114	22,132	$11,865	(3)	(3)	----	----	87,851
1940	21	59,656	33,986	7,932	26,652	13,117	(3)	(3)	----	----	87,611
1941	21	82,331	48,112	12,450	39,945	20,420	(3)	(3)	----	----	87,443
1942	21	58,306	37,335	11,510	28,297	16,426	(3)	(3)	----	----	87,515
1943	21	49,444	34,311	8,186	25,464	15,577	(3)	(3)	----	----	94,415
1944	21	54,882	38,759	12,434	26,747	15,496	(3)	(3)	----	----	97,759
											(*pounds*)
1945	29	59,941	34,532	11,355	17,453	11,825	[4] 22,532	[4] $4,928	2,378	$592	[5] 185,526
1946	28	79,209	48,336	19,862	27,554	21,303	[4] 23,692	[4] 6,508	4,762	1,716	[5] 202,724
1947 [6]	45	72,106	38,407	20,408	30,923	29,421	23,234	5,485	6,243	3,275	[5] 218,332
1948 [6]	45	53,265	28,211	16,121	19,926	19,537	17,370	2,874	4,144	2,166	[5] 230,213

[1] Data not collected prior to January 1945.
[2] Based on maximum quantity of 1.27 to 1.30 sateen coated to a finished weight of 17½ ounces per linear yard, in a month of 350 working hours.
[3] Data for "Custom coating" included with "Light cotton fabrics" and "Heavy cotton fabrics."
[4] Data for "Fabrics other than cotton" included with "Custom coating" to avoid disclosing data for individual establishments.
[5] Based on all machines suitable for pyroxylin coating, assuming 600 working hours per month and entire production on 53"—1.32 sateen coated to a finished weight of 17½ ounces per linear yard assuming 40 percent solids. No comparative data available from 1935 to 1944.
[6] Data for 1947 and 1948 represent more complete coverage than obtained in prior years. Pyroxylin spread in 1947, on a basis comparable to prior years, amounted to 66,158,000 pounds.

Source: Department of Commerce, Bureau of the Census; 1935-46, Facts for Industry Series M15F; 1947, reports of Census of Manufactures; 1948, compiled with assistance of Plastic Coating and Film Association.

No. 937.—Rayon Broad Woven Fabrics—Production, by Type: 1945 to 1949

[Data cover production of rayon broad woven fabrics containing by weight 51 percent or more rayon. Fabrics containing 25 percent or more wool by weight, however, are classed as woolen mixtures and are not included]

[In thousands of linear yards]

PRODUCT	1945	1946	1947	1948	1949
Rayon broad woven fabrics, total [1]	**1,552,105**	**1,713,364**	**1,976,835**	**2,180,890**	**1,929,621**
100 percent filament rayon fabrics, total	**1,028,708**	**1,048,965**	**1,236,805**	**1,350,923**	**1,271,129**
Flat fabrics, total	599,655	555,187	652,252	733,608	736,646
Bright viscose taffetas	44,266	46,426	50,828	50,084	35,476
Pigment viscose taffetas	76,349	76,625	103,706	138,517	126,703
Acetate taffetas	85,721	77,712	76,516	116,050	159,133
Cross-dyed taffetas	21,800	23,031	13,281	12,163	11,609
Rayon parachute fabrics	62,023	[2]	[2]	[2]	[2]
Jersey weaves	5,998	9,867	5,559	[2]	[2]
Sand weaves	15,267	[2]	[2]	[2]	[2]
Sharkskins	[2]	9,311	15,530	13,988	10,017
Twills and serges	104,487	129,266	169,325	172,257	157,630
Viscose satins	16,875	16,280	26,331	23,685	27,595
Acetate satins	113,167	114,973	142,254	153,839	157,515
All other flat fabrics	53,702	51,696	48,922	53,025	50,968
Twisted yarn fabrics, total	429,053	493,778	584,553	617,315	534,483
Crepe satins	21,029	25,675	28,258	28,044	19,679
Flat crepes	30,965				
Faille	31,044	87,735	111,964	139,313	148,553
Canton crepes	9,828				
French crepes	84,905	98,235	119,856	127,282	119,469
Plied yarn fabrics, plain weave	135,438	83,220	118,393	136,537	79,780
Plied yarn fabrics, fancy weave		52,873	46,422	34,893	8,345
Marquisettes	44,237	55,417	57,959	52,144	79,380
Ninons and voiles	38,012	41,445	39,082	33,532	26,711
Other sheers (georgettes, triple sheers, etc.)	33,595	37,832	49,896	54,123	43,711
All other twisted yarn fabrics	[2]	11,346	12,723	11,447	8,855
100 percent spun rayon fabrics, total	**161,996**	**191,606**	**332,451**	**379,679**	**322,945**
Twills (including serges, gabardines, etc.)	76,130	33,923	86,429	117,694	161,457
Ribbed and corded fabrics (poplins, bedford cord, etc.)		3,450	[3]	1,950	4,513
Challis		18,700	59,974	31,820	32,096
Linen type flakes	25,385	22,825	25,672	33,690	11,742
Plied yarn fabrics	21,409	49,326	55,860	53,888	30,911
All other 100 percent spun rayon fabrics	39,072	63,382	104,516	140,637	82,226
Combination filament and spun rayon fabrics, total	**159,100**	**172,609**	**178,982**	**254,700**	**176,819**
Poplins and failles	34,323	[4] 62,999	[4] 67,350	92,955	63,959
Shantungs	23,024	22,111	23,750	34,111	17,025
Fujis	61,137	65,832	66,440	52,975	27,025
All other filament and spun rayon	40,616	21,667	21,442	74,659	68,810
Pile, upholstery, drapery, tapestry, and tie fabrics, total [5]	**31,842**	**46,398**	**57,060**	**40,750**	**33,343**
Velvets, plushes and other pile fabrics	8,134	9,535	14,587	11,417	9,378
Upholstery, drapery, and tapestry fabrics	5,042	15,962	21,273	11,964	9,196
Yarn-dyed tie fabrics	18,666	14,394	13,282	9,246	8,951
Non-yarn-dyed tie fabrics		6,507	7,918	8,123	5,818
All other rayon mixtures, total	**170,459**	**253,786**	**171,537**	**154,838**	**125,385**
Rayon and wool	27,921	39,225	33,038	31,080	24,811
Filament rayon and cotton	97,621	81,744	55,279	61,262	54,909
Spun rayon and cotton		83,812	48,360	38,735	20,126
Rayon and other fibers	44,917	49,005	34,860	23,761	25,539
Silk, nylon, glass, and other fabrics, total [6]	**67,368**	**61,829**	**61,673**	**82,017**	**136,582**
100 percent nylon fabrics	43,382	21,539	21,881	32,654	87,399
100 percent silk fabrics	1,891	[7] 9,533	9,986	17,934	15,532
Other woven fabrics, not classified above	22,095	30,757	29,806	31,429	33,651

[1] Includes estimated production for a few mills not reporting; estimates distributed by fabric classification.
[2] Included in "All other flat fabrics."
[3] Included with "All other 100 percent spun rayon fabrics" to avoid disclosing data for individual establishments.
[4] Includes bengalines, etc.
[5] Fabrics containing 51 percent or more rayon by weight, without separation as to type of yarn used; includes filament rayon, spun rayon and mixtures of rayon and other fiber.
[6] Includes fabrics made of casein, other synthetic fibers and mixtures of rayon and other fibers containing less than 51 percent of rayon.
[7] Includes small amount of silk mixtures.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and Facts for Industry Series M15C.

No. 938.—Wool Manufacturing Equipment, by Type: 1899 to 1947

[Represents equipment in possession of wool manufacturing establishments, regardless of condition. 1943 data based on reports of machinery "in place," and include estimates of number in possession but not in place. Data for 1899, 1914, and 1929 exclude mills whose product was valued at less than $500 in 1899 and 1914, and less than $5,000 in 1929; 1943 and 1947 include all mills, regardless of size]

TYPE	1899	1914	1929	1943	1947
Rag pickers [1]	(2)	1,769	1,495	1,346	----
Garnetts [1]	(2)	413	437	577	----
Cards (sets), except shoddy cards	(2)	(2)	8,831	7,172	----
Woolen	7,766	6,819	6,610	5,247	----
Worsted [1]	(2)	(2)	2,221	1,925	----
Combs	1,451	2,425	2,661	2,613	2,523
Spinning spindles, total	3,220,792	4,307,365	4,859,608	3,642,902	3,022,872
Woolen [1]	2,225,893	2,079,626	2,303,297	1,661,818	1,166,042
Worsted	994,899	2,227,739	2,547,401	1,981,084	1,856,830
Twisting spindles, total [1]	442,672	876,783	917,146	798,220	----
Woolen	98,252	91,792	95,778	144,030	----
Worsted	344,420	784,991	821,368	654,190	----
Looms, except carpet and rug [3]	63,294	76,789	69,554	43,210	35,448
Carpet and rug looms	9,796	9,821	10,267	6,557	5,683

[1] Data for 1899, 1914, and 1929 include estimates to provide for these machines in knitting mills. 1929 data also include estimates on number of woolen spinning spindles and worsted cards in knitting mills.
[2] Data not available.
[3] 1943 and other years not strictly comparable. Census of Manufactures for 1899, 1914, 1929, and 1947 called for a report on looms from those mills whose principal products were wool and hair goods while 1943 inquiry covered all mills consuming weaving yarns spun on woolen or worsted spinning spindles. Includes pile fabric looms conforming with these definitions.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and Facts for Industry Series M15H.

No. 939.—Wool Manufacturing Equipment in Place, 1943 to 1949, and by Region and State, 1943

[Machinery in place is that which is set up in operating position]

YEAR, REGION, AND STATE	Worsted combs	Woolen spinning spindles	Worsted spinning spindles	Woolen and worsted looms	WOOL CARPET AND RUG LOOMS	
					Broad	Narrow
United States, 1943	2,582	1,653,550	1,957,593	42,213	2,422	3,488
United States, 1947	2,656	1,561,198	1,920,542	38,572	2,329	3,354
United States, 1948	2,679	1,535,127	1,863,335	38,146	2,359	3,209
United States, 1949	2,715	1,439,278	1,834,595	37,612	2,303	2,901
1943						
United States	**2,582**	**1,653,550**	**1,957,593**	**42,213**	**2,422**	**3,488**
New England	1,804	855,471	1,390,135	25,699	340	669
Connecticut	(1)	127,664	15,192	2,588	(1)	(1)
Maine	(1)	152,343	96,312	3,466	----	(1)
Massachusetts	1,141	336,318	698,381	10,781	(1)	(1)
New Hampshire	(1)	122,071	62,864	2,610	----	----
Rhode Island	560	74,962	497,050	5,336	----	----
Vermont	----	42,113	20,336	918	----	----
Middle Atlantic	672	414,504	454,330	9,548	1,886	2,577
New Jersey	405	66,965	156,434	2,597	193	291
New York	61	206,966	82,144	2,371	1,216	1,278
Pennsylvania	206	140,573	215,752	4,580	477	1,008
Southern [2]	----	192,654	58,312	3,557	196	242
North Central [3]	106	160,245	43,436	2,658	----	----
Western [4]	----	30,676	11,380	751	----	----

[1] Not shown separately to avoid disclosing information for individual establishments.
[2] Ala., Del., Ga., Ky., N. C., S. C., Tenn., Texas, Va., W. Va., Md., and Okla.
[3] Ill., Ind., Iowa, Mich., Minn., Mo., Ohio, and Wis.
[4] Calif., Oreg., Utah, Wash., and Wyo.

Source: Department of Commerce, Bureau of the Census; Facts for Industry Series M15H.

No. 940.—Woolen and Worsted Fabrics—Production, by Kind: 1939 to 1949

[Woolen and worsted woven goods defined as fabrics containing by weight 25 percent or more wool fiber produced on woolen and worsted looms]

PRODUCT	1939	1945	1946	1947	1948	1949
	Thousands of linear yards [1]					
Woven goods (except woven felt)	**371,848**	**493,431**	**603,718**	**500,478**	**497,561**	**418,481**
Apparel fabrics [2]	**321,008**	**401,434**	**524,286**	**436,532**	**434,348**	**356,134**
Men's wear	178,856	204,191	228,114			
Men's wear suitings and pantings	149,788	151,123	188,098			
Men's wear shirtings	1,880	25,227	18,313			
Men's wear overcoatings and topcoatings	27,188	27,841	21,703			
Women's and children's wear	107,080	141,443	234,921			
Weighing up to 8.9 ounces	(3)	21,992	42,872			
Weighing 9–12.9 ounces	(3)	78,151	127,477	(4)	(4)	(4)
Weighing over 13 ounces	(3)	41,300	64,572			
General use fabrics	25,668	48,100	51,627			
Melton, mackinaw, snow and ski suit cloths	[5] 8,892	17,278	17,933			
Linings and interlinings	6,204	23,662	20,188			
Bathrobe flannels	10,572	7,160	13,506			
Other apparel fabrics	9,404	7,700	9,624			
Nonapparel fabrics (except woven felts)	**50,840**	**91,997**	**79,432**	**63,946**	**63,213**	**62,347**
Blankets	19,576	80,167	48,457	31,571	21,422	24,096
98 percent or more wool or similar animal fibers	(3)	52,894	18,494			
50 percent but less than 98 percent wool or similar animal fibers	(3)	7,778	10,775	(4)	(4)	(4)
25 percent but less than 50 percent wool or similar animal fibers	(3)	19,495	19,188			
Drapery and upholstery fabrics	5,688	7,817	28,631	28,932	33,845	31,128
Other nonapparel	25,576	4,013	2,344	3,443	7,946	7,123
	Thousands of pounds					
Papermakers' felts	5,164	5,819	6,590	7,238	7,186	5,878
Other woven felts	1,576	3,182	3,331	3,481	3,138	2,537

[1] Measure used in 1939 was square yards; data converted to a 54-inch linear yard measure, excepting blankets which have been converted to a 72-inch linear yard measure. Data for 1945-47 on narrow fabrics converted by reporting companies to a 54-inch linear yard measure (72-inch for blankets).

[2] Includes data for military fabrics reported by types. Estimates as to end use classification made on less than 15 percent of total quantity of apparel fabrics.

[3] Data not available.

[4] Data not collected on same basis.

[5] An unknown quantity of these fabrics included in women's and children's wear.

Source: Department of Commerce, Bureau of the Census; 1939 and 1947 from Census of Manufactures; Facts for Industry Series M15H.

No. 941.—Knit Goods: Cloth, Underwear, and Outerwear—Production by Type: 1947, 1948, and 1949

PRODUCT	Unit	1947	1948	1949
Knit cloth for sale, total	Million pounds	152.6	(1)	147.8
Warp knit fabrics	do	41.5		42.9
Circular knit fabrics	do	111.1		104.9
Knit underwear and nightwear:				
Made from warp knit fabrics, all fibers	Thousand dozens	7,708	9,129	14,050
Made from circular knit fabrics:				
Rayon, silk, and synthetics	do	10,932	11,377	12,972
Cotton and wool	do	40,557	(1)	36,733
Knit outerwear:				
Sweaters, jackets, and jerseys	do	6,677	7,946	6,924
Bathing suits and trunks	do	500	331	362
Knit headwear and neckwear	do	1,556	1,515	1,460

[1] Not available.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports and Facts for Industry Series M15K, M67C, and M67G.

No. 942.—Women's, Misses', and Juniors' Outerwear: 1939 to 1949

TYPE OF GARMENT	Unit of measure	GARMENTS CUT			
		1939	1947	1948	1949
Women's and misses' blouses	Thousand dozens	2,886	7,496	7,851	9,329
Women's and misses' unit price dresses	Thousand units	194,383	127,791	134,951	147,023
Women's and misses' dozen price dresses	do		75,456	92,088	105,936
Women's and misses' suits	do	4,237	14,352	14,963	15,643
Women's and misses' skirts	Thousand dozens	1,084	2,020	2,907	3,691
Women's and misses' untrimmed coats	Thousand units	17,428	18,956	22,936	22,022
Women's and misses' fur-trimmed coats	do		1,924	2,638	1,927

Source: Department of Commerce, Bureau of Census; 1947 Census of Manufactures reports and Facts for Industry Series M67H.

No. 943.—Men's and Boys' Clothing—Selected Garments Cut: 1937 to 1949

[Leaders indicate comparable data not available]

TYPE OF GARMENT	Unit	1937	1939	1947	1948	1949 [1]
Suits	Thousand units	23,743	27,354	28,882	26,050	------
Men's and youths'	do	20,733	24,737	26,428	23,412	18,692
Boys'	do	3,010	2,617	2,454	2,638	------
Separate trousers	do	------	------	60,905	53,230	------
Separate coats	do	------	------	5,286	6,272	------
Men's and youths'	do	------	------	4,760	5,302	------
Boys'	do	------	------	526	970	------
Dress and sport shirts, men's and youths'	Thousand dozens	[2] 12,027	13,362	17,042	16,461	15,858
Overalls	do	4,114	3,973	6,807	7,271	------
Men's and youths'	do	------	------	4,241	4,270	4,277
Boys'	do	------	------	2,566	3,001	------
Work shirts (includes flannel)	do	6,062	6,850	5,815	5,113	------
Men's and youths'	do	------	------	4,959	4,648	5,058
Boys'	do	------	------	856	465	------

[1] Preliminary.
[2] Includes polo, tennis, and basque shirts of knitted fabrics.

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M67B.

No. 944.—Hosiery—Production, by Type: 1944 to 1949

[Thousands of dozens of pairs]

TYPE	1944	1945	1946	1947	1948	1949
Total, all types	141,435	135,841	157,383	149,545	147,027	144,512
Women's full-fashioned, total	36,595	34,740	40,323	38,875	44,706	45,228
Silk	7	(1)	1,989	1,098	403	313
Nylon	2	3,056	26,397	33,494	42,867	44,569
Rayon	36,293	31,444	11,401	3,919	1,239	187
Cotton	210	162	347	300	143	134
All other yarns	83	78	189	64	54	25
Seamless, total (including men's full-fashioned)	104,840	101,100	117,060	110,669	102,321	99,284
Women's seamless, total	9,462	7,420	9,832	11,246	8,517	7,695
Silk				3	42	25
Nylon		216	2,692	3,843	3,796	3,630
Rayon	5,226	3,972	3,819	3,084	1,638	1,476
Cotton	3,146	2,474	2,549	3,318	2,373	2,231
Wool	163	77	105	105	108	77
Ribbed hose	927	681	667	893	560	256
Men's full-fashioned	99	118	171	129	105	70
Men's seamless half-hose	36,204	35,030	26,734	24,662	16,131	14,430
Silk	1		69	19	21	8
Nylon		6	230	450	295	484
Rayon	9,124	8,180	8,566	8,634	6,140	4,375
Cotton	15,914	14,875	13,182	12,156	7,953	7,557
Wool	11,165	11,969	4,687	3,401	1,722	2,006
Men's slack socks	12,608	13,564	21,885	21,911	25,939	26,507
Silk	(2)	(2)	40	49	33	4
Nylon	(2)	(2)	140	648	828	2,280
Rayon	(2)	(2)	6,491	8,143	9,444	6,756
Cotton	(2)	(2)	12,007	11,657	14,609	16,457
Wool	(2)	(2)	3,206	1,414	1,025	1,010
Cotton bundle goods	5,902	5,248	5,216	5,627	6,077	5,311
Woolen bundle goods	3,267	3,704	2,104	1,830	1,747	1,642
Athletic socks	1,192	847	2,302	1,610	1,806	2,108
Crew socks	(3)	(3)	3,528	3,239	2,785	2,994
Children's and infants'	5,224	6,281	8,150	8,221	8,408	8,563
Anklets, total	30,882	28,888	37,138	32,195	30,806	29,964
Misses' and women's	20,637	18,816	25,012	16,680	13,449	14,099
Men's and boys'	1,952	1,986	3,015	3,673	3,382	3,245
Children's	(2)	(2)	(2)	5,809	6,750	6,690
Infants'	8,294	8,085	9,111	6,033	7,225	5,930

[1] Less than 500 dozens.
[2] Not available.
[3] Included with men's slack socks.

Source: National Association of Hosiery Manufacturers, New York, N. Y.; published annually in Hosiery Statistics.

No. 945.—Shoes and Slippers (except Rubber Footwear)—Production by Class: 1939 to 1949

[Thousands of pairs]

CLASS	1939	1947	1948 [1]	1949
Total	435,259	484,964	462,320	473,005
Dress and work shoes	361,578	398,084	347,281	336,460
Men's dress, including moccasin type dress shoes	76,637	84,957	76,761	70,862
Men's work, including moccasins	28,125	21,786	27,423	25,955
Youths' and boys'	17,316	19,829	17,165	16,674
Women's, including sandal type dress shoes	168,777	182,816	140,266	141,921
Misses', including sandal type dress shoes	46,091	27,026	26,354	25,349
Children's		26,262	24,378	22,264
Infants'	24,632	20,906	20,193	20,196
Babies'		14,502	14,741	13,239
Slippers for housewear	49,663	47,652	42,700	54,376
Athletic shoes	4,144	4,233	3,773	3,193
Play shoes	19,874	31,839	65,955	76,155
Footwear, not specified by kind		3,156	2,611	2,821

[1] Includes establishments accounting for about 96 percent of total output.

Source: Department of Commerce, Bureau of the Census; 1939 and 1947, Census of Manufactures reports; 1948 and 1949, Facts for Industry Series M68A.

No. 946.—Printing and Publishing—Receipts: 1937 to 1947

[For number and circulation of newspapers and periodicals, see table 546]

CLASS	VALUE (THOUSANDS OF DOLLARS)		
	1937	1939	1947
Aggregate value and receipts [1]	**2,303,178**	**2,309,062**	**5,711,872**
Newspapers and periodicals published	1,269,523	1,254,714	2,837,861
Newspapers	861,688	845,687	1,792,338
Subscriptions and sales	287,508	306,192	599,925
Advertising	574,180	539,495	1,192,413
Periodicals	407,835	409,027	1,045,523
Subscriptions and sales	171,961	184,572	419,782
Advertising	235,874	224,455	625,741
Books and pamphlets [1]	239,128	254,987	608,792
Books published	159,868	149,380	435,134
Pamphlets published	8,389	15,000	20,656
Printed for publication by others [1]	70,871	90,607	153,002
Greeting cards [1]	[2] 32,637	44,286	129,267
Publishers' sales	[3]	28,314	107,716
Printed for others [1]	[3]	15,972	21,551
Miscellaneous publishing [4]	[3]	[3]	123,474
Newspapers, ready prints and periodicals printed for others [1]	85,070	102,586	299,424
Letterpress	83,145	89,458	258,740
Lithographing	1,925	1,355	9,384
Engraving and plate printing			279
Gravure	[5]	11,773	31,021
Other printing	676,820	652,489	1,713,054
Letterpress	501,096	488,129	1,176,552
Lithographing	128,626	144,616	456,092
Engraving and plate printing	27,595	13,850	49,060
Gravure	18,603	5,894	31,350

[1] The inclusion of "Books and pamphlets printed for publication by others," "Greeting cards printed for others," "Newspapers, ready prints and periodicals printed for others," etc., results in duplication in the aggregate value and receipts, as follows: 1937, $158,466,000; 1939, $201,627,000; 1947, $482,292,000. (No separate data available for greeting cards for 1937.) These amounts represent receipts by commercial printers for work done by them for other printers or for publishers, and consequently enter twice into the aggregate value and receipts.

[2] Includes souvenir cards.

[3] No data.

[4] Includes publication of picture postcards, souvenir cards, sheet music, bluebooks, directories, catalogs, maps, atlases, globe covers, shopping news, and business service publications.

[5] Included with "Other printing, gravure."

Source: Department of Commerce, Bureau of the Census; reports of Census of Manufactures.

No. 947.—Chemicals—Production, by Kind, 1939 to 1949

[Data for chemicals shown are restricted to a selected group comprised for the most part of inorganic chemicals and related products which are sufficiently important economically to justify publication. Data for production by Government-owned arsenals, ordnance works, and certain plants operated for Government by private industry are excluded, except that data for chemicals manufactured by Tennessee Valley Authority are included]

CHEMICAL AND BASIS	Unit	1939	1946	1947	1948 [1]	1949 [1]
Ammonia, synthetic anhydrous	Short tons	310,822	[2] 725,537	1,117,212	1,089,786	1,294,057
Ammonium nitrate, original solution ($100\%NH_4NO_3$).	do	(3)	724,899	1,047,792	988,342	1,018,706
Ammonium sulfate, synthetic (technical) [4]	M pounds	(3)	313,306	394,053	390,878	1,078,185
Calcium arsenate ($100\%Ca_3(AsO_4)_2$)	do	[5] 41,349	35,392	47,187	(6)	(6)
Calcium carbide (commercial)	Short tons	(3)	570,138	608,337	682,934	605,356
Calcium phosphate:						
Monobasic ($100\%CaH_4(PO_4)_2$)	M pounds	74,076	74,986	71,734	72,529	(3)
Dibasic ($100\%CaHPO_4$)	do	(3)	71,587	77,537	88,291	(3)
Carbon, activated [7]	do	32,336	65,102	71,097	66,031	67,115
Carbon dioxide:						
Liquid and gas	do	(3)	217,241	243,880	244,084	254,160
Solid (dry ice)	do	356,894	644,699	723,165	758,818	807,581
Chlorine, gas	Short tons	514,401	1,165,126	1,446,865	1,621,031	1,766,598
Chrome green (C. P.)	M pounds	10,029	17,871	13,982	12,672	10,255
Chrome yellow and orange (C. P.)	do	[8] 38,933	43,122	48,972	49,481	36,319
Hydrochloric acid ($100\%HCl$)	Short tons	123,831	341,580	425,105	443,651	483,363
Hydrofluoric acid, anhydrous and technical ($100\%H_2F_2$).	M pounds	14,842	42,921	55,182	67,736	55,673
Hydrogen	Mil. cu. ft	(3)	17,605	21,936	27,840	29,510
Lead arsenate (acid and basic)	M pounds	59,569	56,667	30,187	(6)	(6)
Methanol (natural) ($100\%CH_3OH$)	M gallons	4,005	2,306	2,525	2,380	2,030
Molybdate chrome orange (C. P.)	M pounds	(3)	4,896	4,456	5,800	5,285
Nitric acid ($100\%HNO_3$)	Short tons	167,740	573,827	1,190,060	1,132,819	1,129,521
Oxygen	Mil. cu. ft	(3)	10,868	13,793	15,948	14,466
Phosphoric acid:						
Total ($50\%H_3PO_4$)	Short tons	(3)	894,615	1,038,414	1,215,937	1,327,847
From phosphorus ($50\%H_3PO_4$)	do	(3)	440,056	555,176	606,251	730,751
From phosphate rock ($50\%H_3PO_4$)	do	(3)	454,559	483,238	609,686	597,096
Silver nitrate ($100\%AgNO_3$)	M ounces	(3)	47,857	40,232	50,804	41,025
Soda ash (commercial sodium carbonate):						
Ammonia soda process—						
Total wet and dry ($98\text{–}100\%Na_2CO_3$) [9]	Short tons	2,826,000	4,284,231	4,519,144	4,575,452	3,916,016
Finished light ($98\text{–}100\%Na_2CO_3$) [10]	do	----------	2,079,959	2,194,395	2,317,575	2,051,405
Finished dense ($98\text{–}100\%Na_2CO_3$)	do	----------	1,546,746	1,641,452	1,534,730	1,324,924
Natural (Na_2CO_3 equivalent) [11]	do	121,858	209,411	281,132	297,474	203,264
Sodium bicarbonate (refined) ($100\%NaHCO_3$).	do	[12] 150,913	188,945	181,145	160,915	153,787
Sodium bichromate and chromate	do	58,164	85,490	87,874	95,975	75,656
Sodium hydroxide (caustic soda): [13]						
Electrolytic process—						
Liquid ($100\%NaOH$)	do	512,492	1,129,956	1,386,995	1,587,831	1,656,492
Solid ($100\%NaOH$)	do	----------	192,952	247,257	303,971	257,418
Lime—soda process—						
Liquid ($100\%NaOH$)	do	532,914	742,932	747,247	769,697	566,230
Solid ($100\%NaOH$)	do	----------	226,349	244,992	256,951	169,086
Sodium phosphate:						
Monobasic ($100\%NaH_2PO_4$)	do	(3)	11,961	14,214	12,344	12,722
Dibasic ($100\%Na_2HPO_4$)	do	32,382	59,328	83,340	86,455	129,041
Tribasic ($100\%Na_3PO_4$)	do	116,731	94,963	89,055	80,198	70,367
Meta ($100\%NaPO_3$)	do	(3)	26,088	30,662	35,045	27,823
Tetra ($100\%Na_4P_2O_7$)	do	48,691	52,149	56,169	66,369	78,376
Sodium silicate (soluble silicate glass, liquid and solid) (anhydrous).	do	(3)	412,357	478,747	486,313	446,202
Sodium sulfate:						
Anhydrous (refined) ($100\%Na_2SO_4$)	do	(3)	122,573	135,088	169,018	136,276
Glauber's salt ($100\%Na_2SO_4.10H_2O$) [11]	do	(3)	167,153	197,963	183,630	152,878
Salt cake (crude) (commercial) [11]	do	(3)	527,746	627,331	656,438	537,843

For footnotes, see next page.

No. 947.—Chemicals—Production, by Kind, 1939 to 1949—Continued

CHEMICAL AND BASIS	Unit	1939	1946	1947	1948 [1]	1949 [1]
Sulfuric acid:						
Gross (100% H_2SO_4) [14]	Short tons	4,795,003	9,319,652	10,574,941	11,014,364	10,884,761
Chamber process (100% H_2SO_4)	do	2,120,963	3,099,016	3,325,887	3,045,883	2,668,626
Contact process (gross) (100% H_2SO_4) [14]	do	2,674,040	6,220,636	7,249,054	7,968,481	8,216,135
Contact process (new) (100% H_2SO_4) [14]	do		5,676,232	6,632,711	7,249,468	7,511,228
Fortified spent acid (100% H_2SO_4)	do		544,404	616,343	719,013	704,907
Zinc yellow (zinc chromate) (C. P.)	do			3,378	4,752	5,252

[1] Preliminary.
[3] Includes data for small amount of aqua ammonia reported by 1 company.
[3] No comparable data.
[4] Excludes byproduct coke-oven production. The 1949 data include 53,870,000 pounds of synthetic ammonium sulfate produced in coke plants.
[5] Proportion of estimate, 5 percent.
[6] Not shown separately to avoid disclosure of individual operations.
[7] Includes data for deodorizing, decolorizing, and water purification grades. Data for gas-mask solvent recovery grades excluded.
[8] Includes data for molybdate chrome orange.
[9] Includes quantities diverted to manufacture of caustic soda and sodium bicarbonate and quantities processed to finished light and finished dense soda ash.
[10] Excludes quantities converted to finished dense soda ash.
[11] Collected in cooperation with Bureau of Mines.
[12] Proportion of estimate, 3 percent or less.
[13] Liquid production figures represent total production for each process, including quantities later evaporated to solid caustic and reported as such.
[14] Includes sulfuric acid of oleum grades.

Source: Department of Commerce, Bureau of the Census; 1939 from Census of Manufactures; 1946–49 compiled from manufacturers' reports and published in Facts for Industry Series M19A. Monthly data published currently.

No. 948.—Synthetic Organic Chemicals—Production and Sales, by Group: 1947 and 1948

GROUP	1947			1948		
	Production (1,000 lbs.)	Sales (1,000 lbs.)	Sales value ($1,000)	Production (1,000 lbs.)	Sales (1,000 lbs.) [1]	Sales value ($1,000) [1]
ORGANIC CHEMICALS, CYCLIC						
Intermediates	2,623,118	1,445,732	189,314	2,877,761	1,136,271	182,353
Finished products	2,468,297	2,346,080	934,677	2,681,731	2,222,535	935,534
Dyes	212,307	205,210	148,154	201,376	186,782	163,833
Color index	172,803	166,764	94,368	151,967	142,841	95,575
Prototype	21,439	21,398	31,205	27,513	23,933	38,306
Ungrouped	18,065	17,048	22,581	21,896	20,008	29,952
Color lakes and toners	37,898	34,774	38,240	40,880	34,300	39,181
Medicinals	42,841	36,439	218,265	36,345	32,833	232,252
Flavor and perfume materials	14,605	12,168	17,764	15,445	12,536	16,713
Plastics and resin materials	737,714	662,284	188,688	922,993	748,944	185,763
Rubber processing chemicals	85,830	74,353	31,008	81,851	60,331	26,998
Elastomers (synthetic rubbers)	915,995	964,292	179,449	882,292	749,988	138,738
Miscellaneous [2]	421,107	356,560	113,109	500,549	396,871	132,056
ORGANIC CHEMICALS, ACYCLIC						
Intermediates and finished products	10,818,165	6,205,656	1,077,106	12,890,946	6,111,447	1,031,667
Medicinals	6,815	5,148	14,981	7,290	5,407	15,419
Flavor and perfume materials	6,274	5,728	8,298	6,748	6,481	9,997
Plastics and resin materials	513,985	472,455	242,626	562,675	494,887	186,549
Rubber-processing chemicals	14,892	14,225	11,594	14,164	11,360	9,392
Elastomers (synthetic rubbers)	287,243	295,100	81,972	290,634	294,179	97,652
Miscellaneous [2]	9,988,956	5,413,000	717,635	12,009,435	5,299,133	712,658

[1] Not strictly comparable with 1947 and earlier years since 1948 exclude quantity and value of interplant transfers.
[2] Includes plasticizers and surface-active agents.

Source: U. S. Tariff Commission; annual report, Synthetic Organic Chemicals, United States Production and Sales.

No. 949.—Industrial Explosives Manufactured and Sold in the United States: 1925 to 1948

[In thousands of pounds. Excludes exports]

YEAR	Total	Permissible explosives [1]	High explosives other than permissible	BLACK BLASTING POWDER	
				Granular	Pellet
1925	501,752	58,353	286,435	[2] 156,964	(2)
1926	535,890	67,685	310,518	[2] 157,687	(2)
1927	499,011	63,847	303,468	[2] 131,696	(2)
1928	475,251	60,708	292,785	98,004	23,754
1929	509,708	62,669	326,993	86,818	33,227
1930	445,090	53,826	291,391	63,139	36,735
1931	337,565	41,578	216,157	46,300	33,530
1932	233,887	32,225	137,908	35,793	27,961
1933	255,987	33,927	157,849	33,887	30,323
1934	314,768	39,208	206,625	37,193	31,742
1935	308,381	39,170	200,324	34,223	34,665
1936	391,605	47,859	262,047	40,420	41,278
1937	404,744	49,579	288,924	29,837	36,404
1938	332,130	41,859	238,576	23,552	28,143
1939	386,438	49,950	278,250	28,322	29,915
1940	423,369	58,436	305,180	29,084	30,670
1941	481,927	70,612	351,857	27,882	31,576
1942	499,255	84,022	359,699	24,167	31,367
1943	477,651	92,656	338,573	19,814	26,608
1944	464,111	102,538	318,613	16,282	26,677
1945	457,311	97,407	322,956	12,303	24,644
1946	536,315	100,258	399,233	13,539	23,285
1947	[3] 651,391	122,349	476,017	9,837	26,627
1948	[3] 725,227	126,282	550,086	8,236	25,004

USE	Total	Permissible explosives [1]	High explosives other than permissible	Black blasting powder
1947	**651,391**	**122,349**	**476,017**	**36,464**
Coal mining	302,618	121,432	130,719	33,905
Metal mining	102,313	39	102,249	25
Quarrying and nonmetallic mineral mining	111,374	703	109,118	1,554
Railway and other construction work	113,256	126	112,642	489
All other purposes	21,829	49	21,288	492
1948	**725,227**	**126,282**	**550,086**	**33,239**
Coal mining	330,600	125,185	159,258	30,623
Metal mining	116,010	56	115,909	46
Quarrying and nonmetallic mineral mining	125,762	823	123,135	1,717
Railway and other construction work	132,326	138	131,774	414
All other purposes	20,529	80	20,010	439

[1] Represents type of high explosives approved by Bureau of Mines as suitable for safe use in coal mines provided specifications of use are followed.
[2] Pellet powder (first manufactured for general sale in 1925) included with granular powder.
[3] Includes 16,562,000 liquid oxygen explosive in 1947, and 15,620,000 in 1948.

Source: Department of the Interior, Bureau of Mines; Production of Explosives in the United States.

No. 950.—Asphalt and Tar Roofing and Siding Products—Shipments: 1933 to 1949

PRODUCT AND UNIT OF MEASURE	1933	1938	1943	1944	1945	1946	1947	1948	1949
Asphalt roofing, total 1,000 squares	**24,737**	**34,610**	**51,349**	**48,889**	**49,157**	**60,864**	**71,461**	**59,939**	**52,858**
Smooth-surfaced ...do	13,838	15,027	19,236	16,336	15,832	19,421	22,482	16,344	13,119
Mineral-surfaced ...do	5,685	8,799	16,688	14,337	13,532	13,717	16,357	13,569	12,587
Strip shingles ...do	4,223	9,054	13,014	15,426	16,924	24,505	28,569	26,216	23,854
Individual shingles ...do	991	1,730	2,411	2,790	2,869	3,221	4,053	3,810	3,298
Asphalt sidings, total ...do	(1)	[2] 590	2,338	4,148	4,254	4,954	4,316	3,280	2,531
Roll form ...do	(1)	(1)	2,140	3,862	3,851	4,599	3,903	2,866	2,123
Shingle form ...do	(1)	(1)	198	286	403	355	413	414	408
Mineral-surfaced insulating board base siding ...1,000 squares	(1)	(1)	1,012	1,725	1,885	2,444	3,686	2,560	2,235
Asphalt board products 1,000 sq. ft	(1)	(1)	(1)	73,929	91,564	70,092	86,086	31,932	32,243
Saturated felts, total tons of 2,000 lb	(1)	(1)	(1)	312,890	327,266	296,087	457,870	538,042	501,093
Asphalt ...do	(1)	(1)	(1)	264,092	273,179	223,978	354,291	448,751	421,915
Tar ...do	(1)	(1)	(1)	48,798	54,087	72,109	103,579	89,291	79,178
Saturated and coated sheathings, total ...tons of 2,000 lb	(1)	(1)	(1)	10,561	14,221	15,699	37,619	14,619	10,296
Asphalt ...do	(1)	(1)	(1)	8,476	11,881	(3)	(3)	(3)	(3)
Tar ...do	(1)	(1)	(1)	2,085	2,340	(3)	(3)	(3)	(3)

[1] Not available.
[2] Represents brick and all other types of siding.
[3] Not shown separately, to avoid disclosing operations of individual companies.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and Facts for Industry Series M26D.

No. 951.—Rubber (Natural, Reclaimed, and Synthetic)—New Supply, Distribution, and Stocks: 1942 to 1949

[**In tons of 2,240 pounds.** Natural rubber refers to dry weights of all types, including liquid latex, guayule, etc. Synthetic includes GR-S, Neoprene, Butyl, and Butadiene-Acrylonitrile; reclaimed includes natural rubber reclaims for 1942 and 1943 and both natural and synthetic rubber reclaims for 1944–49]

ITEM	1942	1943	1944	1945	1946	1947	1948	1949
New supply, total	**591,094**	**591,109**	**1,142,138**	**1,209,761**	**1,444,034**	**1,489,544**	**1,506,102**	**1,295,753**
Domestic production, total	**307,548**	**536,072**	**1,023,367**	**1,064,218**	**1,035,650**	**800,097**	**755,204**	**617,719**
Natural		359	130	536	12			
Reclaimed	285,114	303,991	260,607	243,309	295,612	291,395	266,861	224,029
Synthetic	22,434	231,722	762,630	820,373	740,026	508,702	488,343	393,690
Imports, total	**283,546**	**55,037**	**118,771**	**145,543**	**408,384**	**689,447**	**750,898**	**678,034**
Natural	282,653	54,970	107,704	135,136	400,675	688,354	735,227	660,792
Reclaimed	893	67	24	(1)				
Synthetic			11,043	10,407	7,709	1,093	15,671	17,242
Distribution, total	**691,942**	**834,248**	**1,087,597**	**1,143,979**	**1,406,202**	**1,440,764**	**1,353,492**	**1,234,685**
Domestic consumption, total	**649,262**	**779,607**	**961,866**	**1,040,045**	**1,314,706**	**1,410,722**	**1,330,517**	**1,211,582**
Natural	376,791	317,634	144,113	105,429	277,597	562,661	627,332	574,522
Reclaimed	254,820	291,082	251,083	241,036	275,410	288,395	261,113	222,679
Synthetic	17,651	170,891	566,670	693,580	761,699	559,666	442,072	414,381
Exports, total	**42,680**	**54,641**	**125,731**	**103,934**	**91,496**	**30,042**	**22,975**	**23,103**
Natural	10,856	20,815	9,665	6,743	4,338	4,101	6,673	6,253
Reclaimed	30,405	15,678	11,800	13,413	14,461	14,556	11,428	10,367
Synthetic [2]	1,419	18,148	104,266	83,778	72,697	11,385	4,874	6,483
Stocks, end of year, total [3]	**469,858**	**233,090**	**287,514**	**350,324**	**387,926**	**227,347**	**289,304**	**232,936**
Natural	422,714	139,594	93,650	118,715	237,467	129,038	141,541	106,619
Reclaimed	42,532	46,201	43,832	28,155	33,666	35,943	32,630	28,263
Synthetic [4]	4,612	47,295	150,032	203,454	116,793	62,366	115,133	98,054

[1] Less than 0.5 long tons.
[2] Allocations for export, 1942, actual exports begin with 1943.
[3] Differences between "new supply" and "distribution" not precisely comparable with "stocks" due to year-end and inventory adjustments.
[4] Includes stocks shipped for export which had not yet cleared port.

Source: 1942–46, Office of Temporary Controls, Civilian Production Administration, and predecessor agencies; published in Facts for Industry Series 26–1. 1947–49, Department of Commerce, Office of Domestic Commerce. Monthly data published in Survey of Current Business.

No. 952.—Leather—Production, by Principal Types of Raw Stock: 1937 to 1949

[Cattle hide in thousands of hides, other figures in thousands of skins]

YEAR	Cattle hide	Calf and kip	Goat and kid	Sheep and lamb [1]	YEAR	Cattle hide	Calf and kip	Goat and kid	Sheep and lamb [1]
1937	22,380	12,027	46,554	34,232	1944	26,114	10,930	34,666	53,959
1938	19,047	12,991	31,905	28,941	1945	27,576	11,636	24,026	51,847
1939	22,095	14,027	40,419	39,384	1946	27,033	10,882	24,137	47,971
1940	21,013	11,387	37,697	37,920	1947	28,813	12,471	37,256	36,555
1941	28,099	13,098	45,355	51,865	1948	26,071	10,484	37,931	33,532
1942	30,822	12,264	41,122	53,634	1949	23,413	10,169	34,674	28,855
1943	25,656	11,112	37,351	59,315					

[1] Prior to 1940, includes skivers and excludes fleshers; beginning 1940, includes fleshers and excludes skivers.

Source: Tanners' Council of America. Monthly figures published in Survey of Current Business.

No. 953.—Leather Products, by Kind: 1939 and 1947

PRODUCT	PRODUCTION 1939	PRODUCTION 1947	PRODUCT	PRODUCTION 1939	PRODUCTION 1947
CATTLE HIDE AND KIP SIDE LEATHERS	*1,000 lbs.*	*1,000 lbs.*		*1,000 sq. ft.*	*1,000 sq. ft.*
Grains:			Calf and whole kip leathers	156,214	128,296
Sole leather	330,201	383,657	Upper (skins)	133,470	119,994
Vegetable tanned (backs, bends, sides)	241,338	218,428	Other [6]	22,744	8,302
Chrome or retan (backs, bends, sides)		20,003	Goat and kid leathers	210,916	180,626
Heads, bellies, shoulders, etc	[1] 88,863	145,226	Upper (skins)	153,829	148,001
Welting leather	7,933	7,270	Lining (skins)	54,274	25,962
Belting leather	(2)	16,722	Glove (skins)	2,123	
Curried (butts, butt bends)	6,107	15,360	Garment (skins)		820
Shoulders	(3)	1,362	Other	690	5,843
Mechanical leather (sides)	(2)	3,769	Cabretta	(2)	28,583
Harness leather (sides, backs)	7,668	5,385	Upper (skins)	(7)	7,075
Collar, skirting, lace, and latigo leather (sides)	9,414	6,930	Glove (skins)	22,320	17,611
	1,000 sq. ft.	*1,000 sq. ft.*	Garment (skins)		
Bag, case, and strap leather (sides)	21,245	44,645	Other	(2)	3,897
Upholstery leather—top grains and machine buffs (hides)	23,387	26,661	Sheep and lamb leathers	(2)	283,193
Upper leather, excluding patent (sides)	370,610	492,829	Upper (skins)	[8] 15,773	12,615
Patent leather (sides)	51,286	51,168	Lining (skins)	87,238	114,065
Glove leather, excluding athletic (sides)	10,633	10,025	Fancy (skins)	14,272	12,137
Garment leather (sides)		13,018	Glove (skins)	142,786	22,141
Flat leather, handbag leather, and other fancy leather (sides)	3,962	10,609	Garment (skins)		50,499
Other	(2)	38,347	Skivers	31,371	24,034
Finished splits (including deep buffs and buffings)	(3)	276,708	Fleshers, including chamois	4,151	10,654
Bottom stock	(4)	51,404	Textile and roller (skins)	3,755	4,761
Upper	39,330	51,901	Other	(3)	32,287
Lining	138,186	79,542	Shearlings (skins)	19,050	35,005
Glove		55,493	Horse, colt, mule, ass, and pony leathers	(3)	53,436
Garment		6,041	Sole	3,960	3,408
Upholstery, incl. beef buffs	10,193	14,683	Upper	11,592	8,235
Other	(2)	17,644	Glove	25,679	13,031
			Garment		22,552
			Other	(2)	6,210
			Kangaroo and wallaby leather (skins)	5,529	8,853
			Deer and elk leathers	7,648	7,599
			Reptile leather	(3)	(3)
			Aquatic leather	(3)	(3)
			Pig and hog leathers, incl. peccary, carpincho, bacon rind and strips, etc	837	20,206
			Other animals	(3)	2,668

[1] Includes belting leather, except belting butts-curried.
[2] Not available.
[3] Included with cattle hide and kip side sole leathers.
[4] Included with lining, glove, and garment finished splits.
[5] Includes bottom stock splits.
[6] Includes lining and fancy calf and whole kip leathers.
[7] Included with sheep and lamb upper leather.
[8] Includes cabretta upper leather.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 954.—Pressed and Blown Glassware—Quantity and Value of Shipments, by Class: 1948 and 1949

[Includes only products manufactured from glass produced in reporting establishment]

CLASS	Unit of measure	1948		1949	
		Quantity	Value ($1,000)	Quantity	Value ($1,000)
Shipments, total value			242,627		242,418
Tumblers, goblets, and other stemware	Thous. of doz.	65,596	46,790	61,328	46,322
Cooking ware [1]	Thous. pieces	63,796	12,062	44,729	8,436
Ornamental, decorative, novelty glassware, and smokers' accessories, total.			12,280		11,212
Lighting glassware, total			63,299		76,956
Electric-light bulb blanks, electronic-tube blanks (including radio, x-ray, radar, and special tubes), and fluorescent tubes.			44,671		60,996
Bowls, all types			3,124		2,805
Enclosing globes, all types			3,206		2,953
Shades, reflectors, and torchères			5,408		5,184
Railroad, marine, and traffic lighting glassware			1,859		1,045
Lamp chimneys	Thous. of doz.	1,204	1,017	1,109	994
Lantern globes (oil and electric)	Thous. of doz.	682	1,142	354	613
All other lighting glassware			2,872		2,366
All other pressed and blown glassware (except glass containers). [2]			108,196		99,492

[1] Heat-resistant, heat-treated, and annealed.
[2] Includes tubing (except fluorescent and neon), technical, scientific, and industrial glassware.

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M77E.

No. 955.—Glass Containers—Direct Exports and Domestic Production and Shipments, by Kind: 1947, 1948, and 1949

[In thousand gross]

ITEM	1947		1948		1949	
	Production	Shipments	Production	Shipments	Production	Shipments
Total	115,344	110,170	98,679	97,333	90,767	89,827
Direct exports		4,489		3,369		2,377
Domestic production and shipments:						
Narrow-neck, total	74,843	68,026	63,029	58,746	56,210	53,637
Food	35,163	10,679	33,571	9,852	32,892	8,835
Medicinal and health supplies		11,422		11,822		11,659
Chemical, household, and industrial		5,367		5,729		5,989
Toiletries and cosmetics		4,870		4,931		5,172
Beverage, returnable	11,694	10,377	8,588	7,792	6,072	5,274
Beverage, nonreturnable			17	13	57	50
Beer, returnable	11,378	9,952	5,329	4,100	1,986	1,995
Beer, nonreturnable	3,375	3,039	3,820	3,565	3,014	3,001
Liquor	10,564	9,902	8,403	7,760	8,604	8,241
Wine	2,669	2,418	3,301	3,182	3,585	3,421
Wide-mouth, total	40,501	37,655	35,650	35,218	34,557	33,813
Food	32,261	24,591	28,683	22,937	28,253	22,086
Medicinal and health supplies		3,101		3,018		2,903
Chemical, household, and industrial		1,023		970		1,073
Toiletries and cosmetics		1,373		1,540		1,431
Dairy products	4,059	3,891	3,366	3,247	3,442	3,311
Fruit jars	2,350	2,003	2,010	1,937	1,430	1,647
Jelly glasses	214	171	184	180	114	116
Packers' tumblers	1,617	1,502	1,407	1,389	1,318	1,246

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M77C.

No. 956.—Refractories—Shipments: 1948 and 1949

PRODUCT	Unit of measure	1948 Quantity	1948 Value f. o. b. plant	1949 Quantity	1949 Value f. o. b. plant
			$1,000		*$1,000*
Clay refractories, total			119,359		102,144
Fire-clay brick, standard and special shapes, except superduty.	M 9″ equiv.	649,745	58,948	514,378	48,819
Superduty fire-clay brick, standard and special shapes	do.	62,025	8,321	51,586	7,680
Insulating fire-brick, standard and special shapes	do.	36,804	5,997	33,315	5,840
High-alumina brick, standard and special shapes (50% Al_2O_3 and over, except fused alumina and mullite).	do.	20,708	4,896	16,346	4,392
Ladle brick	do.	184,052	9,526	159,790	8,557
Glass-house pots, tank blocks, upper structure, and floaters	Short ton	25,505	3,404	17,564	2,539
Hot-top refractories	M 9″ equiv.	53,284	4,760	34,284	3,261
Sleeves, nozzles, runner brick, and tuyeres	do.	51,845	5,662	39,189	4,802
High-temperature bonding mortars	Short ton	68,254	4,675	53,829	4,146
Plastic refractories (including wet and dry ramming mixtures).	do.	109,063	4,250	77,080	3,701
Cast and castables (hydraulic setting)	do.	51,754	3,272	47,675	3,430
Ground crude fire clay and high-alumina material	do.	350,432	3,191	327,864	2,943
Other clay refractories			2,457		2,034
Nonclay refractories, total			94,384		82,027
Silica brick and shapes	M 9″ equiv.	318,203	34,118	261,719	30,320
Magnesite and magnesite-chrome (magnesite predominating) brick and shapes.	do.	24,556	11,717	18,650	9,279
Chrome and chrome-magnesite (chrome predominating) brick and shapes.	do.	41,077	16,073	34,777	14,312
Graphite and other carbon crucibles and retorts	Short ton	11,431	5,384	7,328	3,628
Other graphite and carbon refractories	do.	1,157	445	814	298
High temperature bonding mortars	do.	36,907	3,697	30,820	3,332
Plastic refractories (including wet and dry ramming mixtures).	do.	88,328	5,630	72,015	4,934
Dead-burned magnesia and magnesite	do.	305,000	[1] 11,421	218,000	[1] 8,606
Other nonclay brick and shapes (including silicon carbide, fused alumina, fused magnesia, mullite, kyanite, sillimanite, zirconia, forsterite, etc.).			14,704		13,049
Other nonclay refractory materials sold in lump or ground form (including ground silica and nonclay cast and castables).			2,616		2,875

[1] Excluded from total to avoid duplication.

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M27C.

No. 957.—Concrete Products—Production and Shipments: 1945, 1946, and 1947

PRODUCT AND UNIT OF MEASURE	Production, quantity 1945	Production, quantity 1946	1947 Shipments and interplant transfers Quantity	1947 Shipments and interplant transfers Value (1,000) f. o. b. plant	1947 Production, quantity
Concrete products, total				$327,266	
Concrete block and brick, total				177,816	
Block: Light-weight aggregate (cinder, expanded slag, etc.)—M block (8″ x 8″ x 16″ equiv.)	175,314	386,389	460,782	77,296	471,438
Heavy-weight aggregate—do.	225,053	553,718	563,350	94,228	570,585
Brick—M brick	62,607	218,167	291,052	6,292	296,602
Concrete pipe, total—M tons		(1)	4,333	82,446	4,463
Culvert pipe—do.		1,478	1,589	28,111	1,648
Sewer pipe: Reinforced—do.		717	525	10,908	551
Nonreinforced—do.	(1)		560	9,528	580
Pressure pipe—do.		(1)	422	15,470	423
Irrigation pipe—do.		(1)	721	10,268	742
Other pipe (including drain tile and conduits)—do.		(1)	516	8,161	519
Other precast concrete products, total				67,004	
Roof-and-floor slabs and tile—M sq. ft.			40,617	13,522	39,542
Burial vaults and boxes—Number			306,900	15,839	400,437
Laundry trays—do.			506,007	3,823	511,073
Cast stone for architectural purposes (including window sills, lintels, ashlar, coping, posts, ornamental columns, interior facings, and other trim)	(1)	(1)		7,915	
Roof-and-floor joists and beams—M lin. ft.			2,319	1,481	2,364
Silo staves—M staves			10,211	5,536	10,446
Other precast concrete products (including piling, posts and poles, crossing slabs, garden furniture, storage and septic tanks, catch-basin covers, shower receptors, gravestones, and prefabricated housing units)				18,888	

[1] Not available.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and Facts for Industry Series M26C.

No. 958.—Structural-Clay Products—Production and Shipments, by Kind: 1946 to 1949

PRODUCT AND UNIT OF MEASURE	1946	1947	1948	1949
Unglazed brick:				
Production (1,000 standard bricks)	4,868,763	5,142,343	5,842,479	5,409,286
Shipments: Quantity (do.)	4,643,787	5,011,556	5,706,838	5,161,411
Value (1,000 dollars)	91,926	111,915	134,693	125,652
Unglazed hollow facing tile:				
Production (1,000 brick equivalent)	100,422	135,386	[1] 335,292	[1] 370,505
Shipments: Quantity (do.)	100,966	129,850	[1] 321,841	[1] 358,352
Value (1,000 dollars)	2,711	3,985	[1] 16,029	[1] 18,744
Glazed hollow facing tile:				
Production (1,000 brick equivalent)	174,744	229,752	([1])	([1])
Shipments: Quantity (do.)	171,866	214,273	([1])	([1])
Value (1,000 dollars)	8,052	10,331	([1])	([1])
Vitrified paving brick:				
Production (1,000 bricks)	22,792	24,771	([2])	([2])
Shipments: Quantity (do.)	25,376	20,727	([2])	([2])
Value (1,000 dollars)	833	769	([2])	([2])
Unglazed structural tile:				
Production (short tons)	1,273,199	1,237,239	1,262,953	1,328,616
Shipments: Quantity (do.)	1,243,661	1,183,659	1,250,904	1,239,191
Value (1,000 dollars)	11,490	12,319	13,364	13,732
Vitrified clay sewer pipe:				
Production (short tons)	1,080,761	1,394,687	1,496,247	1,454,039
Shipments: Quantity (do.)	1,077,584	1,341,523	1,432,512	1,352,820
Value (1,000 dollars)	30,288	42,984	46,731	44,485
FLOOR AND WALL TILE AND ACCESSORIES				
Glazed—				
Production (1,000 square feet)	43,612	77,387	[3] 104,061	[3] 99,126
Shipments: Quantity (do.)	43,291	75,601	[3] 102,251	[3] 93,397
Value (1,000 dollars)	15,262	33,702	[3] 46,646	[3] 43,855
Unglazed (except quarry tile)—				
Production (1,000 square feet)	12,802	26,431	([3])	([3])
Shipments: Quantity (do.)	12,973	25,450	([3])	([3])
Value (1,000 dollars)	3,447	8,274	([3])	([3])
Quarry tile:				
Production (1,000 square feet)	5,114	7,374	([3])	([3])
Shipments: Quantity (do.)	5,409	6,847	([3])	([3])
Value (1,000 dollars)	797	1,674	([3])	([3])
Drain tile:				
Production (short tons)	464,718	933,960	750,259	661,183
Shipments: Quantity (do.)	464,096	894,920	734,331	630,649
Value (1,000 dollars)	5,613	13,048	10,866	9,624
All other clay construction products,[4] value of shipments (1,000 dollars)	8,337	21,903	([2])	([2])

[1] Glazed hollow facing tile included with unglazed hollow facing tile.
[2] Not available.
[3] Unglazed floor and wall tile and quarry tile included with glazed floor and wall tile.
[4] Includes glazed brick, flooring brick, acid-proof brick, silo and cornerib tile, architectural terra cotta, roofing tile, wall coping, flue lining, conduits, stove lining, and chimney pipe, tops, and thimbles.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports, and Facts for Industry Series M26A and M26B.

No. 959.—Pig Iron and Ferro-Alloys—Production, by Disposition, Kind, and Fuel and Materials Used: 1900 to 1948

[In thousands of short tons (2,000 lbs.)]

ITEM	1900	1910	1920	1925	1930	1935	1940	1945	1947	1948
Total pig iron and ferro-alloys	15,444	30,580	41,357	41,105	35,562	23,937	47,399	54,919	60,117	61,912
By disposition:										
For sale	(1)	(1)	12,011	10,070	7,933	4,505	6,837	8,351	9,121	8,705
For maker's use	(1)	(1)	29,346	31,034	27,630	19,433	40,561	46,569	50,996	53,206
By kind:										
Basic	1,201	10,175	18,746	22,027	20,601	15,253	33,988	39,867	44,805	46,315
Bessemer and low-phosphorus	8,936	12,595	13,510	10,550	8,193	4,747	7,835	8,570	7,513	8,116
Foundry (incl. ferro-silicon)	3,781	5,892	6,673	6,059	4,436	2,137	2,791	3,067	3,756	3,612
Malleable	194	944	1,468	1,740	1,760	1,350	1,832	2,350	2,875	2,591
Forge	888	632	356	270	57	6	4			
Ferromanganese, spiegeleisen, and all other	442	342	604	458	517	444	949	1,066	1,168	1,278
By fuel:										
Coke [2]	13,135	29,409	40,656	40,885	35,455	23,854	47,312	54,871	[3] 60,117	[3] 61,912
Anthracite	1,878	727	339							
Charcoal	431	444	362	220	109	84	86	48	(3)	(3)
Materials used:										
Iron ore, briquettes, etc	27,027	57,948	74,424	73,304	[4] 60,101	[4] 39,405	[4] 79,672	[4] 91,276	[4] 101,940	[4] 106,128
Cinder, scale, scrap, etc	1,792	3,136	5,585	5,619	[4] 7,052	[4] 4,768	[4] 7,480	[4] 9,749	[4] 9,168	[4] 9,632
Coke [5]	(1)	(1)	42,046	39,296	[4] 31,168	[4] 20,272	[4] 40,451	[4] 48,965	[4] 55,412	[4] 57,293
Limestone	8,313	16,271	19,964	16,973	[4] 12,431	[4] 8,425	[4] 16,678	[4] 20,863	[4] 24,032	[4] 26,424
Total number furnaces Dec. 31 [6]	406	473	452	395	300	258	231	241	239	246
Furnaces in blast Dec. 31 [6]	232	206	216	238	97	124	206	201	229	237

[1] Not available.
[2] Includes ferro-alloys made in electric furnaces.
[3] Charcoal included with coke.
[4] Materials consumed in manufacture of pig iron only.
[5] Coke and bituminous coal 1900 to 1925.
[6] Or as of Jan. 1 of following year.

Source: American Iron and Steel Institute, annual report.

No. 960.—Pig Iron and Ferro-Alloys—Production by States: 1941 to 1948

[In thousands of short tons (2,000 pounds)]

STATE	1941	1942	1943	1944	1945	1946	1947	1948
Grand total	56,687	60,903	62,770	62,866	54,919	46,515	60,117	61,912
Pig iron, total	55,101	59,076	60,811	61,007	53,223	44,779	58,329	60,055
Pennsylvania	16,895	18,065	18,575	18,510	16,171	13,251	17,563	17,742
Ohio	12,787	13,140	13,725	13,371	11,259	9,534	12,317	12,471
Indiana, Michigan	7,725	8,114	8,208	8,474	7,436	6,190	7,779	8,032
Illinois	5,355	5,850	5,950	5,686	5,045	4,357	5,600	5,513
Maryland, West Virginia, Kentucky, Tennessee, Texas	[1] 3,727	4,391	4,595	4,781	4,327	3,606	4,481	5,468
Alabama	3,696	4,082	3,780	3,949	3,582	3,149	3,929	4,013
Massachusetts, New York	3,758	4,221	4,178	3,947	3,295	2,780	3,869	3,875
Minnesota, Colorado, Utah, California	[2] 1,158	1,212	1,800	2,289	2,109	1,912	2,792	2,941
Ferro-alloys, total	1,586	1,827	1,959	1,859	1,696	1,736	1,788	1,856
Pennsylvania	620	627	603	637	573	437	553	616
New York, New Jersey	494	540	544	478	449	701	431	451
Virginia, West Virginia, South Carolina, Alabama, Tennessee	160	308	422	380	322	265	415	418
Ohio, Indiana, Illinois, Iowa, Colorado, Washington	311	352	391	363	351	333	389	371

[1] Includes production for Virginia.
[2] Includes production for Iowa.

Source: American Iron and Steel Institute, annual report.

No. 961.—Pig Iron and Ferro-Alloys and Steel Ingots and Castings—Production, Exports, and Imports: 1871 to 1948

[**In short tons (2,000 pounds).** Prior to 1901 exports and imports are for years ending June 30 following year specified; calendar years thereafter. Imports are imports for consumption beginning with 1933. All production figures are for calendar years. For figures for earlier years, see *Abstract* for 1931]

Yearly average or year	Pig iron and ferro-alloys: Production	Pig iron and ferro-alloys: Exports of domestic	Pig iron and ferro-alloys: Imports	Steel ingots and castings, production [1]	Year	Pig iron and ferro-alloys: Production	Pig iron and ferro-alloys: Exports of domestic	Pig iron and ferro-alloys: Imports	Steel ingots and castings, production [1]
1871–1875	2,518,088	8,301	154,102	[2] 436,575	1932	9,835,227	7,771	163,144	15,322,901
1876–1880	2,870,295	3,816	309,792	899,896	1933	14,947,074	12,625	219,838	26,020,229
1881–1885	4,817,228	5,948	364,325	1,850,540	1934	18,075,202	15,091	176,273	29,181,924
1886–1890	7,928,829	13,896	257,566	3,687,895	1935	23,937,423	19,840	211,901	38,183,705
1891–1895	9,108,976	25,741	61,351	5,236,824	1936	34,752,689	26,439	284,487	53,499,999
1896–1900	12,870,969	251,180	38,425	9,452,731	1937	41,582,550	916,160	180,625	56,636,945
1901–1905	20,428,425	50,921	352,537	17,212,083	1938	21,460,164	515,604	80,008	31,751,990
1906–1910	26,907,689	88,052	308,040	24,826,797	1939	35,677,097	238,224	129,497	52,798,714
1911–1915	30,820,405	226,252	148,681	31,783,886	1940	47,398,529	685,617	45,503	66,982,686
1916–1920	41,451,650	463,931	119,718	46,838,598	1941	56,686,604	610,729	28,844	82,839,259
1921–1925	34,132,119	41,444	405,785	41,138,917	1942	60,903,304	150,151	31,606	86,031,931
1926–1930	42,215,094	58,316	289,090	54,186,963	1943	62,769,947	231,068	28,056	88,836,512
1931–1935	17,486,488	14,521	177,424	27,553,544	1944	62,866,198	185,526	34,190	89,641,600
1936–1940	36,174,206	476,409	144,024	52,334,066	1945	54,919,029	122,819	74,193	79,701,648
1941–1945	59,629,017	260,059	39,378	85,410,090	1946	46,514,826	134,584	55,103	66,602,724
1930	35,562,429	28,385	204,340	45,583,421	1947	60,117,319	92,676	231,473	84,894,071
1931	20,637,516	17,280	115,965	29,058,961	1948	61,911,559	112,885	319,433	88,640,470

[1] Beginning 1934, includes only steel castings produced in foundries producing steel ingots.
[2] 1875 only.

Source: Production, American Iron and Steel Institute, annual report. Exports and imports, Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the U. S. and records.

No. 962.—Rolled and Miscellaneous Steel Products—Production, by Kind: 1925 to 1948

[**In short tons (2,000 pounds).** See also *Historical Statistics*, series J 170]

Kind	1925	1930	1935	1940	1945	1947	1948
Hot-rolled products, total	**37,393,395**	**33,054,568**	**26,840,298**	**48,660,369**	**59,811,669**	**66,202,144**	**69,191,952**
Plates	4,203,865	4,102,362	1,629,987	4,323,408	7,245,888	6,745,968	7,612,090
Sheets	4,588,452	3,932,944	5,796,624	11,705,956	12,067,487	16,450,776	17,924,671
Black plate	2,192,261	2,120,144	2,307,462	521,924	941	128,756	157,719
Strip	1,398,471	2,174,885	2,965,300	2,077,744	2,542,935	3,026,562	3,185,039
Strip and sheets for cold reduced black plate and tin plate	[1]	[1]	[1]	3,103,627	4,436,924	5,646,462	5,722,326
Hoops	229,655	89,425	100,634	97,074	51,891	59,543	47,769
Cotton ties and baling bands	398,905	51,737	27,685	44,918	34,216	50,499	65,318
Bars—merchant	6,338,433	4,627,810	4,142,944	6,459,263	9,649,412	9,314,803	9,589,946
Bars—concrete	917,937	952,169	624,243	1,425,998	834,806	1,466,822	1,560,928
Structural shapes	4,036,626	3,933,970	1,959,709	4,232,346	4,467,164	5,607,671	5,455,523
Steel piling	64,136	118,275	145,929	186,125	188,639	262,539	170,645
Rails	3,119,488	2,098,021	796,921	1,678,986	2,417,520	2,441,179	2,207,622
Long splice bars and tie plate bars	921,241	679,157	300,471	515,928	856,638	793,709	813,692
Skelp	3,617,340	3,003,892	1,514,328	2,709,000	2,894,023	3,450,460	3,617,703
Blanks, tube rounds or pierced billets for seamless tubes	[2]	1,397,935	1,067,776	2,320,966	3,384,489	3,517,521	3,937,990
Wire rods	3,186,015	2,630,432	2,733,689	4,351,848	4,531,157	5,376,003	5,430,603
Rolled forging billets	386,179	340,581	380,697	919,826	3,566,697	954,966	1,145,138
Blooms, billets, etc. for export	209	10,623	44,759	1,677,905	178,600	376,675	55,596
Rolled steel car wheels	[2]	[2]	83,714	191,102	291,375	347,301	329,480
All other	1,794,182	790,206	217,426	116,425	170,867	183,929	162,154
Miscellaneous products: [3]							
Tin plate and terneplate	1,856,730	1,882,619	1,996,960	2,738,581	2,827,483	3,757,141	4,008,488
Galvanized sheets	1,269,556	1,170,681	1,151,743	1,695,300	1,676,181	1,537,191	1,626,990
Galvanized formed products	89,110	73,047	67,245	84,854	58,717	153,899	125,852
Wire (plain)	[1]	[1]	2,177,816	3,071,824	3,544,826	4,462,444	4,586,557
Wire nails	772,687	478,071	443,596	648,593	583,048	776,251	846,653
Cut nails and spikes	36,805	22,996	19,748	24,377	15,279	27,677	30,017
Pipes and tubes (black)	[1]	[1]	2,276,544	4,272,684	6,030,243	6,612,648	7,376,446
Forgings made by rolling mills	434,414	[4] 532,978	[4] 352,390	[4] 623,101	[4] 1,655,746	[4] 542,971	[4] 597,577

[1] Not available.
[2] Included in all other.
[3] These are mostly further elaborations of products listed above.
[4] Including forged axles.

Source: American Iron and Steel Institute, annual report.

No. 963.—Steel—Production of Ingots and Steel for Castings: 1890 to 1948

[In short tons (2,000 pounds.) See also *Historical Statistics*, series J 165–169]

YEAR	Total [1]	OPEN HEARTH			Bessemer	Electric	Crucible
		Total	Basic	Acid			
1890	4,790,320	574,820	(2)	(2)	4,131,536	(2)	79,716
1900	11,410,928	3,805,911	2,850,502	955,409	7,486,942	(2)	112,629
1910	29,226,309	18,485,050	17,127,408	1,357,642	10,542,305	58,398	136,979
1915	36,009,160	26,520,594	24,985,772	1,534,822	9,281,079	77,741	127,436
1920	47,188,886	36,592,522	35,140,810	1,451,712	9,949,057	566,370	80,937
1925	50,840,747	42,598,627	41,537,823	1,060,804	7,530,837	689,373	21,910
1930	45,583,421	39,255,073	38,380,514	874,559	5,639,714	686,111	2,523
1935	38,183,705	34,401,280	34,004,585	396,695	3,175,235	606,471	719
1938	31,751,990	29,080,016	28,774,999	305,017	2,106,340	565,627	7
1939	52,798,714	48,409,800	47,828,700	581,100	3,358,916	1,029,067	931
1940	66,982,686	61,573,083	60,882,840	690,243	3,708,573	1,700,006	1,024
1941	82,839,259	74,389,619	73,312,851	1,076,768	5,578,071	2,869,256	2,313
1942	86,031,931	76,501,957	75,183,065	1,318,892	5,553,424	3,974,540	2,010
1943	88,836,512	78,621,804	77,207,870	1,413,934	5,625,492	4,589,070	146
1944	89,641,600	80,363,953	79,168,294	1,195,659	5,039,923	4,237,699	25
1945	79,701,648	71,939,602	71,069,876	869,726	4,305,318	3,456,704	24
1946	66,602,724	60,711,963	60,112,300	599,663	3,327,737	2,563,024	(3)
1947	84,894,071	76,873,793	76,209,268	664,525	4,232,543	3,787,735	(3)
1948	88,640,470	79,340,157	78,714,852	625,305	4,243,172	5,057,141	(3)

[1] Includes all other grades not shown separately, as follows: 1890, 4,248 tons; 1900, 5,445; 1910, 3,577; 1915, 1,710. Beginning 1935, figures include only that part of steel for castings which was made in foundries producing steel ingots.
[2] Not available.
[3] Included with electric steel.

Source: American Iron and Steel Institute, annual report.

No. 964.—Blast Furnaces and Steel Mills—Summary: 1889 to 1947

[Data for years prior to 1937 include figures for steel castings, thereafter such data are excluded]

YEAR	Number of establishments	Production and related workers (average number)	Wages ($1,000)	Value added by manufacture ($1,000) [1]
1889	719	171,181	89,273	151,415
1899	668	222,490	120,820	281,569
1909	654	278,505	187,807	399,013
1919	695	416,748	711,407	1,321,507
1923	658	424,913	696,761	1,289,910
1925	595	399,914	660,297	1,281,976
1927	602	389,270	645,534	1,219,534
1929	591	419,534	730,974	1,622,837
1931	526	278,206	357,645	623,199
1933	466	288,945	270,367	481,529
1935	468	374,808	458,584	893,681
1937	352	461,118	755,427	1,503,959
1939	334	388,441	598,037	1,234,631
1947	301	470,785	1,431,536	2,603,757
Blast furnaces:				
1937 [2]	87	23,075	38,001	127,644
1939 [2]	81	19,537	28,312	87,083
1947	86	32,697	93,598	328,060
Steel works and rolling mills:				
1937	265	438,043	717,425	1,376,314
1939	253	368,904	569,724	1,147,548
1947	215	438,088	1,337,938	2,275,697

[1] Value of products less cost of materials, supplies, fuel, electricity, and contract work. For 1889–1933, cost of contract work was not deducted.
[2] Includes data for 5 establishments in 1937 and 2 in 1939 engaged in production of sintered ore and flue dust and operated independently of blast furnaces.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 965.—Iron and Steel Castings—Shipments: 1945 to 1949

[**In short tons.** For malleable iron castings, data represent complete coverage. Data for gray iron castings and steel castings represent complete coverage through 1946; data for 1947-49 represent preliminary estimates of complete coverage, based on a sample of the foundries]

YEAR	Malleable iron castings	GRAY IRON CASTINGS				STEEL CASTINGS		
		Total	Pressure pipe and fittings	Soil pipe and fittings	All other gray iron castings	Total	Grade of steel	
							Carbon	Alloy
1945	790,731	9,578,295	602,663	203,033	8,772,599	1,942,477	1,434,473	508,004
1946	752,028	10,269,657	786,314	409,214	9,074,129	1,432,049	1,112,243	319,806
1947	895,054	12,540,960	1,031,626	577,189	10,932,145	1,625,055	1,241,005	384,050
1948	933,265	12,785,909	1,149,553	639,989	10,996,367	1,760,032	1,367,708	392,324
1949	713,107	10,549,284	1,029,743	563,310	8,956,231	1,243,502	944,232	299,270

Source: Department of Commerce, Bureau of the Census. Monthly data published in Facts for Industry Series M21A, M21B, and M22A.

No. 966.—Steel Castings for Sale—Production and Orders Booked, by Type of Casting: 1920 to 1949

[**In short tons.** Approximate coverage of industry is as follows: 1920-30, 80 percent; 1935, 90 percent; 1940-44, 96 percent; 1945-46, 100 percent; 1947-49, preliminary estimates of complete coverage, based on a sample of the foundries]

YEAR	PRODUCTION			ORDERS BOOKED LESS CANCELLATIONS		
	Total	Railway specialties	Miscellaneous	Total	Railway specialties	Miscellaneous
1920	(1)	(1)	(1)	997,358	429,643	567,715
1925				981,343	423,647	557,696
1930	991,872	368,690	623,182	884,433	333,199	551,234
1935	398,988	94,329	304,659	400,157	97,357	302,800
1940	797,947	290,255	507,692	816,919	266,418	550,501
1942	1,679,178	309,352	1,369,826	2,187,347	219,145	1,968,202
1943	1,928,645	248,664	1,679,981	2,333,420	352,760	1,980,660
1944	1,843,386	338,007	1,505,379	1,914,294	322,630	1,591,664
1945	[2] 1,484,957	[2] 311,833	[2] 1,173,124	1,529,912	352,382	1,177,530
1946	[2] 1,043,358	[2] 286,131	[2] 757,227	[3] 1,069,842	[3] 283,511	[3] 786,331
1947	[2] 1,203,504	[2] 341,987	[2] 861,517	[3] 1,330,081	[3] 449,432	[3] 880,649
1948	[2] 1,335,295	[2] 442,258	[2] 893,037	[3] 1,200,389	[3] 375,094	[3] 825,295
1949	[2] 865,297	[2] 232,976	[2] 632,321	[3] 633,626	[3] 111,599	[3] 522,027

[1] Not available.
[2] Shipments beginning with last quarter of 1945.
[3] Calculated from data on shipments and unfilled orders.

Source: Department of Commerce, Bureau of the Census. Monthly data published in Facts for Industry Series M22A.

No. 967.—Malleable Iron Castings—Shipments and Orders Booked: 1925 to 1949

[**In short tons.** Statistics represent coverage of approximately 90 percent for 1925-43. Thereafter coverage is complete and represents reports from 115 foundries]

YEAR	SHIPMENTS			NEW ORDERS LESS CANCELLATIONS		
	Total	To outside trades	For use by own company or by an affiliate or subsidiary, or parent company	Total	For outside trades	For use by own company or by an affiliate or subsidiary, or parent company
1925	794,174	(1)	(1)	750,761	(1)	(1)
1930	475,371			432,722		
1935	455,208			452,611		
1940	556,209	400,818	155,391	571,929	414,310	157,619
1941	832,173	619,365	212,808	884,881	663,688	221,193
1942	746,008	590,804	155,204	859,102	703,167	155,935
1943	844,639	653,884	190,755	1,054,224	826,422	227,802
1944	878,233	619,588	258,645	969,483	685,511	283,972
1945	790,731	520,887	269,844	766,711	426,159	340,552
1946	752,028	452,355	299,673	(1)	483,368	(1)
1947	895,054	513,228	381,826	(1)	447,975	(1)
1948	933,265	525,212	408,053	(1)	460,189	(1)
1949	713,107	370,967	342,140	(1)	294,317	(1)

[1] Not available.

Source: Department of Commerce, Bureau of the Census. Monthly data published in Facts for Industry Series M21B.

No. 968.—Iron and Steel, Finished Rolled—Production, Exports, and Imports: 1876 to 1948

[**In short tons (2,000 pounds).** Imports are imports for consumption beginning with 1933; general imports in earlier years. Blank spaces indicate no data available. See also *Historical Statistics*, series J 170 for data on total production]

Yearly average or year (calendar year)	Total production, finished rolled products	Rails			Plates and sheets			Merchant bar production [2]
		Production	Exports	Imports	Production	Exports	Imports [1]	
1876–1880		1,020,426	4,974	67,033				
1881–1885		1,426,531	4,464	131,009				
1886–1890	[3] 5,011,600	1,915,511	8,148	55,748	[3] 767,104		8,975	
1891–1895	6,129,591	1,416,438	15,288	1,173	846,516	1,691	26,761	
1896–1900	9,142,067	2,107,734	260,420	2,687	1,639,544	34,714	5,344	
1901–1905	15,311,416	3,242,555	252,836	48,392	3,017,980	44,246	6,907	[4] 4,024,833
1906–1910	20,730,629	3,627,104	339,622	4,439	4,540,594	177,622	4,588	3,897,499
1911–1915	24,920,084	3,091,824	424,247	26,589	6,028,088	466,372	3,220	4,222,754
1916–1920	34,507,928	2,945,047	616,920	23,959	9,235,794	1,016,396	1,765	7,050,073
1921–1925	30,458,732	2,794,109	274,737	35,530	8,875,380	488,464	4,265	5,375,343
1926–1930	39,562,938	2,971,808	178,599	22,228	11,797,300	536,823	27,580	7,080,924
1931–1935	20,002,332	828,436	46,310	5,780	6,891,694	181,332	14,569	3,356,504
1936–1940	38,066,554	1,334,946	139,217	6,511	13,664,259	791,090	8,963	6,217,207
1941–1945	62,735,684	2,211,836	276,472	14,372	21,370,112	1,307,781	1,853	11,284,428
1932	11,705,219	450,874	12,678	6,341	3,856,505	88,515	24,922	1,903,441
1933	18,743,296	466,252	46,459	7,171	6,962,648	121,902	10,643	2,973,655
1934	21,245,847	1,131,451	77,458	3,442	7,140,913	226,537	5,204	3,684,162
1935	26,840,298	796,921	57,873	6,337	9,734,073	253,738	13,141	4,767,187
1936	37,857,544	1,366,228	82,270	8,700	13,610,595	346,753	25,796	6,822,492
1937	41,178,356	1,619,228	165,964	9,294	15,721,261	885,199	10,095	6,755,012
1938	23,568,951	697,642	92,648	4,059	8,506,233	573,817	7,167	3,484,923
1939	39,067,553	1,312,647	66,183	8,718	13,931,919	729,366	1,606	6,138,350
1940	48,660,369	1,678,986	289,020	1,780	16,551,288	1,420,311	153	7,885,261
1941	62,324,187	1,927,851	169,542	7,672	20,293,071	1,054,180	125	10,978,698
1942	62,445,914	2,096,159	256,159	14,435	21,237,072	1,364,824	254	11,939,982
1943	63,292,673	2,126,996	311,861	7,384	22,543,040	1,531,567	468	11,858,047
1944	65,803,979	2,490,656	316,915	9,893	23,463,059	1,246,556	5,665	11,161,194
1945	59,811,669	2,417,520	327,883	32,474	19,314,316	1,341,777	2,751	10,484,218
1946	50,936,772	1,965,642	385,584	7,997	16,324,199	1,159,040	2,255	8,880,428
1947	66,202,144	2,441,179	500,582	10,267	23,325,500	1,272,770	1,843	10,781,625
1948	69,191,952	2,207,622	308,375	6,784	25,694,480	916,833	32,280	11,150,874

Yearly average or year (calendar year)	Skelp production	Wire rods			Structural shapes			All other finished rolled production [2]
		Production	Exports	Imports	Production	Exports	Imports	
1891–1895		709,238		38,980	[5] 481,457			2,772,234
1896–1900		1,018,997	[6] 18,124	20,257	772,149	[6] 54,742		3,603,643
1901–1905	[4] 1,608,314	1,781,114	18,306	20,597	1,348,246	62,329	[7] 14,432	1,415,004
1906–1910	1,868,915	2,303,540	15,011	17,248	2,169,385	135,616	12,440	2,323,590
1911–1915	2,511,342	2,933,601	84,252	13,198	[8] 2,739,958	297,798	7,114	3,392,518
1916–1920	3,123,005	3,336,179	162,072	4,188	3,340,000	376,744	3,143	5,477,829
1921–1925	3,345,985	2,836,325	31,408	4,803	3,199,711	224,177	31,317	4,031,879
1926–1930	3,752,372	3,148,573	35,039	16,096	4,489,127	311,101	160,219	6,322,836
1931–1935	1,248,507	2,065,158	25,456	12,505	1,631,689	66,574	45,874	3,980,346
1936–1940	2,282,301	3,424,361	97,413	12,251	3,317,886	237,283	49,232	7,825,593
1941–1945	3,100,884	4,754,339	148,351	482	5,052,009	287,706	6,278	14,962,077
1932	680,511	1,328,523	16,596	8,886	1,049,695	36,468	40,933	2,435,670
1933	1,113,857	2,266,986	18,902	14,940	1,242,592	35,877	32,812	3,717,306
1934	1,254,643	1,930,617	26,580	11,936	1,596,045	60,003	28,026	4,508,016
1935	1,514,328	2,733,689	29,223	18,794	1,959,709	64,191	46,593	5,334,391
1936	2,415,394	3,357,626	39,057	21,180	3,245,346	98,143	68,974	7,039,863
1937	2,553,445	3,370,405	67,209	17,717	3,670,068	208,072	87,666	7,488,937
1938	1,403,540	2,361,630	24,957	5,914	2,082,685	142,822	44,379	5,032,298
1939	2,330,128	3,680,297	35,224	11,975	3,368,985	182,731	44,277	8,315,227
1940	2,709,000	4,351,848	320,621	4,465	4,232,346	554,644	859	11,251,640
1941	3,637,574	5,268,423	187,326	119	5,724,236	365,238	356	14,494,334
1942	2,900,741	4,632,017	145,251	57	5,816,321	229,757	166	13,823,622
1943	3,022,398	4,693,798	176,039	31	4,575,844	239,985	169	14,472,550
1944	3,049,682	4,646,298	123,804	2	4,676,481	235,592	28,017	16,316,609
1945	2,894,023	4,531,157	109,334	2,199	4,467,164	367,956	2,682	15,703,271
1946	2,534,848	4,520,280	62,355	6,052	4,387,664	449,219	874	12,323,711
1947	3,450,460	5,376,003	71,237	6,016	5,607,671	752,790	1,731	15,219,706
1948	3,617,703	5,430,603	38,143	6,613	5,455,523	499,166	65,830	15,635,147

[1] Includes skelp beginning 1922.
[2] Merchant bars include concrete reinforcement bars and, beginning 1934, certain miscellaneous bars previously included in "All other finished rolled production."
[3] Average for years 1887–90.
[4] Average for years 1902–05.
[5] Average for years 1892–95.
[6] Average for period July 1, 1897, to Dec. 31, 1900.
[7] Average for period July 1, 1903, to Dec. 31, 1905.
[8] Small structural forms not included in 1911.

Source: Production, American Iron and Steel Institute, annual report. Exports and imports, Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the U. S., and records.

No. 969.—Iron and Steel—Aggregate Exports: 1890 to 1949

[Covers products listed in table 970; excludes data for highly elaborated products of iron and steel. Value figures through 1921 exclude, and those beginning 1922 include data for small items for which quantity figures are not available. Ferromanganese data included for all years. Data for steam and hot-water heating boilers and radiators, formerly classified as heavy iron and steel products, excluded beginning with 1922]

[Quantities in thousands of short tons (2,000 pounds); values in thousands of dollars]

YEAR	Quantity	Value	YEAR	Quantity	Value	YEAR	Quantity	Value
1890	58		1926	2,427	174,145	1938	5,766	185,432
1895	100		1927	2,445	160,609	1939	6,814	236,947
1900	1,292	42,518	1928	3,209	179,881	1940	11,876	524,426
1905	1,131	33,813	1929	3,402	200,203	1941	8,029	506,901
1910	1,723	63,436	1930	2,220	139,039	1942	7,387	598,939
1915	3,957	140,993	1931	1,085	63,226	1943	7,245	621,847
1920	5,527	458,376	1932	666	28,857	1944	6,148	560,178
1921	2,479	214,830	1933	1,502	45,534	1945	5,203	461,147
1922	2,235	136,334	1934	3,150	88,691	1946	5,149	449,843
1923	2,251	167,247	1935	3,431	88,414	1947	6,994	830,655
1924	2,023	150,494	1936	3,536	112,692	1948	4,885	659,779
1925	1,974	144,262	1937	8,488	302,360	1949	5,910	821,413

No. 970.—Iron and Steel—Exports, by Kind: 1946 to 1949

ARTICLE	QUANTITY (TONS OF 2,000 LBS.)				VALUE ($1,000)			
	1946	1947	1948 [1]	1949 [1]	1946	1947	1948 [1]	1949 [1]
Total	**5,149,150**	**6,993,675**	**4,885,029**	**5,910,304**	**449,843**	**830,655**	**659,779**	**821,413**
Pig iron, not including ferro-alloys	95,635	10,940	7,032	81,309	2,669	316	217	3,354
Ferromanganese and spiegeleisen	10,464	20,473	19,747	6,627	653	2,824	2,993	1,360
Other ferro-alloys	8,188	40,295	64,222	11,185	2,070	3,365	7,330	3,680
Scrap	149,090	194,081	243,690	297,388	3,383	9,854	12,547	7,293
Ingots, blooms, sheet bars, skelp, etc	509,097	558,617	277,261	374,617	23,926	35,945	20,108	30,014
Iron and steel bars and alloy steel bars	699,063	1,133,252	542,934	441,759	52,425	118,561	60,623	50,659
Wire rods	62,355	71,237	38,143	53,315	3,839	7,117	3,764	5,019
Galvanized sheets	77,746	74,439	62,783	85,594	7,557	10,511	8,212	13,071
Plates, iron and steel	532,512	562,480	347,698	417,097	33,387	47,849	33,448	41,543
Black steel sheets	482,749	568,760	416,481	551,246	46,075	85,166	57,396	74,988
Black iron sheets	31,177	30,215	17,773	22,650	2,478	3,754	2,008	2,639
Hoop, band, and strip steel	148,981	196,765	128,577	139,752	15,646	28,471	19,975	21,815
Tin plate, terneplate, etc	398,489	620,198	613,784	605,063	43,569	86,918	97,103	101,842
Structural shapes, plain material	318,848	463,375	292,176	302,700	18,059	32,519	23,388	25,680
Structural materials, fabricated	161,689	294,204	223,307	205,810	19,612	47,309	46,535	46,615
Tanks, complete and knocked down	49,331	98,234	92,448	106,003	5,873	15,179	15,327	19,037
Metal lath	3,538	5,717	7,233	5,116	679	1,217	1,661	1,260
Steel rails	385,584	500,582	308,375	237,244	18,520	31,732	22,822	19,441
Rail fastenings, switches, frogs, etc	80,470	157,819	71,756	34,352	7,976	15,817	9,650	5,828
Boiler tubes	44,565	69,836	38,455	47,070	6,688	13,267	7,784	9,770
Casing and oil-line pipe	179,781	333,377	371,914	491,644	18,912	40,122	48,627	71,878
Seamless black pipe, except casing and oil-line	14,870	18,717	21,692	26,249	1,838	2,856	3,377	4,348
Black and galvanized welded pipe	146,343	159,095	103,321	200,301	15,274	22,345	17,645	33,537
Cast-iron pipe and fittings	47,481	49,589	39,284	629,017	3,743	5,705	5,635	97,880
Malleable-iron screwed pipe fittings	4,431	5,164	4,490	5,573	1,924	2,888	3,327	4,132
All other iron and steel pipe and fittings, n. e. s	72,984	101,850	68,938	55,479	17,617	30,914	29,076	27,132
Barbed-wire and woven-wire fencing	56,538	91,233	51,410	92,055	6,379	14,976	8,786	15,187
Plain and galvanized wire	117,727	185,371	127,141	130,730	15,633	31,522	21,245	21,115
Woven-wire screen cloth	3,520	5,985	5,738	4,298	2,200	4,828	4,294	3,487
Wire rope and wire strand	34,711	30,830	13,643	12,915	11,594	10,319	4,846	5,286
Electric welding rods	9,467	14,842	15,834	15,945	1,893	3,362	3,489	4,161
Wire, other, and manufactures thereof	26,096	52,602	41,518	20,246	8,223	15,152	12,245	6,278
Wire nails	19,102	25,754	19,662	25,910	2,047	3,916	3,358	4,188
Nails other than wire, tacks, staples	11,650	15,996	14,914	11,572	2,690	4,083	4,384	3,178
Horseshoes	1,859	897	582	418	275	179	113	90
Bolts, nuts, rivets, and washers [2]	31,622	48,323	54,311	26,129	9,216	15,488	16,908	12,045
Car wheels and axles	68,371	88,802	38,714	62,066	7,684	10,342	6,134	10,354
Iron castings	29,334	54,050	46,147	46,278	3,349	5,717	5,722	6,028
Steel castings	4,329	3,857	4,838	3,834	1,218	1,439	2,055	1,406
Forgings	19,353	35,819	27,063	23,748	2,952	6,809	5,621	4,792

[1] Effective Jan. 1948, includes shipments under Army Civilian Supply Program.
[2] Except railroad.

Source of tables 969 and 970: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the U. S., and records.

No. 971.—Iron and Steel—Average Annual Prices, by Class or Kind: 1891 to 1949

[Prices of pig iron, rails, and billets, and wire rods in dollars per long ton (2,240 pounds); other prices in dollars per 100 pounds]

YEAR	PIG IRON			Open hearth rails at mills in Pennsylvania [2]	Open hearth steel billets, Pittsburgh [3]	Wire rods, Pittsburgh	Merchant bars, Pittsburgh	Iron bars (best refined), Pittsburgh [4]	Tank plates, Pittsburgh	Structural shapes, Pittsburgh [5]	Composite finished steel
	Basic, The Valleys	Southern, No. 2, Cincinnati	Local, No. 2, Chicago [1]								
1891-1895	-------	11.74	12.80	27.27	20.89	-------	-------	1.46	-------	-------	-------
1896-1900	-------	12.56	14.30	24.96	21.08	-------	[6] 1.46	1.50	1.61	[6] 1.63	-------
1901-1905	-------	15.80	17.50	27.87	25.76	-------	1.47	1.77	1.60	1.63	-------
1906-1910	16.87	17.66	19.42	28.00	26.60	-------	1.47	1.75	1.57	1.58	1.77
1911-1915	13.66	14.10	14.72	28.00	22.43	-------	1.31	1.47	1.32	1.32	1.54
1916-1920	32.22	34.17	33.29	44.94	51.78	[7] 61.77	2.98	3.82	3.73	2.94	3.45
1921-1925	22.31	25.23	24.03	42.76	36.74	46.24	2.03	3.97	2.02	2.05	2.42
1926-1930	17.82	20.05	19.67	43.00	33.49	41.68	1.87	4.44	1.84	1.85	2.22
1931-1935	16.19	16.56	17.31	39.49	27.25	36.55	1.69	3.48	1.68	1.69	1.96
1936-1940	21.48	22.01	21.98	40.04	33.92	43.62	2.21	4.35	2.09	2.09	2.35
1941-1945	23.70	24.61	24.20	40.49	34.00	45.21	2.16	5.37	2.12	2.10	2.31
1931	15.85	14.52	17.35	43.00	29.36	35.03	1.63	3.69	1.62	1.62	1.96
1932	13.98	13.84	15.87	42.44	26.52	37.00	1.57	3.35	1.57	1.57	1.87
1933	15.24	16.31	16.47	39.26	26.00	35.15	1.64	3.35	1.61	1.68	1.85
1934	17.69	18.80	18.19	36.37	27.10	37.37	1.81	3.50	1.78	1.78	2.05
1935	18.17	19.34	18.68	36.37	27.25	38.21	1.81	3.50	1.80	1.80	2.07
1936	19.10	19.99	19.60	36.59	29.68	39.12	1.95	3.70	1.85	1.85	2.12
1937	22.99	23.20	23.49	41.86	36.45	46.27	2.40	4.50	2.21	2.21	2.54
1938	21.70	22.18	22.20	41.77	35.45	44.93	2.35	4.50	2.17	2.17	2.46
1939	21.09	21.64	21.59	40.00	34.00	43.00	2.19	4.40	2.10	2.10	2.31
1940	22.53	23.06	23.03	40.00	34.00	44.80	2.15	4.64	2.10	2.10	2.27
1941	23.50	24.02	24.00	40.00	34.00	44.80	2.15	5.00	2.10	2.10	2.40
1942	23.50	24.52	24.00	40.00	34.00	44.80	2.15	5.00	2.10	2.10	2.40
1943	23.50	24.25	24.00	40.00	34.00	44.80	2.15	5.14	2.10	2.10	2.40
1944	23.50	24.81	24.00	40.00	34.00	44.80	2.15	5.85	2.10	2.10	2.40
1945	24.52	25.44	25.02	42.44	34.00	46.85	2.21	5.85	2.21	2.10	2.45
1946	27.14	27.61	27.64	43.67	35.21	[8] 2.29	2.47	6.32	2.47	2.32	2.69
1947	34.78	35.88	34.80	[8] 2.60	44.38	[8] 2 73	2 73	7 12	2.80	2.63	3.01
1948	41.62	[9] 49.47	41.77	[8] 2.93	50.46	[8] 3.44	3.13	([10])	3.19	3.00	3.43
1949	46.00	[11] 46.08	46.50	[8] 3.21	53.56	[8] 3.58	3.37	([10])	3.43	3.26	3.71

[1] At furnace after 1907.
[2] Bessemer rails prior to Oct. 22, 1921.
[3] Bessemer billets prior to 1927.
[4] Muck iron in 1891.
[5] Beams prior to Mar. 19, 1929.
[6] Average for 1898-1900.
[7] Average for 1919-1920.
[8] Dollars per 100 pounds.
[9] Average for week of Dec. 28, 1948.
[10] Not available.
[11] Average for week of Dec. 27, 1949.

Source: Steel and The Iron Age, annual review issues; and American Iron and Steel Institute, annual report.

No. 972.—Aluminum—Shipments of Wrought Products and Castings: 1942 to 1949

[In thousands of pounds]

CLASS	1942	1943	1944	1945	1946	1947	1948	1949
Castings:								
Sand	207,488	304,118	321,200	213,892	160,845	155,112	139,781	106,825
Permanent mold	60,643	89,675	106,200	108,259	153,138	174,515	161,334	102,908
Die	55,924	65,742	84,200	70,667	73,702	110,538	118,738	88,019
All other	([1])	([1])	2,800	2,189	1,026	1,831	4,637	6,864
Plate, sheet and strip [2]	([1])	([1])	([1])	([1])	866,982	1,111,159	1,268,297	790,025
Rolled structional shapes, rod bar and wire [2]					130,638	157,379	182,991	203,467
Extruded shapes, tube blooms and tubing [2]					126,078	123,048	171,964	149,994
Powder, flake and paste [2]					17,151	16,566	16,954	14,469

[1] Not available.
[2] Data represent producer's net shipments consisting of total shipments less shipments to other metal mills for further fabrication into other forms of wrought products.

Source: Department of Commerce, Bureau of the Census; Facts for Industry Series M24G and M24E.

No. 973.—Magnesium—Shipments of Wrought Products and Castings: 1942 to 1949

[Thousands of pounds]

CLASS	1942	1943	1944	1945	1946	1947	1948	1949
Total	[1] 55,164	[1] 146,262	[1] 213,418	[1] 89,770	[1] 15,114	[1] 12,500	[1] 14,079	[1] 17,628
Castings:								
Sand	32,024	59,123	75,221	42,471	7,149	6,404	[2] 8,214	[2] 9,364
Permanent mold	20,387	81,337	123,904	39,592	532	729		
Die	1,346	2,866	2,362	1,689	791	560		
Sheet, strip, and plate	887	1,680	2,308	2,900	3,411	1,876	[2] 5,865	[2] 8,264
Extrusions	475	1,029	9,198	[3] 3,118	[3] 3,231	[3] 2,931		
Forgings	45	227	425					

[1] Excludes extruded sheet stock, forging stock, powder, and sticks.
[2] Combined to avoid disclosure of individual company operations.
[3] Represents extrusions, including forging stock; forgings data not available.

Source: Department of Commerce, Bureau of the Census; Facts for Industry Series, M24G and M24E.

No. 974.—Copper and Copper-Base Alloy Rolled, Drawn and Extruded Products—Shipments, by Kind: 1939 and 1947

[**In short tons (2,000 pounds).** Covers shipments and interplant transfers of copper and copper-base alloy products, including production of these items consumed by producing plant in manufacturing fabricated products. These figures, therefore, represent gross shipments of copper and copper-base alloy products. 1939 figures for copper-base alloys refer to brass and bronze products only; figures for other copper-base alloys excluded and to this extent data not comparable with 1947. Data on shipments, interplant transfers, and produced and consumed in same plant have been combined since data are not comparable for each of these measures separately. Some establishments which reported rolling mill and fabricating operations at same location in 1939 treated each of these operations as separate establishments in 1947. For this reason some of tonnage reported as produced and consumed in same establishment in 1939 was considered as interplant transfers in 1947]

PRODUCT	1939	1947
Copper and copper-base alloy wire and cable, bare and tinned	**381,666**	**911,207**
Unalloyed copper	336,603	835,927
Copper-base alloy	45,063	75,280
Other copper and copper-base alloy rolled, drawn and extruded products	**842,027**	**1,526,783**
Unalloyed copper:		
Rod and bar	[1] 204,903	477,196
Plate, sheet, and strip	107,707	165,438
Pipe and tube	72,795	185,910
Copper-base alloys:		
Rod	[1] 135,156	242,542
Shapes, drawn, and extruded	[2] 6,357	28,611
Plate, sheet, and strip	221,224	329,467
Plate and tube	93,885	97,619

[1] Excludes tonnage of rods reported as produced and consumed in same establishment, most of which was consumed in production of wire, rather than fabricated products.
[2] Includes extruded shapes only.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 975.—Selected Metal Products—Factory Shipments: 1948 and 1949

[Leaders indicate no data available]

Product and unit of measure	1948		1949	
	Quantity	Value ($1,000)	Quantity	Value ($1,000)
Containers and closures:				
Steel shipping barrels and drums—number	37,540,592	----------	31,700,472	----------
Steel packages, kegs, and pails—do	60,828,021	----------	53,428,143	----------
Metal cans—short tons of steel consumed	3,245,145	----------	3,276,918	----------
Food—do	2,317,487	----------	2,261,470	----------
Non-food—do	927,658	----------	1,015,448	----------
Crowns—gross	323,145,600	----------	299,397,107	----------
Closures (except crowns)—1,000	11,575,146	----------	----------	----------
Commercial—do	10,699,647	----------	9,982,683	----------
Home canning—do	875,499	----------	----------	----------
Heating and cooking equipment:				
Domestic cooking stoves and ranges—number	4,895,324	448,332	3,346,167	299,446
Electric—do	1,363,742	169,657	904,944	111,935
Gas, including bungalow—do	2,640,693	223,014	1,997,530	157,103
Liquid fuel—do	466,777	19,061	185,939	7,501
Coal and wood—do	295,527	15,685	170,732	8,164
Combination—do	128,585	20,915	87,022	14,743
Domestic heating stoves—do	5,227,289	108,784	3,658,936	70,647
Gas—do	2,083,990	29,295	1,452,834	23,050
Liquid fuel—do	1,939,693	61,607	1,254,569	36,558
Coal and wood—do	1,203,606	17,882	951,533	11,039
Water heaters—do	2,723,331	136,318	2,393,970	117,181
Electric—do	716,182	47,071	516,151	32,932
Non-electric—do	2,007,149	89,247	1,877,819	84,249
Direct-fired—do	1,851,217	81,508	1,732,330	77,114
Indirect—do	155,932	7,739	145,489	7,135
Range boilers—do	535,717	7,009	416,431	5,992
Cast iron boilers—1,000 pounds	263,303	43,756	206,296	40,526
Cast iron radiators and convectors—1,000 sq. ft. heating surf	60,332	31,426	35,888	19,936
Oil burners—number	419,668	----------	591,967	----------
Residential—do	392,625	----------	567,515	----------
Non-residential—do	27,043	----------	24,452	----------
Mechanical stokers—do	85,466	----------	35,260	----------
Warm air furnaces—do	776,548	136,937	717,201	129,817
Forced air—do	400,973	91,391	446,215	98,100
Gravity air—do	375,575	45,546	270,986	31,717
Construction machinery:				
Power cranes and shovels—do	8,289	158,586	4,114	89,204
Dozers—do	18,668	26,514	15,414	23,640
Tracklaying tractors—do	30,949	167,341	41,223	194,629
Plumbing fixtures:				
Bathtubs, cast iron and steel—do	1,909,238	----------	1,475,743	----------
Lavatories—do	3,212,116	----------	2,504,791	----------
Vitreous china—do	1,417,152	----------	967,882	----------
Cast iron and steel—do	1,794,964	----------	1,536,909	----------
Kitchen sinks—do	2,640,431	----------	[1] 2,120,629	----------
Vitreous china—do	8,965	----------	[1] 13,549	----------
Cast iron—do	1,545,332	----------	1,123,557	----------
Steel—do	1,086,134	----------	983,523	----------
Transportation equipment:				
Truck trailers—do	46,960	139,996	34,273	119,098
Complete trailers—do	44,877	----------	32,747	----------
Trailer chassis only—do	2,083	----------	1,526	----------
Complete aircraft (civilian)—do	7,302	114,208	3,545	121,446
Aircraft engines (civilian)—do	9,039	30,017	3,982	14,237
Domestic water systems—do	658,847	50,172	527,964	41,876

[1] Includes a small quantity of other metals and glazed earthenware.

Source: Department of Commerce, Bureau of Census; Facts for Industry Series. Data for power cranes and shovels from Power Crane and Shovel Association. Data on electric stoves and electric water heaters from National Electric Manufacturers' Association.

No. 976.—Machinery—Value of Principal Classes Manufactured: 1929 to 1947

[**In thousands of dollars.** Figures represent total value of production (or shipments) of specified commodities reported by all establishments producing these commodities. Data for selected groups of commodities only are shown. For 1929 and 1947, value represents value of shipments; for other years, value of production]

CLASS	1929	1933	1935	1937	1939	1947
Agricultural machinery (except tractors) [1]	278, 271	(2)	139, 098	226, 274	182, 683	758, 326
Automatic merchandising machines	8, 821	5, 472	5, 989	8, 978	6, 154	14, 535
Bakery machinery and equipment	21, 730	7, 332	11, 869	18, 120	17, 583	39, 441
Blowers and fans	25, 243	6, 955	15, 830	26, 282	[3] 24, 561	[3] 129, 913
Bottlers' machinery (except dairy)	11, 082	9, 157	8, 264	21, 135	11, 959	34, 442
Cash registers, adding, calculating, and card tabulating machines, and typewriters	151, 583	46, 577	[4] 83, 217	118, 552	104, 675	[3] 441, 972
Cement-making machinery and equipment	4, 387	545	1, 646	2, 065	3, 035	8, 111
Clay-working machinery (brick, pottery, etc.)	4, 402	591	1, 071	2, 727	2, 059	6, 983
Commercial laundry, dry-cleaning, and pressing machinery	[5] 36, 110	[5] 7, 993	[5] 14. 241	21, 969	20, 727	93, 078
Concrete products machinery and equipment	4, 132	224	1, 809	4, 053	1, 739	17, 974
Conveyors and conveying systems	48, 537	11, 413	22, 045	33, 911	29, 773	142, 573
Cotton-ginning machinery	11, 760	2, 165	4, 892	11, 300	5, 115	20, 433
Elevators, escalators, and dumb-waiters	44, 044	8, 322	9, 110	21, 235	16, 244	82, 845
Engines (steam and internal-combustion) and turbines:						
Steam engines	(2)	(2)	(2)	1, 738	1, 155	2, 183
Steam turbines	(2)	(2)	(2)	16, 214	15, 439	15, 722
Hydraulic turbines	(2)	(2)	(2)	(2)	5, 885	10, 740
Internal-combustion engines	(2)	(2)	(2)	91, 843	90, 817	423, 040
Flour-mill and grain-mill machinery	8, 286	2, 354	5, 167	6, 916	6, 087	25, 437
Foundry machinery [6]	10, 639	1, 957	5, 585	9, 156	6, 804	34, 431
Glass-making machinery	3, 688	1, 895	3, 543	4, 729	4, 459	21, 609
Locomotives	82, 909	2, 748	21, 735	65, 163	42, 667	302, 251
Machine tools	147, 316	16, 457	64, 515	162, 046	166, 649	322, 356
Motor vehicles:						
Passenger cars, complete	(2)	(2)	(2)	(2)	1, 799, 503	4, 080, 311
Trucks, truck tractors, truck chassis, motor coaches, and fire department vehicles	(2)	(2)	(2)	(2)	462, 517	1, 864, 689
Oil-field machinery and tools	(2)	(2)	(2)	121, 881	84, 153	262, 939
Petroleum refinery machinery and equipment	30, 210	4, 807	7, 931	14, 816	16, 360	22, 478
Printing trades machinery and equipment	(2)	(2)	(2)	74, 013	52, 583	191, 282
Pulp and paper industries machinery	(2)	(2)	(2)	41, 341	31, 227	134, 713
Pumps, pumping equipment, and air compressors:						
Reciprocating pumps	(2)	(2)	(2)	8, 159	5, 479	13, 919
Centrifugal pumps	(2)	(2)	(2)	19, 539	18, 630	74, 904
Rotary pumps	(2)	(2)	(2)	7, 663	8, 450	27, 724
Turbine pumps	(2)	(2)	(2)	(2)	(2)	31, 015
Air compressors	(2)	(2)	(2)	28, 325	21, 233	101, 656
Rolling mill machinery and equipment	(2)	(2)	(2)	52, 139	34, 605	96, 074
Rubber-working machinery	13, 552	3, 347	4, 883	12, 271	13, 685	46, 445
Scales and balances	25, 385	6, 805	12, 191	17, 169	13, 544	49, 202
Sewing machines (domestic and industrial)	37, 378	10, 274	18, 250	24, 593	20, 304	63, 643
Shoemaking and repairing machinery	12, 317	8, 130	10, 245	10, 903	10, 603	23, 708
Stokers, mechanical	14, 054	5, 629	11, 537	22, 176	20, 275	18, 392
Sugar plant machinery	5, 046	794	1, 260	4, 344	2, 935	16, 949
Textile machinery and parts	115, 525	57, 892	64, 899	[3] 100, 696	85, 601	379, 988
Tobacco manufacturing machinery and equipment	5, 018	1, 106	1, 693	3, 679	3, 337	20, 146
Tractors (all types)	214, 721	(2)	137, 990	258, 855	203, 865	744, 272
Vacuum cleaners (household type)	35, 108	14, 411	24, 191	36, 029	44, 160	[3] 133, 107
Washing machines and other domestic laundry equipment	79, 011	42, 422	59, 513	73, 291	[7] 66, 282	[7] 433, 955

[1] From annual survey, Farm Machines and Equipment, series M35A.
[2] No comparable data.
[3] Not strictly comparable with figures for earlier years.
[4] Includes postal meters.
[5] Excludes dry-cleaning machinery.
[6] Excludes patterns and molds (of wood, metal, etc.).
[7] Includes parts and attachments.

Source: Department of Commerce, Bureau of the Census; Census of Manufactures reports.

No. 977.—Electrical Machinery—Value of Selected Products: 1933 to 1947

[**In thousands of dollars.** Figures represent total value of production (or shipments) of specified commodities reported by all establishments producing these commodities. Data for selected groups of commodities only are shown. For 1947, value represents value of shipments; for other years, value of production]

PRODUCT	1933	1935	1937	1939	1947
Batteries, storage and primary (dry and wet):					
Storage batteries	52,129	65,901	78,250	81,122	293,358
Dry batteries (cells)	[1] 12,929	15,307	20,680	25,900	73,073
Wet primary batteries and parts and supplies for dry batteries and wet primary batteries	2,386	4,510	3,947	4,195	5,021
Carbon and graphite products:					
Brushes (carbon, graphite, metal-graphite and metal-impregnated)	2,282	4,150	6,511	[2] 4,654	[2] 16,243
Other carbon and graphite products (including electrodes)	6,715	8,320	13,921	[2] 13,931	[2] 52,361
Electric hearing aids	[3]	[3]	[3]	3,671	16,868
Electrical appliances				94,754	[2] 83,349	[2] 548,337
Fans (direct motor-driven)				15,565	8,286	48,656
Water heaters (for permanent installation)	[3]	[3]		5,605	3,453	59,884
Mixers, whippers, and juicers				7,372	6,546	24,565
Commercial cooking apparatus				2,765	3,334	13,478
Other electrical appliances				63,447	[2] 61,730	[2] 401,754
Electrical measuring instrument:					
Electrical integrating instruments	[3]	[3]	23,636	19,233	59,046
Other electrical measuring instruments			15,390	17,912	98,407
Electric lamps:					
Incandescent-filament	[4] 49,849	62,703	74,304	73,119	145,352
Other		2,072	3,588	6,185	49,036
Electro-therapeutic apparatus	[3]	[3]	[3]	5,823	7,601
Engine electrical equipment:					
Battery charging generators (not including automotive starter-motors)	[3]	[3]	22,359	14,949	50,422
Ignition apparatus for internal-combustion engines	23,432	40,528	58,201	69,727	149,110
Fuse and fuse equipment under 2,300 volts (except power distribution cut-outs)	4,825	5,013	7,117	6,879	20,698
Industrial electrical control equipment (except railway and motor-vehicle controllers)	15,165	28,230	47,388	46,039	169,910
Insulated wire and cable	65,637	122,226	245,342	204,430	895,128
Magnet wire	10,141	16,899	29,805	25,431	381,825
Armored cable or conductor	4,411	6,845	8,917	12,985	23,914
Weatherproof and slow burning	51,085	12,344	22,680	20,856	76,256
Other		86,138	183,940	145,158	413,133
Radios, radio tubes and phonographs:					
Household radio receivers, television sets, radio phonographs, phonographs, and record players				186,404	810,066
Home radio receivers, socket powered				95,760	184,668
Radio-phonograph combinations (except television sets)	[3]	[3]	[3]	17,193	311,982
Phonographs and record players				22,506	81,432
Television sets				[5] 806	50,038
Automobile radios (broadcast receivers only)				27,444	102,560
Other				22,695	79,386
Electronic type components for communications and industrial electronic controls	[3]	[3]	[3]	75,340	348,916
Radio receiving type tubes (except ballast tubes, voltage regulators and indicators)	[3]	[3]	[3]	38,063	93,932
Transmitting and industrial type tubes except X-ray	[3]	[3]	[3]	5,116	25,321
Phonograph records	[3]	[3]	[3]	19,762	102,015
Switchboard apparatus (circuit breakers, panelboards, switchboards and switches):					
Panelboards and distribution boards		7,896	16,692	14,451	34,755
Knife, power and other switches		5,382	13,649	15,447	71,254
Circuit breakers		8,019	22,452	17,199	69,059
Power switchboards	[3]	9,008	21,221	18,133	115,216
Power switching equipment, power connectors, distribution cut outs and fuse links for 2,300 volts and over A. C. service		5,884	14,730	11,752	39,996
Telephone and telegraph apparatus (not incl. wireless)	21,180	43,584	115,883	94,496	631,919
Transformers (except for measuring instruments)	[6] 13,094	28,881	83,613	65,064	326,777
Wiring devices and supplies	38,948	63,559	109,529	[2] 103,601	[2] 375,653
X-ray equipment and X-ray tubes	[3]	[3]	[3]	12,619	49,559

[1] Includes parts and supplies.
[2] Not strictly comparable with data for earlier years.
[3] Not available.
[4] Includes X-ray tubes; for later years data are included in nonradio electronic tubes and X-ray tubes in "X-ray and therapeutic apparatus and electronic tubes" industry.
[5] Includes television sets and facsimile sets.
[6] Includes radio transformers.

Source: Department of Commerce, Bureau of the Census; Census or Manufactures reports.

No. 978.—Farm Machines and Equipment (Complete Units, Attachments, and Parts)—Sales, by Class: 1945 to 1949

[**In thousands of dollars.** Excludes data for tractors for nonfarm use. Revised to exclude miscellaneous farm equipment previously included. Beginning 1947, represents shipments, which do not differ significantly from sales]

CLASS	1945	1946	1947	1948	1949
Total	**700,177**	**850,478**	**1,294,686**	**1,733,746**	**1,814,790**
Farm machines and equipment (complete units)	490,504	622,674	975,988	1,334,345	1,421,599
Attachments and parts	209,673	227,804	318,698	399,401	393,191
COMPLETE UNITS, ATTACHMENTS, AND PARTS					
Plows and listers	40,163	50,694	83,529	100,605	99,594
Harrows, rollers, pulverizers, and stalk cutters	22,598	36,634	57,423	80,954	73,763
Planting, seeding, and fertilizing machinery	43,286	53,838	73,977	109,505	114,755
Cultivators and weeders	33,567	33,942	50,363	80,069	70,169
Sprayers and dusters	14,715	26,280	39,556	44,458	31,732
Harvesting machinery	99,361	113,725	191,570	247,820	290,555
Haying machinery	49,456	59,855	94,865	153,395	151,698
Machines for preparing crops for market or for use	25,230	36,046	42,013	42,216	35,251
Farm elevators and blowers	6,144	10,595	16,389	25,311	32,350
Tractors for farm use	262,999	316,523	536,360	742,551	821,763
Farm wagons, trucks, and other farm transportation equipment	15,864	28,470	36,014	38,918	24,208
Farm dairy machines and equipment	46,752	41,553	31,415	23,443	20,057
Barn equipment	7,087	9,554	11,802	13,207	10,050
Barnyard equipment	8,087	8,844	8,808	10,915	13,498
Farm poultry equipment	24,868	23,925	20,602	20,379	25,345

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M35A.

No. 979.—Farm Machines and Equipment, Attachments, and Parts—Sales: 1929 to 1949

[**In thousands of dollars.** Includes data for tractors for nonfarm use; for figures excluding these data, see table 978. Survey suspended 1932–34. Beginning 1947, represents shipments, which do not differ significantly from sales]

YEAR	Total	Farm machines and equipment	Attachments and parts	YEAR	Total	Farm machines and equipment	Attachments and parts
1929	492,992	411,681	81,311	1941	638,605	506,170	132,435
1930	417,926	340,276	77,650	1942	622,528	414,536	207,992
1931	208,575	157,745	50,830	1943	602,290	344,854	257,436
1935	277,089	218,462	58,627	1944	1,026,207	694,880	331,327
1936	375,128	301,683	73,445	1945	996,557	697,422	299,135
1937	485,130	405,597	79,533	1946	983,515	699,965	283,550
1938	404,047	316,886	87,161	1947	1,502,598	1,100,592	402,006
1939	386,549	300,286	86,263	1948	1,961,987	1,475,998	485,989
1940	462,415	360,963	101,452	1949	2,051,876	1,574,361	477,516

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M35A.

No. 980.—Tractors, Attachments, and Parts (Farm and Nonfarm)—Sales, by Kind: 1943 to 1949

[**Value in thousands of dollars.** Beginning 1947, represents shipments, which do not differ significantly from sales]

Year and type of product	Total value	Complete units				Attachments and parts	
		Farm		Nonfarm		Farm value	Nonfarm value
		Number	Value	Number	Value		
Total:							
1943	373,340	107,009	64,030	37,120	142,793	50,662	115,855
1944	655,938	258,117	170,153	53,877	262,832	76,959	145,994
1945	559,378	263,164	177,578	52,488	206,917	85,421	89,462
1946	449,561	364,725	221,840	32,119	77,292	94,684	55,745
1947	744,272	590,963	392,212	47,488	124,604	144,148	83,308
1948	970,792	697,633	547,704	41,053	141,653	194,847	86,588
1949	1,058,849	[1] 687,102	[1] 630,186	[1] 33,360	[1] 152,762	191,577	84,325
Wheel type:							
1943	101,361	94,550	55,944	9,317	7,273	35,874	2,270
1944	236,395	235,453	157,519	14,502	12,594	59,007	7,275
1945	250,069	224,985	153,170	18,707	15,726	74,695	6,478
1946	279,470	243,271	180,363	12,067	11,909	80,360	6,838
1947	475,086	413,783	331,653	14,882	17,682	117,586	8,165
1948	658,879	510,847	468,083	18,845	29,215	148,975	12,606
1949	717,531	[1] 538,651	[1] 545,465	[1] 9,554	[1] 17,820	146,785	7,461
Tracklaying type:							
1943	269,959	2,906	6,688	27,746	135,506	14,211	113,554
1944	416,137	6,221	10,415	38,966	250,168	16,866	138,688
1945	303,269	11,149	20,974	32,849	191,033	8,400	82,862
1946	142,150	8,898	18,118	17,367	64,817	10,569	48,646
1947	225,256	11,630	28,332	25,904	105,998	16,281	74,645
1948	268,930	17,365	49,569	22,208	112,438	32,941	73,982
1949	311,864	20,043	64,481	23,806	134,942	35,577	76,863
Garden type:							
1943	2,020	9,553	1,398	57	14	577	31
1944	3,406	16,443	2,219	409	70	1,086	31
1945	6,040	27,030	3,434	932	158	2,326	122
1946	27,941	112,556	23,359	2,685	566	3,755	261
1947	43,930	165,550	32,227	6,702	924	10,281	408
1948	42,983	169,421	30,052	[2]	[2]	12,931	[2]
1949	29,454	128,408	20,239	[2]	[2]	9,215	[2]

[1] Data for small number of nonfarm tractors included with "Farm."
[2] Included with "Farm."

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M35A.

No. 981.—Machine Tools—Shipments, by Major Types: 1947, 1948, and 1949

[Includes light type machine tools, particularly in drilling machines, lathes, grinding and polishing machines, and milling machines. Excludes machine tools specifically designed for home workshops, model makers, garages, and service shops]

Major type	1947		1948		1949	
	Number	Value ($1,000)	Number	Value ($1,000)	Number	Value ($1,000)
Total	----------	**322,356**	----------	**277,521**	----------	**241,370**
Boring machines	1,444	25,825	1,268	24,098	1,212	29,430
Broaching machines	532	4,956	343	3,779	290	3,411
Drilling machines	[1]	33,517	10,125	32,816	6,305	25,271
Gear cutting and finishing machines	1,682	17,719	1,367	16,407	1,095	14,231
Grinding and polishing machines (except gear tooth grinding, honing, lapping, and buffing)	[1]	56,364	98,792	47,294	64,257	45,660
Lathes	[1]	92,908	29,322	81,106	18,631	62,289
Milling machines	7,504	35,278	6,064	34,914	4,397	31,400
Planers	152	4,018	157	4,828	99	3,699
Shapers (except gear shapers)	1,787	6,880	1,369	5,826	666	2,831
All other machine tools	[1]	44,891	----------	26,453	----------	23,148

[1] Not available.

Source: Department of Commerce, Bureau of the Census. Published in part in Facts for Industry Series M34A.

No. 982.—Air Conditioning and Commercial Refrigeration Equipment—Shipments by Manufacturers: 1940 to 1948

[**Value figures in thousands of dollars.** Statistics cover types normally sold as standard items and more important types of components and accessories. Data include a very limited amount of certain types specifically designed for special uses. Excluded are less important components and accessories such as switches, dehydrators, accumulators, valves, and surge drums and tanks. Companies included represent substantially all producers of equipment shown]

PRODUCT	SHIPMENTS OF COMPLETE UNITS					
	1940		1944		1945	
	Number	Value	Number	Value	Number	Value
Total unitary equipment	**338,796**	**76,141**	**153,026**	**52,594**	**214,833**	**67,791**
Walk-in coolers	5,156	2,706	5,682	5,082	6,960	6,801
Reach-in refrigerators	20,642	5,475	24,300	6,983	36,734	11,965
Bottled beverage-cooling equipment	78,397	11,254	929	283	6,493	1,409
Bulk beverage-dispensing equipment	20,504	4,571	329	221		
Display cases	36,363	16,281	7,600	4,186	9,520	5,145
Soda fountain equipment and ice cream cabinets	84,855	18,617	6,873	3,204	8,974	3,356
Soda fountain equipment	8,265	4,877	503	372	1,555	780
Ice cream cabinets, hardening and dispensing	74,281	11,940	2,660	641	7,419	2,576
Counter freezers	2,309	1,800	3,710	2,190		
Frozen food cabinets	9,608	1,959	2,289	754	6,861	1,803
Farm and dairy-milk coolers	(1)	(1)	28,552	4,756	38,601	5,818
Drinking-water coolers	44,846	4,632	55,895	6,562	82,915	10,506
Laboratory and industrial freezing equipment	(1)	(1)	1,100	931	1,123	673
Ice-making machines	1,045	628	3,665	3,351	2,805	4,044
Air-conditioning units—store type	5,880	4,467	4,468	3,615	13,847	10,903
Absorption systems	(2)	831	(2)	2,410	(2)	5,368
Special refrigeration units and systems for war purposes			11,015	10,183	(2)	(2)
Miscellaneous air-conditioning and refrigeration equipment	31,500	4,719	329	71	(2)	(2)

PRODUCT	TOTAL SHIPMENTS [3]		DOMESTIC SHIPMENTS		TOTAL SHIPMENTS [3]		DOMESTIC SHIPMENTS	
	Number	Value	Number	Value	Number	Value	Number	Value
	1940				1945			
Total components and accessories		**45,405**		**42,483**		**71,896**		**67,885**
Condensing units	211,021	18,808	197,564	17,423	354,401	36,902	338,157	34,449
Ammonia refrigerants	985	964	902	893	1,785	2,503	1,642	2,334
Refrigerants except ammonia	210,036	17,844	196,662	16,530	352,616	34,399	336,515	32,115
Air-cooled	187,468	12,313	175,153	11,323	327,031	23,378	313,058	22,212
Water-cooled	22,568	5,531	21,509	5,207	25,585	11,021	23,457	9,904
Compressors and compressor units	84,889	7,084	63,096	6,344	107,340	9,578	104,051	8,852
Centrifugal refrigeration machines	112	2,404	101	2,237	185	2,993	181	2,932
Heat-exchanger equipment		17,110		16,478		22,422		21,652
Evaporative condensers	2,413	1,769	2,212	1,666	2,885	2,829	2,664	2,609
Unit coolers	63,417	7,076	60,826	6,721	91,003	10,187	88,153	9,870
Other heat-exchanger equipment		8,265		8,001		9,407		9,173
	1947				1948			
Total components and accessories		**191,147**		**175,489**		**163,099**		**150,596**
Condensing units	1,039,772	98,296	973,998	90,145	818,862	71,993	774,417	65,922
Ammonia refrigerants	1,646	2,107	1,426	1,862	1,129	1,799	939	1,535
Refrigerants except ammonia	973,093	90,224	907,539	82,318	817,733	70,194	773,478	64,387
Air-cooled	924,553	73,742	862,645	67,500	774,351	55,379	732,911	50,675
Water-cooled	48,540	16,482	44,894	14,818	43,382	14,815	40,567	13,712
Not reported by type	65,033	5,965	65,033	5,965				
Compressors and compressor units	(2)	34,586	(2)	30,962	459,390	33,493	449,053	30,442
Centrifugal refrigeration machines	563	7,889	512	7,014	361	10,351	338	9,732
Heat-exchanger equipment		50,376		47,368		47,262		44,500
Evaporative condensers	5,997	7,106	5,550	6,650	5,521	7,455	5,086	6,752
Unit coolers	141,163	19,611	129,560	18,134	102,223	17,524	95,418	16,419
Other heat-exchanger equipment		23,658		22,583		22,283		21,829

[1] Not called for separately. [2] Not available. [3] Includes export shipments, not shown separately.

Source: Department of Commerce, Bureau of the Census; published in Facts for Industry Series M52A.

No. 983.—Motion-Picture Production—Summary: 1921 to 1947

[Money figures in thousands of dollars]

Year, type of work, and division	Number of establishments	All employees: Number (average for the year)	All employees: Salaries and wages, total	Total expenses other than salaries and wages	Total cost of work done during the year
United States					
1921	127	10,659	$37,693	(1)	$77,397
1923	97	9,904	38,425	(1)	86,418
1925	132	11,518	49,017	$44,619	93,636
1927	142	16,013	74,936	59,407	134,343
1929	142	19,602	85,028	99,074	184,102
1931	140	[2] 14,839	[2] 70,537	(1)	154,436
1933	92	19,037	71,344	47,999	119,343
1935	129	27,592	104,430	57,435	161,865
1937	83	32,398	139,551	58,190	197,741
1939	178	35,345	142,543	73,157	215,700
1947	277	34,799	293,046	167,097	460,143
Type of work, 1947					
Theatrical-film producers	100	27,549	261,276	121,806	383,082
Nontheatrical-film producers	127	2,445	8,746	9,613	18,359
Laboratories and other service organizations	50	4,805	23,024	35,678	58,702
Division, 1947					
New England	4	17	50	112	162
Middle Atlantic	79	3,701	15,549	29,643	45,192
East North Central	28	1,219	4,216	3,435	7,651
West North Central	10	181	495	1,042	1,537
South Atlantic	4	43	197	433	630
South Central	7	88	204	146	350
West	145	29,550	272,335	132,286	404,621
Los Angeles Metropolitan Area	130	29,393	271,974	131,206	403,180
Other West	15	157	361	1,080	1,441

[1] Not available.
[2] Represents production-department employees only; not comparable other years.

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 984.—Motion-Picture Production—Work Done During Year: 1939 and 1947

[Money figures in thousands of dollars]

Type of work done	1939 Number	1939 Cost of work done during year [1]	1947 Number	1947 Cost of work done during year [1]
Motion pictures, total	------	215,700	------	460,143
Theatrical films, total	------	186,776	------	352,530
Negative films:				
Feature subjects, 3,000 feet or over in length:				
Color-process	27	14,356	68	43,703
Black-and-white	493	117,830	348	165,432
Short subjects (other than news reels), under 3,000 feet in length:				
Color-process	125	1,723	253	4,417
Black-and-white	(2)	4,252	187	2,344
News reels	------	4,441	-----	5,344
Positive films (cost, excl. cost of producing negatives): [3]				
Color-process	------	6,416	----	4,680
Black-and-white	------		----	6,718
Unfinished production (cost of work done during year)	------	37,758	------	119,892
Nontheatrical films, total	------	6,573	------	17,537
Advertising films:				
Color-process	------	961	------	1,929
Black-and-white	------	742	------	2,461
Educational films:				
Color-process	------	[4] 118	------	1,729
Black-and-white	------	[4] 608	------	2,497
Industrial films:				
Color-process	------	305	------	1,768
Black-and-white	------	1,870	------	3,040
Other films	------	[4] 1,426	------	851
Unfinished production (cost of work done during year)	------	543	------	3,262
Receipts for use of studio facilities	------	1,420	------	26,720
Receipts for laboratory work (including developing and printing done for others)	------	18,594	------	53,329
Value of other work done	------	2,337	------	10,027

[1] Represents cost of producing motion-picture films, receipts for use of studio facilities, receipts for laboratory work, and value of other work done. [2] Not available.
[3] Represents cost of positive films made during year by establishments which performed laboratory work in connection with production of theatrical films. Data on cost of positive films made by outside laboratories included in "Receipts for laboratory work." [4] Probably some "Educational films" were included as "Other films."

Source: Department of Commerce, Bureau of the Census; 1947 Census of Manufactures reports.

No. 985.—Alaska—Manufactures, by Industries: 1899 to 1939

[Figures for 1939 do not include data for plants reporting products valued at less than $2,000; those for earlier years cover all plants having products valued at $500 or more. This increase in minimum value-of-products limit resulted in some reduction in "Number of establishments" reported as compared with what it would have been had minimum of $500 been retained, but did not seriously impair comparableness of figures for 1939 with those for earlier years. Comparable figures for earlier years are given for all industries for which such figures are available]

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc., fuel, electric energy	Value of products	Value added by manufacture [1]
				Dollars	*Dollars*	*Dollars*	*Dollars*
All industries, total	[2] 1939	230	4,816	6,883,988	20,916,757	38,815,436	17,898,679
	1919	147	6,575	8,839,452	19,482,485	41,495,243	22,012,758
	1909	152	3,099	1,948,026	5,119,613	11,340,105	6,220,492
	1899	48	2,260	1,374,680	1,762,583	4,194,421	2,431,838
Boat building and repairing	1939	7	34	23,950	59,800	149,739	89,939
	1909	6	8	2,440	3,139	10,330	7,191
Bread and other bakery products	1939	24	51	67,497	233,216	408,464	175,248
	1909	8	24	41,900	71,099	141,110	70,011
Fish canning and processing	1939	140	4,308	6,288,175	19,990,289	36,367,663	16,377,374
	1919	104	6,085	8,136,659	18,535,578	39,160,922	20,625,344
	1909	46	2,717	1,457,587	4,053,094	9,189,982	5,136,888
	1899	36	2,092	[3] 1,243,000	[3] 1,588,000	[3] 3,821,000	[3] 2,233,000
Ice, manufactured	1939	4	12	18,566	10,080	77,776	67,696
Lumber and timber products	1939	21	250	287,376	309,416	900,111	590,695
	1919	22	222	327,292	311,439	950,256	638,817
	1909	22	131	108,201	168,504	400,272	231,768
	1899	10	78	[3] 56,000	[3] 67,000	[3] 155,000	[3] 88,000
Machine shops	1939	7	10	20,250	44,951	112,702	67,751
Printing and publishing	1939	15	109	129,701	81,916	415,877	333,961
	1909	16	64	100,403	36,392	228,192	191,800
All other industries	1939	[4] 12	40	48,473	187,089	383,104	196,015
	1919	21	268	375,501	635,468	1,384,065	748,597
	1909	54	155	237,495	787,385	1,370,219	582,834
	1899	2	90	[3] 76,000	[3] 108,000	[3] 218,000	[3] 110,000

[1] Value of products less cost of materials, etc., fuel, and purchased electric energy.
[2] Figures for 1939 cover the 12-month period ended Sept. 30, 1939.
[3] Exact figures not available.
[4] Beverages, nonalcoholic, 1 establishment; concrete products, 2; confectionery, 1; ice cream, 2; liquors, malt, 2; sheet-metal work, 2; wire netting, 2. Figures for these industries are combined to avoid disclosing data reported by individual establishments.

Source: Department of Commerce, Bureau of the Census; 1939 Census of Manufactures reports.

No. 986.—Hawaii—Manufactures, by Industries: 1899 to 1939

[See headnote, table 985]

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc., fuel, electric energy, contract work	Value of products	Value added by manufacture [1]
				Dollars	*Dollars*	*Dollars*	*Dollars*
All industries, total	1939	474	17,002	11,458,311	75,651,675	134,005,264	58,353,589
	[2] 1919	496	9,969	6,636,763	81,178,956	133,096,412	51,917,456
	[2] 1909	500	5,904	2,108,903	25,817,734	47,403,880	21,586,146
	[2] 1899	222	3,655	1,473,000	12,251,000	23,354,000	11,103,000
Food and kindred products: [3]							
Bread and other bakery products	1939	76	534	413,558	1,625,458	2,949,064	1,323,606
	1919	30	195	87,958	826,838	1,129,294	302,456
	1909	46	107	35,560	219,575	343,520	123,945
	1899	8	4	1,000	5,000	10,000	5,000
Beverages, alcoholic (distilled liquors, malt liquors, sake, and wines). [4]	1939	[5] 9	254	249,569	705,194	2,118,907	1,413,713
Beverages, nonalcoholic	1939	27	121	97,355	356,302	816,235	459,933
	1919	32	157	88,534	251,763	518,569	266,806
	1909	22	83	35,391	74,312	194,273	119,961
	1899	7	35	11,000	25,000	89,000	64,000

For footnotes, see p. 824.

No. 986.—Hawaii—Manufactures, by Industries: 1899 to 1939—Continued

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc., fuel, electric energy, contract work	Value of products	Value added by manufacture [1]
Food and kindred products—Con.				*Dollars*	*Dollars*	*Dollars*	*Dollars*
Cane sugar [6]	1939	35	4,371	2,894,420	30,482,432	49,250,987	18,768,555
	1919	43	3,143	2,027,128	45,899,268	80,236,244	34,336,976
	1909	46	2,517	781,280	18,721,621	35,949,822	17,228,201
	1899	44	2,369	748,000	9,778,000	19,255,000	9,477,000
Coffee deparchmentizing	1939	9	30	19,555	401,422	464,321	62,899
	1919	10	39	20,516	875,463	1,050,752	175,289
	1909	5	71	12,100	250,705	297,263	46,558
	1899	6	47	9,000	60,000	95,000	35,000
Confectionery	1939	9	25	17,891	56,176	98,354	42,178
	[7] 1919	20	102	51,279	393,147	587,330	194,183
	1909	6	21	6,330	23,574	43,162	19,588
Fruit canning and preserving	1939	18	7,949	4,577,867	24,549,416	48,692,282	24,142,866
	1919	9	2,855	1,391,522	10,772,745	18,997,975	8,225,230
	1909	10	816	174,502	926,591	1,591,073	664,482
Canned pineapple and pineapple juice.	1939	9	7,900	4,552,667	24,462,105	48,540,806	24,078,701
Jellies, preserves, etc	1939	9	49	25,200	87,311	151,476	64,165
Ice cream	1939	10	111	89,004	598,154	1,262,777	664,623
Ice, manufactured	1939	6	66	85,797	42,940	228,642	185,702
	1909	5	40	23,963	21,386	107,111	85,725
	1899	4	19	12,000	16,000	57,000	41,000
Macaroni and noodles	1939	8	26	16,499	40,503	86,067	45,564
	1919	4	17	8,936	76,517	97,799	21,282
Native foods	1939	56	121	64,080	331,861	599,010	267,149
Fish cakes	1939	4	26	18,967	67,921	110,005	42,084
Poi	1939	34	86	39,283	173,283	343,561	170,278
Sugar and rice cakes	1939	8	4	2,184	68,725	105,136	36,411
Tofu	1939	10	5	3,646	21,932	40,308	18,376
Pickled fruits and vegetables; vegetable sauces.	1939	6	4	1,337	16,390	38,224	21,834
	1919	3	4	1,447	22,816	34,481	11,665
	1909	6	13	2,522	17,133	33,572	16,439
Potato chips; taro chips	1939	6	17	9,433	23,621	45,372	21,751
Chemicals and fertilizers	1939	6	189	180,984	1,525,294	2,160,108	634,814
Clothing, men's (including shirts) and women's.	1939	16	303	149,125	479,079	777,089	298,010
	1919	15	26	11,868	37,960	79,402	41,442
	1909	4	3	600	3,985	7,630	3,645
Concrete products; stone products; lime; pottery. [4]	1939	[8] 7	122	107,366	440,146	810,871	370,725
Footwear	1939	6	34	17,899	55,178	88,929	33,751
	1919	12	23	12,513	33,622	64,419	30,797
	1909	14	81	17,159	78,120	126,475	48,355
	1899	14	39	11,000	20,000	47,000	27,000
Furniture	1939	12	71	66,348	97,951	243,247	145,296
	1919	5	10	9,345	8,523	29,169	20,646
	1909	6	54	14,741	38,663	69,752	31,089
Furniture, household (except upholstered).	1939	4	9	7,264	6,876	23,036	16,160
Furniture, upholstered	1939	4	34	28,088	54,629	128,458	73,829
Furniture and fixtures, office and store.	1939	4	29	30,996	36,446	91,753	55,307
Iron castings; steel products; machine-shop products. [4]	1939	[9] 7	95	117,839	148,708	358,163	209,455
Jewelry; silverware; electroplating [4]	1939	[10] 8	28	29,447	21,757	106,419	84,662
	1919	6	36	26,414	46,432	107,963	61,531
	1909	6	54	24,143	51,006	111,335	60,329
Mattresses and bed springs	1939	5	18	11,610	56,677	94,605	37,928
	1919	5	15	11,844	30,389	54,035	23,646
	1909	6	21	7,511	16,137	37,908	21,771
Picture frames; Venetian blinds [4]	1939	[11] 4	36	31,722	82,572	155,984	73,412
Planing-mill products [12]	1939	10	161	181,556	462,558	824,498	361,940
	1919	8	135	118,717	422,916	612,906	189,990
	1909	8	254	109,647	97,459	281,325	183,866
	1899	3	35	22,000	42,000	91,000	49,000
Printing, publishing, and allied activities.	1939	56	783	880,421	963,976	4,147,337	3,183,361
	1919	49	576	407,055	377,109	1,338,955	961,846
	1909	37	319	146,830	102,442	434,779	332,337
	1899	10	132	22,000	33,000	200,000	167,000
Newspaper publishing and printing, or publishing only.	1939	25	573	636,178	570,920	2,928,138	2,357,218

For footnotes, see p. 824.

No. 986.—Hawaii—Manufactures, by Industries: 1899 to 1939—Continued

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc., fuel, electric energy, contract work	Value of products	Value added by manufacture [1]
Printing, publishing, and allied activities—Con.				*Dollars*	*Dollars*	*Dollars*	*Dollars*
Periodical publishing and printing, or publishing only	1939	6	8	5,293	19,001	42,073	23,072
Book publishing and printing or publishing only; job printing; lithographing; photoengraving [4]	1939	[12] 25	203	238,950	374,055	1,177,126	803,071
Signs, neon	1939	3	7	8,492	19,528	45,766	26,238
Soap	1939	3	3	1,639	8,592	20,347	11,755
Wood products, not elsewhere classified	1939	8	95	50,826	37,365	108,576	71,211
All other industries	1939	[14] 48	1,422	1,086,672	12,022,425	17,413,083	5,390,658
	1919	245	2,636	2,361,687	21,103,448	28,157,119	7,053,671
	1909	273	1,450	716,624	5,175,025	7,774,880	2,599,855
	1899	126	975	637,000	2,272,000	3,510,000	1,238,000

[1] Value of products less cost of materials, etc., fuel, purchased electric energy, and contract work.
[2] Figures include data for coffee roasting and spice grinding which are no longer treated as manufacturing activities.
[3] Except butter and cheese, canned tuna, rice cleaning and polishing, meat packing and sausage manufacturing, and vegetable oils and sirups. See note 14.
[4] Combined to avoid disclosing, exactly or approximately, data for individual establishments or companies.
[5] Distilled liquors, 1 establishment; malt liquors, 2; sake, 5; wines, 1.
[6] Figures for this industry relate solely to sugar mills, and do not include data for sugarcane plantations.
[7] Reported as confectionery and ice cream.
[8] Concrete products, 2 establishments; stone products, 2; lime, 2; pottery, 1.
[9] Iron castings, 1 establishment; steel products, 4; machine-shop products, 2.
[10] Jewelry, 6 establishments; silverware, 1; electroplating, 1.
[11] Picture frames, 1 establishment; Venetian blinds, 3.
[12] Products of planing mills not operated in conjunction with sawmills.
[13] Book publishing and printing, or publishing only, 2 establishments; job printing, 21; lithographing, 1; photoengraving, 1.
[14] Boat building and repairing, 5 establishments; brooms, 2; butter and cheese, 3; canned tuna, 3; caskets, 1; cushions, pillows, and quilts, 1; drugs, medicines, perfumes, 3; insulation board, 1; lighting fixtures, 1; machinery, farm, 1; machinery, sugar-mill, 1; mats, 1; meat packing, sausage manufacturing, 6; paper goods, 5; prepared feeds, 1; rice cleaning and polishing, 2; skirts, hula, 1; suitcases and trunks, 1; tin cans, 7; vegetable oils and sirups, 2. Figures for these industries are combined to avoid disclosing data reported by individual establishments.

Source: Department of Commerce, Bureau of the Census; 1939 Census of Manufactures reports.

No. 987.—Puerto Rico—Manufactures, by Industries: 1909 to 1939

[See headnote, table 985]

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc., fuel, electric energy, contract work	Value of products	Value added by manufacture [1]
				Dollars	*Dollars*	*Dollars*	*Dollars*
All industries, total	**1939**	**798**	**23,484**	**9,220,251**	**76,280,773**	**111,499,641**	**35,218,868**
	[2] 1919	619	15,985	6,765,604	59,985,058	85,506,834	25,521,776
	[2] 1909	939	15,582	3,639,196	21,500,618	36,749,742	15,249,124
Food and kindred products: [3]							
Bread and other bakery products.	1939	219	1,470	530,573	1,853,111	3,067,773	1,214,662
	1919	152	880	514,140	3,426,050	4,761,192	1,335,142
	1909	258	1,197	366,107	1,173,745	1,729,886	556,141
Bread and other bakery products, except crackers.	1939	212	1,143	460,129	1,614,952	2,636,533	1,021,581
Crackers	1939	7	327	70,444	238,159	431,240	193,081
Beverages, nonalcoholic	1939	10	93	30,702	145,466	277,014	131,548
	1919	11	56	20,739	49,647	134,402	84,755
Candy; chocolate and cocoa	1939	6	42	10,620	79,546	108,559	29,013
	1909	4	12	3,086	26,814	39,969	13,155
Cane sugar—except refineries [4]	1939	40	7,765	4,501,813	38,880,800	55,377,402	16,496,602
	1919	55	7,490	2,832,022	40,139,359	56,411,932	16,272,573
	1909	108	5,062	1,227,585	12,280,994	20,569,348	8,288,354
Cane-sugar refining [4]	1939	4	1,893	239,313	10,340,938	12,510,477	2,169,539
Canned fruits and vegetables	1939	5	304	35,432	135,375	239,149	103,774
	1909	4	48	4,831	26,930	38,003	11,073
Cheese	1939	3	9	3,020	36,795	48,958	12,163
Corn meal	1939	4	8	2,180	21,991	30,241	8,250
	1919	10	11	5,085	84,558	115,916	31,358
	1909	-------	4	597	9,017	12,401	3,384
Ice cream and ices	1939	6	27	11,960	43,584	70,927	27,343
Ice, manufactured	1939	25	285	107,939	118,697	500,765	382,068
	1919	13	86	35,882	86,112	248,889	162,777
	1909	6	38	9,965	29,427	99,927	70,500
Liquors, distilled	1939	9	340	152,695	930,927	1,918,934	988,007
	1909	14	58	15,871	144,129	1,117,084	972,955
Liquors, rectified or blended	1939	28	316	89,754	1,550,465	2,198,363	647,898
Vermicelli, soup paste, and noodles.	1939	8	154	69,156	249,382	420,844	171,462
Wines	1939	4	43	8,026	25,932	46,137	20,205
Caskets	1939	6	8	2,568	6,439	16,735	10,296
Drugs and medicines	1939	13	64	19,025	91,771	180,504	88,733
	1919	10	20	7,333	116,479	193,181	76,702
Fertilizers	1939	8	235	107,792	3,163,761	3,863,043	699,282
Furniture and showcases	1939	[5] 45	687	171,549	379,336	744,202	364,866
Leather and leather goods	1939	[6] 12	53	15,890	54,899	98,930	44,031
	1919	31	140	67,555	185,878	326,595	140,717
	1909	66	358	72,539	191,229	370,463	179,234
Lime	1939	8	90	27,203	62,407	150,777	88,370
	1919	19	62	19,074	21,159	58,014	36,855
	1909	12	28	2,842	7,812	14,149	6,337
Machinery	1939	6	475	271,972	488,548	1,146,696	658,148

For footnotes, see p. 826.

No. 987.—Puerto Rico—Manufactures, by Industries: 1909 to 1939—Continued

INDUSTRY	Census year	Number of establishments	Wage earners (average for the year)	Wages	Cost of materials, etc., fuel, electric energy, contract work	Value of products	Value added by manufacture [1]
				Dollars	*Dollars*	*Dollars*	*Dollars*
Metal products	1939	[7] 11	144	63,735	53,890	170,237	116,347
	[8] 1919	5	271	192,610	388,077	749,268	361,191
	[8] 1909	6	188	63,556	57,634	178,210	120,576
Needlework industries	1939	136	6,378	1,575,814	[9] 13,323,273	[10] 20,778,267	[11] 7,454,994
Perfumes, cosmetics, and other toilet preparations.	1939	13	74	19,690	141,850	234,978	93,128
Planing-mill products [12]	1939	12	110	55,131	129,285	258,390	129,105
	1909	8	123	39,996	178,418	268,719	90,301
Printing, publishing, and allied activities.	1939	59	654	329,217	559,860	1,606,975	1,047,115
	1919	35	311	187,100	260,638	671,587	410,949
	1909	43	353	97,720	146,772	370,559	223,787
Newspapers	1939	12	201	119,676	250,669	840,978	590,309
Periodicals	1939	5	50	35,121	51,626	131,252	79,626
Books; job printing; photoengraving.	1939	[13] 42	402	174,420	257,565	634,745	377,180
Stone and clay products	1939	15	164	62,045	95,168	254,623	159,455
	1919	8	21	6,771	5,242	30,063	24,821
Floor and wall tiles (except quarry).	1939	9	117	45,742	58,898	132,365	73,467
Brick and hollow structural tile; sewer pipe; other concrete and stone products.	1939	[14] 6	47	16,303	36,270	122,258	85,988
Textile products and other fibre manufactures.	1939	[15] 10	308	161,591	290,116	571,023	280,907
Tobacco products	1939	47	445	123,615	451,554	740,694	289,140
	1919	183	5,098	2,267,204	3,039,541	8,134,534	5,094,993
	1909	282	7,025	1,479,567	2,059,315	6,060,393	4,001,078
Cigars and cigarettes	1939	42	415	119,706	435,681	713,484	277,803
Tobacco, chewing and smoking	1939	5	30	3,909	15,873	27,210	11,337
Other industries	1939	[16] 26	847	420,231	2,575,607	3,868,024	1,292,417
	1919	87	1,539	610,089	12,182,318	13,671,261	1,488,943
	1909	123	1,088	254,934	5,168,382	5,880,631	712,249

[1] Value of products less cost of materials, supplies, containers, fuel, purchased electric energy, and contract work.
[2] Figures include data for coffee cleaning and polishing, which is now treated as an agricultural activity and therefore was not covered by the 1939 Census of Manufactures.
[3] Except "Liquors, malt," and "Foods, miscellaneous." See footnote 16.
[4] The figures for this industry do not include data for sugar-cane plantations.
[5] Household furniture, 40 establishments; mattresses, 2; office furniture, 1; show cases, 2.
[6] Footwear, except rubber, 9 establishments; leather, tan, 1; saddlery, 1; other goods, 1.
[7] Aluminum products, 1 establishment; ornamental ironwork, 3; sheet-metal work, 3; tin cans, 3; watch parts, 1.
[8] Reported as "Foundry and machine-shop products."
[9] Estimated in part by use of ratios derived from reports made for corresponding classes of establishments operated in the United States.
[10] As part of the establishments engaged in contract work reported receipts for work done on materials owned by others, and part reported actual values of goods made, all returns have been converted to estimated value of products.
[11] This figure is inflated to the extent to which it includes amounts paid for outside work.
[12] Products of planing mills not reported in conjunction with sawmills.
[13] Books, 1 establishment; job printing, 40; photoengraving, 1.
[14] Brick and hollow structural tile, 2 establishments; sewer pipe, 1; other concrete and stone products, 3.
[15] Awnings, 1 establishment; hats, felt and linen, 2; hats, straw, 4; hosiery, full-fashioned, 1; rugs, string, 1; rugs, wool, 1.
[16] Bus bodies, 1 establishment; buttons, pearl, 2; compressed and liquefied gases, 2; cottonseed oil and meal, 1; diamond cutting, 1; foods, miscellaneous, 5; liquors, malt, 2; matches, 1; novelties, mahogany, 1; oxcarts and truck bodies, 1; paperboard containers, 1; salt, 1; signs, neon, 1; soap, 2; tires, retreading, 1; trunks, 3.

Source: Department of Commerce, Bureau of the Census; 1939 Census of Manufactures reports.

31. Foreign Commerce

(Including International Transactions)

International transactions.—The statistics shown for international receipts and payments, foreign investment, and foreign grants and credits were compiled in the Office of Business Economics of the Department of Commerce.

The international accounts of the United States prepared by the International Economics Division, Office of Business Economics, comprise the international balance of payments (table 988) and the international investment position (table 989). The balance of payments shows for given time periods, e. g., one year, the transfers of assets and the form of compensation for these transfers between this country and the rest of the world; the international investment position indicates for specific dates the value of United States investments abroad and of foreign investments in the United States. The two types of accounts, however, are not strictly comparable; the transfers of assets between countries as shown in the balance of payments is only one of the factors affecting the value of foreign investments. Other factors not shown in the balance of payments are changes in security values and revaluation of assets, and reinvested earnings and losses. For a detailed discussion and analysis of these accounts, see the Department of Commerce publications, *International Transactions of the United States during the War, 1940–45*, *Economic Seies No. 65, 1948*, and *The Balance of International Payments of the United States, 1946–48*, published in 1949. For current data, see the monthly *Survey of Current Business*.

Foreign aid has been defined to comprise two categories—grants and credits. Grants are largely outright gifts for which no payment is expected, or which at most involve an obligation on the part of the receiver to extend reciprocal aid to the United States or other countries to achieve a common objective. Credits are loans or other agreements which give rise to specific obligations to repay, usually over a period of years. In some instances assistance has been given with the understanding that a decision as to repayment will be made at a later date. Such assistance is included in grants until such time as an agreement is reached to repay. When repayments are made in cash or long-term credits are established, the grants are reduced accordingly. All known returns to the United States Government stemming from grants and credits are also taken into account.

Tables 990–993 on United States Government grants and credits utilized by foreign countries and reverse grants and credit repayments received by the Government from abroad were prepared by the Clearing Office for Foreign Transactions, Office of Business Economics. These tables also include estimates of the grants remaining unused, data on unutilized credits, including the uncommitted foreign lending authority of Government agencies, and the outstanding foreign indebtedness (excluding World War I debts) at the end of 1949.

Data on United States Government foreign transactions are obtained from Federal agencies which report such transactions to the Clearing Office under Budget-Treasury Regulations or other administrative arrangements. Detailed information on the statistics provided in tables 990–993, and on other foreign activities of the Government, is provided in the regular quarterly reports of the Clearing Office.

The major activities of the Economic Cooperation Administration are summarized in tables 994 to 997, prepared by the Division of Statistics and Reports of that agency. Data are presented on the European Program (known more familiarly as the "Marshall Plan") and the separate programs for Korea and China.

In the ECA tables, colonies and overseas territories of European countries are reported with mother countries; the Saar is shown with France. Commodity groups shown are based on the Economic Cooperation Administration commodity classification. In determining the various reporting groups, an attempt has been made to align the coverage of the summary groups shown in these tables as closely as possible with that of reports on United States exports originating in the Bureau of the Census.

These and other data are published in more detail in the several monthly publications of the Division of Statistics and Reports of the Economic Cooperation Administration which may be obtained directly from the Economic Cooperation Administration, Washington 25, D. C.

Foreign trade.—Statistics on foreign trade are compiled by the Bureau of the Census of the Department of Commerce. Annual statistics through 1946 are published in the annual report, *Foreign Commerce and Navigation of the United States.* Preliminary statistics for later years are from current corrected data. Monthly data are published in the *Monthly Summary of Foreign Commerce of the United States* and other monthly reports of the foreign trade series. For a complete list of these reports see *Catalog of United States Foreign Trade Statistical Publications* issued by the Bureau of the Census.

Statistics covering shipments made after World War II under the Department of the Army Civilian Supply Program are included in the export statistics for 1948 but not for earlier years. Shipments to United States armed forces for their own use are not included in export statistics for any period. Export data include United States exports under the Lend-Lease, United Nations Relief and Rehabilitation Administration, Economic Cooperation Administration, and other foreign aid programs. (See table 999.)

Except as noted (as, for example, in table 1022) the values stated are in United States dollars without reference to changes in the gold content of the dollar. (The statutory price of gold—$20.67 per ounce—in effect prior to Jan. 31, 1934, was changed on that date by Executive Order to $35 per ounce. Between Mar. 10, 1933, and Jan. 31, 1934, the foreign exchange value of the dollar was permitted to depreciate as a result of the restriction placed on gold shipments to foreign countries.) The geographic area covered by these statistics, except as noted, is the United States customs area, which includes Alaska, Hawaii, and Puerto Rico, and from Jan. 1, 1935, through Dec. 31, 1939, the Virgin Islands (see headnote, table 1003). Other explanations of the trade tables are given in the introduction to the annual report, *Foreign Commerce and Navigation of the United States.*

Historical statistics.—In this section, tabular headnotes (as "See also *Historical Statistics,* series M 42–55") provide cross references, where applicable, to *Historical Statistics of the United States, 1789–1945.* In that historical supplement to the *Statistical Abstract,* statistics are carried back year by year as far as possible. See also the historical appendix of the present issue of the *Abstract* for specific titles of series and the earliest year shown in the supplement.

No. 988.—International Transactions of the United States: 1944 to 1949

[**In millions of dollars.** 1949 data preliminary. For revised presentation, 1946–49, see *Survey of Current Business*, June 1950. See also *Historical Statistics*, series M 14–41]

ITEM	1944	1945	1946	1947	1948	1949
Receipts, total	24,485	19,787	16,510	21,434	18,373	17,442
Goods and services, total	21,438	16,273	14,966	19,741	16,791	15,914
Goods	16,969	12,473	11,874	16,056	13,445	12,401
Income on investments	572	589	820	1,074	1,263	1,328
Other services	3,897	3,211	2,272	2,611	2,083	2,185
Unilateral transfers [1]	2,407	2,922	362	605	451	443
Long-term capital, total	640	592	1,182	1,088	1,131	1,085
Movements of U. S. capital invested abroad	406	541	1,181	1,030	1,022	787
Movements of foreign capital invested in U. S.	234	51	1	58	109	298
Payments, total	26,154	22,258	15,191	20,277	18,689	17,995
Goods and services, total	8,986	10,232	7,167	8,463	10,481	9,831
Goods	5,589	5,666	5,168	6,071	7,697	7,134
Income on investments	161	231	216	227	291	296
Other services	3,236	4,335	1,783	2,165	2,493	2,401
Unilateral transfers [1]	16,549	10,035	3,239	2,985	4,860	6,066
Long-term capital, total	619	1,991	4,785	8,829	3,348	2,098
Movements of U. S. capital invested abroad	560	1,836	4,437	8,665	3,073	1,925
Movements of foreign capital invested in U. S.	59	155	348	164	275	173
Excess of receipts (+) or payments (−), total	−1,669	−2,471	+1,319	+1,157	−316	−553
Goods and services	+12,452	+6,041	+7,799	+11,278	+6,310	+6,083
Unilateral transfers [1]	−14,142	−7,113	−2,877	−2,380	−4,409	−5,623
Net goods and services and unilateral transfers	−1,690	−1,072	+4,922	+8,898	+1,901	+460
Long-term capital	+21	−1,399	−3,603	−7,741	−2,217	−1,013
Net inflow (+) or outflow (−) of funds on gold and short-term capital account, total	+1,706	+2,463	−1,474	−2,161	−926	−190
Net increase (−) or decrease (+) in gold stock	+1,350	+548	−623	−2,163	−1,530	−164
Net movement of U. S. short-term capital abroad	−153	−274	−175	−299	+129	+8
Net movement of foreign short-term capital in U. S.	+509	+2,189	−676	+301	+475	−34
Errors and omissions	−37	+8	+155	+1,004	+1,242	+743

[1] Unilateral transfers indicate amount of contributions in kind or in cash thru Lend-lease, U. N. R. R. A., E. C. A., personal and institutional remittances, and similar channels. Thus, payments of receipts under unilateral transfers in most cases offset exports or imports, respectively, of goods and services for which present or future compensation is not required.

Source: Department of Commerce, Office of Business Economics; International Transactions of the United States During the War, 1940–45, and The Balance of International Payments of the United States, 1946–48; current data published in Survey of Current Business.

No. 989.—International Investment Position of the United States: 1939 to 1948

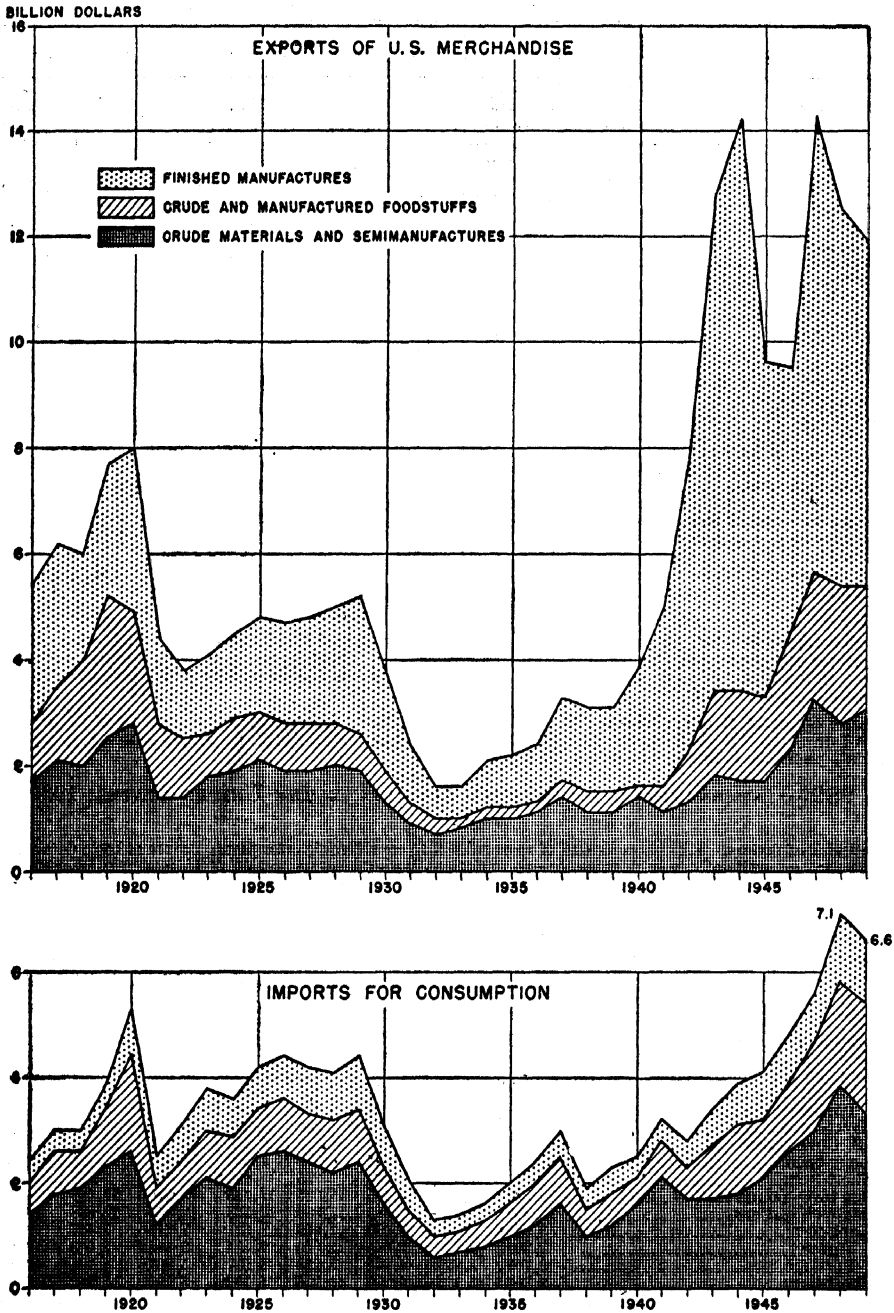
[**In millions of dollars.** Estimates for end of year; subject to considerable error due to nature of basic data. No allowance for write-offs, war damage, or expropriations without compensation of U. S. direct investments abroad. Direct investments at book value; other types at market or stated values. For 1945–48, value of securities of former enemy countries, or countries where no realistic market can be determined, has been eliminated; not entirely comparable with earlier years due to this and other revisions. See also *Historical Statistics*, series M 1–13]

ITEM	1939	1940	1943	1944	1945	1946	1947	1948
U. S. investments abroad, total	12,480	12,275	14,170	14,810	16,867	20,793	29,069	31,483
Private	12,445	12,195	13,340	13,765	14,688	15,603	16,915	18,431
Long-term	11,385	11,310	12,575	12,930	13,659	14,262	15,361	16,762
Direct	7,280	7,340	7,845	7,960	8,370	8,913	9,977	11,318
Portfolio	4,105	3,970	4,730	4,970	5,289	5,349	5,384	5,444
Short-term	1,060	885	765	835	1,029	1,341	1,554	1,669
U. S. Government	35	80	830	1,045	2,179	5,190	12,154	13,052
Long-term	35	80	620	770	1,680	4,870	11,761	12,903
Short-term			210	275	499	320	393	149
Foreign investments in U. S., total	12,820	13,535	14,145	15,085	17,415	16,270	16,469	16,865
Private obligations	12,495	13,225	12,560	13,080	13,163	12,806	12,639	13,007
Long-term	8,695	8,100	7,570	7,865	8,031	7,615	7,427	7,336
Direct	2,900	2,875	2,605	2,630	2,514	2,548	2,663	2,854
Portfolio	5,795	5,225	4,965	5,235	5,517	5,067	4,764	4,482
Short-term	3,800	5,125	4,990	5,215	5,132	5,191	5,212	5,671
U. S. Government obligations	325	310	1,585	2,005	4,252	3,464	3,830	3,858
Long-term	150	150	200	425	487	295	381	394
Short-term	175	160	1,385	1,580	3,765	3,169	3,449	3,464
Net debtor (−) or creditor (+) position	−340	−1,260	+25	−275	−548	+4,523	+12,600	+14,618
Net private	−50	−1,030	+780	+685	+1,525	+2,797	+4,276	+5,424
Net U. S. Government	−290	−230	−755	−960	−2,073	+1,726	+8,324	+9,194
Net long-term, private and U. S. Government	+2,575	+3,140	+5,425	+5,410	+6,821	+11,222	+19,314	+21,935
Net short-term, private and U. S. Government	−2,915	−4,400	−5,400	−5,685	−7,369	−6,699	−6,714	−7,317

Source: Department of Commerce, Office of Business Economics; International Transactions of the United States During the War, 1940–45, and The Balance of International Payments of the United States, 1946–48.

FIGURE Z.—FOREIGN TRADE BY ECONOMIC CLASSES: 1916 to 1949

[See table 1009]



Source: Department of Commerce, Bureau of the Census.

No. 990.—U. S. Government Foreign Aid by Program: July 1, 1940, to Dec. 31, 1949

[In millions of dollars. "Foreign aid (net)" represents the gross value of goods, services, and funds furnished to foreign countries through the utilization of U. S. Government grants, loans, and other credits, less the value of similar items received from foreign sources in the form of reverse grants and credit repayments. Grants "unutilized" represent difference between total amount appropriated by Congress or, if an appropriation is not required, amount authorized by Congress, and grants utilized. Credits "unutilized" represent difference between total amount authorized by Congress and amounts utilized. "Reverse grants" are comprised of: (a) Goods, services, and funds received through reverse lend-lease as reported by Treasury Department; and (b) The dollar equivalent of foreign currencies acquired as a result of European recovery and Chinese and Korean aid programs of Economic Cooperation Administration. "Credit repayments" represent amount of principal collections received, excluding repayments on World War I debts]

PROGRAM	UTILIZED AND RETURNED							Unutilized, Dec. 31, 1949 (estimated)
	Total war and postwar period	War period[1]	Postwar period					
			Total	July–December 1945	1946	1947	1948	1949
Foreign aid (net)	64,922	40,481	24,440	2,544	5,425	5,920	5,043	5,507	----
Grants utilized less reverse grants	55,021	39,692	15,329	1,913	2,262	2,042	4,055	5,056	----
Credits utilized less repayments	9,901	789	9,111	631	3,163	3,878	988	451	----
Grants and credits utilized	74,663	48,701	25,962	2,697	5,535	6,233	5,523	5,976	7,652
Grants utilized	63,186	47,468	15,718	2,015	2,289	2,049	4,078	5,286	5,902
Lend-lease	47,286	46,074	1,213	1,082	131	----	----	----	----
Economic cooperation:									
European recovery	5,132	----	5,132	----	----	----	1,397	3,735	3,706
Chinese aid	160	----	160	----	----	----	96	64	113
Korean aid	29	----	29	----	----	----	----	29	67
Civilian supplies	4,983	813	4,170	339	637	965	1,300	928	475
UNRRA	2,660	83	2,577	479	1,458	640	----	----	----
Post-UNRRA and interim aid	857	----	857	----	----	242	613	2	----
Greek-Turkish aid	594	----	594	----	----	74	349	172	76
Chinese stabilization	500	380	120	105	15	----	----	----	----
Philippine rehabilitation	452	----	452	----	32	87	130	203	133
Refugee assistance	199	3	196	----	2	19	89	86	36
Chinese military aid	116	----	116	----	----	----	72	45	9
Mutual defense assistance	----	----	----	----	----	----	----	----	1,264
Other	217	115	101	11	13	22	33	22	24
Credits utilized	11,477	1,232	10,244	681	3,245	4,183	1,444	690	1,750
Special British loan	3,750	----	3,750	----	600	2,850	300	----	----
Export-Import Bank loans	[2] 3,022	[2] 489	2,532	58	1,036	824	429	185	1,319
Lend lease	1,672	326	1,347	623	593	109	18	5	4
Surplus propery (including merchant ships)	1,363	----	1,363	----	878	245	212	29	----
European recovery	902	----	902	----	----	----	476	425	226
Reconstruction Finance Corporation loans	487	417	70	[3]	[3]	70	[3]	----	35
Other	281	----	281	[3]	139	86	9	47	166
Reverse grants and credit repayments	9,741	8,219	1,522	152	109	312	479	469	----
Reverse grants	8,165	7,776	389	102	27	7	23	230	----
Reverse lend-lease	7,912	7,776	136	102	27	7	1	----	----
Economic cooperation	252	----	252	----	----	----	22	230	----
European recovery	242	----	242	----	----	----	22	220	----
Chinese aid	2	----	2	----	----	----	[3]	2	----
Korean aid	8	----	8	----	----	----	----	8	----
Credit repayments (principal only)	1,576	443	1,133	50	82	305	456	239	----
Export-Import Bank loans	[4] 835	[4] 276	560	20	40	95	261	144	----
Reconstruction Finance Corporation loans	324	120	205	26	36	60	37	46	----
Surplus property (including merchant ships)	99	----	99	----	----	18	37	44	----
Lend-lease	87	47	39	4	5	12	12	6	----
Other	231	[3]	231	[3]	1	121	109	[3]	----

[1] July 1, 1940, through June 30, 1945.
[2] Includes $160 million disbursed between date of organization, Feb. 12, 1934, and June 30, 1940.
[3] Less than $500,000.
[4] Includes $61 million received between date of organization, Feb. 12, 1934, and June 30, 1940.

Source: Department of Commerce, Office of Business Economics; quarterly report, Foreign Transactions of the U. S. Government.

No. 991.—U. S. Government Foreign Grants, by Country: July 1, 1940 to Dec. 31, 1949

[In millions of dollars. See headnote, table 990]

Country	Utilized								Unutilized, Dec. 31, 1949 (estimated)
	Total war and postwar period	War period[1]	Postwar period						
			Total	July–December 1945	1946	1947	1948	1949	
Total	63,186	47,468	15,718	2,015	2,289	2,049	4,078	5,286	5,902
American Republics[2]	457	424	33	7	9	7	6	4	5
Albania	20	------	20	11	5	4	------	------	------
Austria	625	1	624	18	72	149	183	202	68
Belgium and possessions and Luxembourg	388	68	321	31	31	(3)	56	202	128
British Commonwealth	31,734	29,952	1,782	263	7	(3)	485	1,027	404
China	2,758	1,232	1,526	738	303	172	203	109	125
Czechoslovakia	189	6	183	54	98	31	------	------	------
Denmark	112	------	112	------	(3)	------	18	94	26
Egypt	2	2	(3)	(3)	------	1	------	------	------
Ethiopia	1	1	(3)	------	(3)	(3)	------	------	------
Finland	3	1	2	(3)	1	1	------	------	------
France and possessions	4,100	2,581	1,519	79	1	12	620	807	401
Germany	2,499	------	2,499	3	259	390	925	921	421
Greece	1,054	79	975	127	126	140	337	245	125
Hungary	2	------	2	------	1	1	------	------	------
Iceland	5	(3)	5	------	------	------	(3)	5	4
Ireland	3	(3)	3	------	(3)	------	------	3	22
Italy	1,771	310	1,461	136	370	258	309	389	306
Japan and Ryukyu Islands	1,505	4	1,501	8	200	456	396	440	355
Korea	275	------	275	(3)	22	70	96	86	67
Netherlands and possessions and Indonesia	484	109	375	32	(3)	1	87	254	226
Norway	93	31	62	(3)	1	(3)	17	43	62
Philippines	541	53	488	29	35	92	130	203	133
Poland	387	22	365	76	216	74	------	------	------
Saudi Arabia	7	7	------	------	------	------	------	------	------
Spain	2	2	------	------	------	------	------	------	------
Sweden	40	1	40	1	------	------	1	38	15
Switzerland	2	------	2	------	2	------	------	------	------
Trieste	31	------	31	------	------	12	10	9	7
Turkey	174	35	139	------	------	1	73	66	55
U. S. S. R.	11,026	10,783	243	78	120	45	------	------	------
Yugoslavia	331	32	299	115	150	34	------	------	------
Trust territory of the Pacific	6	2	4	3	2	------	------	------	------
Other countries	(3)	(3)	(3)	(3)	(3)	------	------	------	------
International organizations	583	53	530	40	177	93	116	104	51
Intergovernmental Committee on Refugees	15	2	13	------	2	4	7	------	------
International Children's Emergency Fund	60	------	60	------	------	15	27	18	15
International Refugee Organization	168	------	168	------	------	15	82	71	36
United Nations	15	------	15	------	------	------	------	15	------
UNRRA (cash only)	325	51	274	40	175	59	------	------	------
Unallocated	1,974	1,676	298	166	82	4	11	35	2,895
Lend-lease	1,229	1,229	(3)	(3)	------	------	------	------	------
Civilian supplies—Europe	594	435	158	156	3	------	------	------	------
UNRRA	96	4	91	9	78	4	------	------	------
European recovery	41	------	41	------	------	------	8	33	2,342
Mutual defense assistance	------	------	------	------	------	------	------	------	553
Other	15	8	7	1	1	(3)	3	2	------

[1] July 1, 1940, through June 30, 1945.
[2] Country detail not shown because a substantial part of aid to this area is not available by country.
[3] Less than $500,000.

Source: Department of Commerce, Office of Business Economics; quarterly report, Foreign Transaction o the U. S. Government.

No. 992.—U. S. Government Foreign Credits, by Country: July 1, 1940, to Dec. 31, 1949

[In millions of dollars. See headnote, table 990]

Country	Utilized								Unutilized, Dec. 31, 1949
	Total war and postwar period [1]	War period [1 2]	Postwar period						
			Total	July–December 1945	1946	1947	1948	1949	
Total	**11,477**	**1,232**	**10,244**	**681**	**3,245**	**4,183**	**1,444**	**690**	**1,750**
American Republics	740	374	365	32	101	92	62	77	160
Austria	25		25		1	4	14	6	
Bahrein	17	17							
Belgium and possessions and Luxembourg	222		222		138		33	51	9
British Commonwealth	5,511	607	4,903	581	710	2,852	679	81	39
United Kingdom	5,138	434	4,704	581	660	2,850	532	80	35
Australia	16	8	8		7		1		
Canada	173	33	141				140	1	4
India	176	132	45		39		6		
Other British Commonwealth	6	[3]	6	[3]	4	2	[3]		
Burma	5		5			5	[3]	[3]	
China	348	119	229	4	155	47	21	2	15
Czechoslovakia	30	1	30		22	8	[3]		
Denmark	52		52	8	7	1	23	14	
Egypt	18		18		9	[3]	3	5	[3]
Ethiopia	6	4	1		[3]	1	[3]	[3]	2
Finland	147	26	121		51	31	26	12	5
France and possessions	2,122		2,122		1,295	590	184	53	4
Germany	126	[3]	126		21	21	84		
Greece	111		111		36	61	14		
Hungary	16		16		15	1			
Iceland	3	1	2				2	[3]	
Iran	38	[3]	37	9	4	[3]	8	16	
Iraq	1		1		1				
Ireland	64		64					64	22
Israel	7		7					7	93
Italy	398	13	385		144	71	103	67	23
Japan	263		263		121	75	20	48	21
Korea	25		25		7	8	10		
Lebanon	2		2		2				
Liberia	16	2	15	2	4	3	2	4	8
Netherlands and possessions and Indonesia	531	36	495	24	215	102	56	99	1
Norway	115	[3]	115		8	24	52	31	
Philippines	79		79		6	70	3	[3]	[3]
Poland	81	4	78		35	22	19	1	
Portugal and possessions	1	1							
Saudi Arabia	27	8	18	4	9	5			4
Spain	14	14							
Sweden	8	4	4				2	2	21
Thailand	6		6		5	[3]	1		
Turkey	55		55		3	10	13	29	31
U. S. S. R.	223		223	17	120	79	6	1	
Yugoslavia	1		1				1		20
Other countries	[3]	[3]							21
International organization: United Nations	23		23				3	20	42
Unallocated									44
Uncommitted lending authority									1,164
Export-Import Bank									889
European recovery									151
Other									123

[1] Includes $160 million disbursed by Export-Import Bank between date of organization, Feb. 12, 1934, and June 30, 1940.
[2] July 1, 1940, through June 30, 1945.
[3] Less than $500,000.

Source: Department of Commerce, Office of Business Economics; quarterly report, Foreign Transactions of the U. S. Government.

No. 993.—Credit Repayments and Reverse Grants Received by the U. S. Government, July 1, 1940, to Dec. 31, 1949, and Credits Outstanding on December 31, 1949, by Country

[**In millions of dollars.** See headnote, table 990]

Country	Total war and postwar period	War period [1]	Postwar period						Credits outstanding, Dec. 31, 1949
			Total	July–December 1945	1946	1947	1948	1949	
	Credit repayments (principal only)								
Total	[2] 1,576	[2] 443	1,133	50	82	305	456	239	9,901
American Republics	341	191	150	10	26	32	39	43	398
Austria	1		1			(3)	(3)	1	24
Bahrein	17	1	16	3	(3)	13			
Belgium [4] and Luxembourg	24		24		2	2	8	12	197
British Commonwealth	479	144	335	23	35	45	182	49	5,032
United Kingdom	307	118	189	23	35	45	39	47	4,831
Australia	1		1					1	15
Canada	167	26	141	(3)	(3)	(3)	140	(3)	6
India	2		2				2	(3)	174
Other British Commonwealth	1	(3)	1	(3)	(3)		1	(3)	6
Burma	(3)		(3)				(3)		5
China	178	69	109	14	10	18	35	32	169
Czechoslovakia	25	1	24			(3)	7	17	6
Denmark	(3)		(3)					(3)	52
Egypt	11		11			1	9	1	7
Ethiopia	1	(3)	(3)	(3)	(3)		(3)	(3)	5
Finland	25	2	22			13	3	7	122
France and possessions	68		68		5	19	21	24	2,053
Germany	41	(3)	41			3	38		84
Greece	10		10			3	3	4	101
Hungary	2		2			(3)	1	(3)	14
Iceland	1	1							2
Iran	11	(3)	10		1	4	3	2	27
Iraq	1		1			(3)	1		
Ireland									64
Israel									7
Italy	47	13	34		1	11	17	5	351
Japan	218		218			116	76	25	46
Korea									25
Lebanon	1		1			(3)	1	(3)	1
Liberia									17
Netherlands [4] and Indonesia	22		22		1	11	4	6	509
Norway	7	(3)	7			(3)	3	4	108
Philippines	14		14			11	2	(3)	65
Poland	1	(3)	1			(3)	1	(3)	80
Portugal and possessions	1	1	(3)			(3)	(3)		(3)
Saudi Arabia	2		2				1	1	25
Spain	14	14							
Sweden	5	4	1					1	4
Thailand	(3)		(3)				(3)	(3)	6
Turkey	8		8			1	2	4	47
U. S. S. R.									223
Yugoslavia									1
Other countries	(3)	(3)							
United Nations organization									23
	Reverse grants								
Total	[5] 8,165	7,776	389	102	27	7	23	230	
Austria	17		17				(3)	17	
Belgium [4] and Luxembourg	191	191	(3)		(3)		(3)	(3)	
British Commonwealth	6,906	6,710	196	100	27	7	12	50	
China	6	4	2				(3)	2	
Denmark	6		6				(3)	6	
France and possessions	934	867	67	1			4	62	
Germany	28		28				(3)	28	
Greece	15		15				1	14	
Italy	21		21				5	16	
Korea	8		8					8	
Netherlands [4] and Indonesia	23	2	20	(3)			(3)	20	
Norway	7		7				(3)	6	
Trieste	1		1				(3)	1	
U. S. S. R.	2	2							
Other countries	1	(3)	1	(3)				(3)	

[1] July 1, 1940, through June 30, 1945.
[2] Includes $61 million received by Export-Import Bank between date of organization, Feb. 12, 1934, and June 30, 1940.
[3] Less than $500,000. [4] Including possessions.
[5] Includes reverse lend-lease data based on reports prepared by foreign governments.

Source: Department of Commerce, Office of Business Economics; quarterly report, Foreign Transactions of the United States Government.

No. 994.—ECA European Program—Authorizations and Paid Shipments by Commodity Group and Area of Origin: Apr. 3, 1948, to Dec. 31, 1949

[Millions of dollars]

COMMODITY GROUP	Total	United States	Canada	Latin America	Participating countries	Other countries
PROCUREMENT AUTHORIZATIONS						
Grand total	**8,022.4**	**5,055.0**	**1,027.5**	**758.6**	**200.2**	**367.7**
Total commodities	7,392.2	5,039.4	1,027.5	758.6	199.1	367.7
Food and agricultural commodities	3,622.3	2,657.7	540.5	322.6	49.9	51.6
Industrial commodities	3,769.9	2,381.7	486.9	436.0	149.2	316.2
Technical services	16.7	15.6	———	———	1.1	———
Ocean freight	613.4	(1)	(1)	(1)	(1)	(1)
PAID SHIPMENTS						
Grand total	**5,974.3**	**3,551.7**	**874.5**	**467.3**	**325.0**	**296.2**
Total commodities	5,511.2	3,549.3	874.5	467.3	323.9	296.2
Food and agricultural commodities	2,999.9	2,150.0	496.0	267.9	45.9	40.2
Industrial commodities	2,511.3	1,399.3	378.5	199.5	278.0	256.0
Technical services	3.5	2.4	———	———	1.1	———
Ocean freight	459.6	(1)	(1)	(1)	(1)	(1)
COMMODITY DETAIL						
Food, feed, and fertilizer	**2,125.6**	**1,297.4**	**496.0**	**251.7**	**45.0**	**35.5**
Bread grains	1,075.2	689.6	385.6	———	———	———
Fats and oils	260.7	192.8	10.4	8.7	20.0	28.8
Coarse grains	201.9	194.5	7.4	———	———	———
Sugar and related products	180.5	.2	———	178.4	1.1	1.0
Meat	114.6	22.0	66.5	24.1	1.9	.2
Dairy products	105.4	95.8	9.4	.1	.1	———
Feeds and fodder	42.4	23.8	2.8	11.8	1.9	2.2
Fertilizer	35.6	9.6	3.1	10.2	10.0	2.6
Fruits and nuts, except peanuts	22.1	19.4	.3	———	2.5	———
Vegetables and preparations	16.0	8.0	———	———	7.4	.4
Fish and products, except fish oil and meal	15.3	6.0	9.3	———	———	———
Rice	15.3	12.3	———	3.0	———	———
Coffee	13.9	———	———	13.9	———	———
Eggs	12.7	12.7	———	———	———	———
Miscellaneous grain preparations	6.2	5.6	.5	———	———	———
Seeds, other than oilseeds	3.2	2.6	.6	———	.1	———
Miscellaneous agricultural products	4.5	2.7	———	1.4	———	.3
Fuel	**894.4**	**361.8**	**.1**	**59.7**	**249.6**	**223.2**
Petroleum and products	621.1	185.0	.1	[3] 59.7	[3] 165.1	211.1
Coal and related fuels	273.3	176.7	———	———	84.5	12.1
Raw materials and semifinished products	**1,673.1**	**1,109.7**	**352.2**	**149.5**	**24.8**	**36.9**
Cotton	606.7	606.4	———	.3	———	———
Nonferrous metals and products	397.5	84.3	208.6	86.2	14.8	3.5
Iron and steel mill materials and products, including ferro-alloys	149.9	131.9	10.6	.1	7.1	.1
Chemicals and related products	136.7	128.1	3.4	4.0	1.1	.1
Pulp and paper	79.5	13.9	65.7	———	———	———
Lumber and lumber manufactures	67.7	26.9	38.9	.5	.5	.9
Fabricated basic textiles	66.0	36.1	2.4	.9	.7	25.9
Hides, skins, and leather	51.8	15.6	3.2	32.6	———	.4
Nonmetallic minerals	41.9	34.5	7.2	.1	———	———
Metallic ores and concentrates	34.9	6.1	12.2	15.2	.1	1.3
Fibers, except unmanufactured cotton and wool	17.1	2.7	———	9.5	.3	4.6
Naval stores	13.9	13.9	———	———	———	.1
Wool, unmanufactured	8.8	8.8	———	———	———	———
Miscellaneous fiber products	.5	.5	———	———	———	———
Machinery and vehicles	**561.7**	**537.4**	**21.7**	———	**2.6**	**.1**
Machinery and equipment	375.0	358.0	14.5	———	2.4	.1
Motor vehicles, engines, and parts	116.8	115.7	1.0	———	———	———
Aircraft, engines, and parts	36.3	36.3	———	———	———	———
Miscellaneous transportation equipment	33.7	27.4	6.1	———	.1	———
Miscellaneous and unclassified	**256.5**	**243.0**	**4.5**	**6.4**	**2.0**	**.5**
Tobacco	222.1	216.9	———	4.7	.6	———
Miscellaneous industrial commodities	28.6	22.2	4.5	.1	1.5	.5
Unclassified agricultural commodities	5.7	3.9	———	1.7	———	.1

[1] Not available.
[2] ECA expenditures supplemented by movement reports from United States Government agencies; total paid shipments are less than actual movements because of lag in receipt of shipping documents.
[3] Preliminary.

Source: Economic Cooperation Administration, Monthly Report to the Public Advisory Board.

No. 995.—ECA European Program—Authorizations and Paid Shipments by Commodity Group and Country of Destination: Apr. 3, 1948, to Dec. 31, 1949

[Millions of dollars]

COMMODITY GROUP	Total	United Kingdom	France	Italy	Germany (Fed. Rep.)	Netherlands	Belgium-Luxembourg	Austria	Greece	Denmark	Norway	Ireland	Sweden	Turkey	Trieste	Iceland
PROCUREMENT AUTHORIZATIONS																
Grand total	**8,022.4**	**2,226.4**	**1,697.4**	**883.4**	**801.9**	**713.6**	**445.8**	**367.8**	**273.2**	**169.0**	**157.6**	**111.6**	**74.6**	**66.0**	**23.2**	**11.1**
Total commodities	7,392.2	2,150.4	1,453.4	766.5	723.3	705.7	422.0	330.5	245.4	167.0	156.6	111.3	74.6	56.4	18.4	11.1
Food and agricultural commodities	3,622.3	1,131.8	480.5	373.9	569.3	292.8	159.6	233.0	141.5	78.4	62.4	69.3	2.1	12.8	10.9	4.2
Industrial commodities	3,769.9	1,018.6	972.9	392.6	154.0	412.9	262.4	97.5	103.9	88.6	94.2	42.0	72.5	43.6	7.5	6.9
Technical services	16.7	5.6	4.5	2.3			.1				1.0			3.0		
Ocean freight	613.4	70.4	239.5	114.6	78.7	7.8	23.7	37.3	27.8	2.0		.2		6.6	4.8	
PAID SHIPMENTS																
Grand total [1]	**5,974.3**	**1,821.9**	**1,296.5**	**577.4**	**600.5**	**486.8**	**309.1**	**300.2**	**184.0**	**142.8**	**95.7**	**66.9**	**39.1**	**30.1**	**15.9**	**7.6**
Total commodities	5,511.2	1,763.8	1,097.7	488.4	552.2	481.6	296.0	272.5	168.1	142.8	94.6	66.6	39.1	27.0	13.3	7.5
Food and agricultural commodities	2,999.9	990.8	403.4	299.5	445.4	230.9	118.7	204.6	117.8	74.0	46.9	46.8	.3	8.6	9.2	3.1
Industrial commodities	2,511.3	773.0	694.3	188.9	106.8	250.7	177.3	67.9	50.3	68.8	47.7	19.8	38.8	18.4	4.1	4.4
Technical services	3.5	1.0	.5	.1			.1				1.1			.7		
Ocean freight	459.6	57.1	198.2	88.9	48.3	5.2	13.0	27.8	15.8			.2		2.4	2.5	
COMMODITY DETAIL																
Food, feed, and fertilizer	**2,125.6**	**702.8**	**212.4**	**188.2**	**282.2**	**191.4**	**110.7**	**177.7**	**113.4**	**56.0**	**37.1**	**32.8**		**8.6**	**9.2**	**3.1**
Bread grains	1,075.2	408.2	79.0	166.5	66.4	97.0	44.8	88.6	72.0		25.5	11.5		8.6	5.9	1.1
Fats and oil	260.7	9.5	64.5	15.2	61.5	30.6	15.6	43.0	3.0	11.0	4.5	.2			2.0	.2
Coarse grains	201.9		24.2		97.9	21.2	3.3	11.4	2.3	17.4	5.1	19.0				
Sugar and related products	180.5	110.5	12.5		9.4	15.9	11.0	10.6	10.5			.2				
Meat	114.6	76.4	.7		18.6	4.3	7.6	4.1	2.7	.1		.1			.1	
Dairy products	105.4	68.6	11.8		.4	1.0	11.8	.4	10.2						1.2	
Feeds and fodder	42.4		4.4		2.4	5.0		2.2		24.9	2.0					1.4
Fertilizer	35.6	.9	11.5	.2	4.9	5.8	.7	6.1	5.2							.3
Fish and products, except fish oil and meal	15.3	11.5		3.0			.4		.2			.3				
Fruits and nuts, except peanuts	22.1	9.2			2.5		8.9	.9		.3		.4				
Vegetables and preparations	16.0		.1		11.0	.1	.4	3.0	1.3			.1				
Rice	15.3		1.0		.5	9.6	.9	1.6	1.4	.2						.1
Coffee	13.9			1.9	4.7		3.7	.2	1.8	1.7						
Eggs	12.7	8.0			1.8		.2	2.7								
Miscellaneous grain preparations	6.2		1.7	.9	.1	.4	.2	2.1		.2		.5				
Seeds, other than oilseeds	3.2		.7	.5		.4		.9		.2		.4				
Miscellaneous agricultural products	4.5		.3	.1	.1		1.3		2.6							

Fuel	894.4	211.4	345.9	116.6	13.9	42.4	36.4	26.3	12.5	34.3	16.3	5.4	28.0	1.0	3.5	.5
Petroleum and products	621.1	211.4	190.1	45.1	13.9	26.8	34.3	2.1	11.8	31.4	16.3	5.4	28.0	1.0	2.9	.5
Coal and related fuels	273.3		155.9	71.5		15.6	2.1	24.2	.7	2.9					.6	
Raw materials and semifinished products	1,673.1	624.5	357.9	157.4	201.0	149.5	48.6	47.0	20.8	22.5	26.4	8.0	6.7	1.3	.6	.9
Cotton	606.7	160.2	170.9	108.1	112.0	26.2	.1	17.5	4.1	6.5	.6	.2	.3			
Nonferrous metals and products	397.5	240.7	83.2	12.8	12.9	28.9	.6	6.8	.3	6.6	3.3		1.2		.1	
Iron and steel mill materials and products, including ferro-alloys	149.9	36.4	23.6	13.4	2.2	31.3	8.6	3.5	5.0	7.0	15.0	1.3	2.2	.3	.3	.1
Chemicals and related products	136.7	34.3	39.8	10.0	7.9	13.2	14.2	8.8	5.4	.3	.8	.4	1.2	.3	.1	
Pulp and paper	79.5	61.1	3.4	.1	10.9	.6	1.3		.2			1.7				.2
Lumber and lumber manufactures	67.7	47.5	2.5	1.0	1.2	4.0	4.5	.8	2.8		.3	2.3		.7	.1	
Fabricated basic textiles	66.0	7.4	4.5	5.0	5.8	32.4	1.3	.5	.5	.4	5.5	1.5	.7			.5
Hides, skins, and leather	51.8	1.8	.3	5.3	32.3	4.6	1.0	3.7	2.4			.4				
Nonmetallic minerals	41.9	19.2	9.6	.2	1.8	3.0	5.4	.8	.2	.3	.1	.2	1.2			
Metallic ores and concentrates	34.9	10.6	9.9		.6	2.4	11.1	.3								
Fibers, except unmanufactured cotton and wool	17.1		9.8		3.8	.9	.1	.2		1.4	.8					
Naval stores	13.9	5.4		1.4	4.8	1.9	.3	.1								
Wool, unmanufactured	8.8				4.8			4.0								
Miscellaneous fiber products	.5		.2			.3										
Machinery and vehicles	561.7	99.9	165.2	23.6	14.7	83.7	90.4	15.7	15.2	18.5	6.2	5.7	4.2	15.9		2.9
Machinery and equipment	375.0	97.8	110.1	23.2	8.5	36.4	31.6	14.5	9.7	13.8	5.3	3.5	3.8	14.7		2.0
Motor vehicles, engines, and parts	116.8	1.7	10.2		5.5	29.5	56.6	1.0	5.2	2.9		2.2	.5	1.2		.2
Aircraft, engines, and parts	36.3		15.7	.1		16.7	1.7		.4	.8	.8					
Other transportation equipment	33.7	.3	29.1	.2	.7	1.1	.4	.2		.9	.1					.6
Miscellaneous and unclassified	256.5	125.3	16.3	2.7	40.4	14.6	9.9	5.8	6.2	11.5	8.6	14.7	.2	.2		.2
Tobacco	222.1	122.2	9.0	1.7	35.9	8.9	7.3	5.0		10.0	8.3	13.8				
Miscellaneous industrial commodities	28.6	2.8	6.0	.9	2.5	4.1	2.5	.7	5.9	1.4	.3	.9	.2	.2		.1
Unclassified agricultural commodities	5.7	.3	1.3		2.0	1.6	.1	.1	.3							

[1] ECA expenditures supplemented by movement reports from U. S. Government agencies; total paid shipments are less than actual movements because of lag in receipt of shipping documents.

Source: Economic Cooperation Administration, Monthly Report to the Public Advisory Board.

No. 996.—ECA China Program—Authorizations and Paid Shipments, by Commodity Group: Apr. 3, 1948, to Dec. 31, 1949

[Millions of dollars]

Commodity group	Procurement authorized			Paid shipments [1]		
	Total	From United States	Off-shore	Total	From United States	Off-shore
Grand total	**178.6**	**85.4**	**81.0**	**156.3**	**82.4**	**67.0**
Total commodities	164.2	83.2	81.0	147.3	80.3	67.0
Food and agricultural commodities	127.6	83.2	44.5	118.8	79.0	39.8
Industrial commodities	36.5	-------	36.5	28.5	1.3	27.2
Technical services	2.3	2.3	-------	1.6	1.6	-------
Ocean freight [2]	10.7	(3)	(3)	6.9	(3)	(3)
Joint Commission on Rural Reconstruction	1.4	(3)	(3)	.5	.5	-------
Commodity detail:						
Cotton, except linters	60.6	60.6	-------	59.5	59.5	-------
Rice	45.6	4.6	41.0	41.4	5.1	36.3
Petroleum and products	35.8	-------	35.8	27.8	[4] 1.3	[4] 26.4
Bread grains	11.3	11.3	-------	11.4	11.4	-------
Fertilizer, nitrogenous	10.2	6.7	3.5	6.6	3.1	3.5
Coal and related fuels	.8	-------	.8	.8	-------	.8
Unclassified cotton credits	−.1	−.1	-------	-------	-------	-------

[1] ECA expenditures supplemented by movement reports from U. S. Government agencies; total paid shipments are less than actual movements because of the time required for receipt and processing of documents requesting payment.
[2] Including $110,000 for freight on medical supplies provided under Public Law 84.
[3] Origin not available. [4] Preliminary.

Source: Economic Cooperation Administration, Monthly Report to the Public Advisory Board.

No. 997.—ECA Korea Program—Authorizations and Paid Shipments, by Commodity Group: Jan. 1, 1949, to Dec. 31, 1949

[Millions of dollars]

Commodity group	Procurement authorized			Paid shipments [1]		
	Total	From United States	Off-shore	Total	From United States	Off-shore
Grand total	**71.3**	**44.1**	**17.9**	**20.5**	**10.1**	**9.5**
Total commodities	61.1	43.2	17.9	19.1	9.7	9.5
Food and agricultural commodities	35.5	33.6	1.9	9.0	8.9	.1
Industrial commodities	25.5	9.6	15.9	10.2	.8	9.4
Technical services	[2] 1.5	.9	-------	.5	.4	-------
Ocean freight	8.8	(3)	(3)	.9	(3)	(3)
Commodity detail:						
Fertilizer	23.5	22.2	1.4	.2	.2	-------
Coal and related fuels	7.1	-------	7.1	7.1	-------	7.1
Raw cotton except linters	6.3	6.3	-------	3.9	3.9	-------
Petroleum and products	5.6	5.2	.3	.3	-------	.3
Bread grains	4.7	4.7	-------	4.7	4.7	-------
Iron and steel mill materials and products, including ferro-alloys	3.3	.8	2.5	.5	.1	.5
Vehicles and parts	2.5	1.1	1.4	1.4	.4	1.0
Machinery and equipment	1.8	.7	1.0	.1	-------	.1
Nonmetallic minerals	1.6	-------	1.6	-------	-------	-------
Chemicals and related products	1.5	1.0	.5	-------	-------	-------
Fabricated basic textiles	1.1	.3	.8	.5	.3	.2
Lumber and lumber products	.7	.2	.5	.1	-------	.1
Vegetable fibers, manila or abaca	.6	-------	.6	.1	-------	.1
Miscellaneous and unclassified	.9	.7	.2	.2	.1	.1

[1] ECA expenditures supplemented by movement reports from U. S. Government agencies; total paid shipments are less than actual movements because of the lag in receipt of shipping documents.
[2] Including $568,000 for which origin is not available. [3] Origin not available.

Source: Economic Cooperation Administration, Monthly Report to the Public Advisory Board.

No. 998.—Foreign Trade of the United States—Summary: 1931 to 1949

[In thousands of dollars. For calendar years]

ITEM	1931–1935, average	1936–1940, average	1941–1945, average	1946	1947	1948	1949
Merchandise:							
Exports (incl. reexports)	**2,025,195**	**3,219,581**	**10,051,075**	**9,738,321**	**14,429,747**	**12,653,058**	**12,000,202**
U. S. merchandise	1,988,914	3,166,518	9,922,152	9,500,184	14,252,285	12,532,093	11,885,196
Reexports of foreign merchandise	36,281	53,063	128,923	238,137	177,462	120,965	115,006
General imports	**1,713,102**	**2,482,030**	**3,514,080**	**4,942,054**	**5,756,333**	**7,123,877**	**6,626,221**
Entered for immediate consumption	1,496,613	2,092,793	3,054,652	4,285,309	5,074,227	6,360,870	5,945,670
Entered for warehouse	216,488	389,237	459,428	656,745	682,106	763,007	680,551
Excess of exports	**312,093**	**737,552**	**6,536,995**	**4,796,267**	**8,673,413**	**5,529,181**	**5,373,981**
Imports for consumption	**1,704,294**	**2,440,042**	**3,475,593**	**4,824,902**	**5,666,321**	**7,092,032**	**6,598,058**
Entered for immediate consumption	1,496,613	2,092,793	3,054,652	4,285,309	5,074,227	6,360,870	5,945,670
Withdrawn from warehouse	207,681	347,249	420,941	539,593	592,094	731,162	652,388
Free	1,075,585	1,475,825	2,293,945	2,934,955	3,454,647	4,174,523	3,886,254
Dutiable	628,709	964,217	1,181,648	1,889,946	2,211,674	2,917,509	2,711,805
Percent free	63.11	60.48	66.00	60.83	60.97	58.86	58.90
Duties calculated	314,477	365,151	379,704	477,854	(1)	(1)	(1)
Ratio of duties (percent):							
To total imports for consumption	18.45	14.97	10.92	9.90	(1)	(1)	(1)
To dutiable imports	50.02	37.87	32.13	25.28	(1)	(1)	(1)
Gold:							
Exports	339,539	16,989	238,443	221,468	213,241	300,771	84,936
Imports	819,256	2,615,845	321,514	532,962	2,079,588	1,981,175	771,390
Excess of: Imports	479,717	2,598,856	83,070	311,494	1,866,348	1,680,404	686,455
Exports							
Silver:							
Exports	18,946	9,879	51,243	36,455	30,649	12,400	23,281
Imports	113,159	129,793	33,342	57,578	68,140	70,885	73,536
Excess of: Imports	94,213	119,914		21,123	37,492	58,484	50,255
Exports			17,901				

[1] Not available.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 999.—Composition of United States Exports of Domestic and Foreign Merchandise: 1941 to 1949

[In millions of dollars]

YEAR	Total exports [1]	Exports under Lend-Lease Program [2]	Exports under U. N. R. R. A. Program	Exports under Civilian Supply Program [3]	Other exports [4]
1941	5,147.2	740.9			4,406.3
1942	8,079.0	4,932.7			3,146.2
1943	12,964.9	10,357.5			2,607.4
1944	14,258.7	11,297.5			2,961.2
1945	9,805.6	5,559.8	357.0	[5]	3,888.8
1946	9,738.3	652.9	1,013.4	[5]	8,072.0
1947	[6] 14,429.7	23.6	387.7	910.5	14,018.5
1948	12,653.1	[7] 2.2	7.8	901.4	11,748.6
1949	12,000.2			705.5	11,294.7

[1] Represents commercial shipments for all years, shipments to U. S. Government agencies abroad after July 1945, and all shipments under foreign aid programs, except as explained in footnote 3. Excludes shipments to U. S. armed forces abroad for own use.

[2] Lend-Lease shipments made after cessation of hostilities with Japan in August 1945 represent, for most part, merchandise for which arrangements for repayment were completed prior to exportation of merchandise.

[3] Shipments began in 1945, but data not compiled by Bureau of Census prior to 1947. Data for 1947 excluded from total exports.

[4] Includes all shipments under other foreign aid programs, such as United States Foreign Relief Program, Interim Aid Program, Greek-Turkish Aid Program, Economic Cooperation Administration Program, etc.

[5] Not available.

[6] Excludes shipments under Civilian Supply Program.

[7] Represents January-June total; separate tabulation discontinued after June 1948.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1000.—Exports and Imports of Merchandise, Gold, and Silver: 1791 to 1949

[**In thousands of dollars.** For basis of dollar values, see general note, p. 827. Figures are for fiscal years ending Sept. 30, 1791 to 1842, and June 30, 1843 to 1915; calendar years thereafter. For total exports and imports of merchandise by individual years prior to 1941, see table 1001. Merchandise figures include gold and silver prior to 1821. See also *Historical Statistics*, series M 42–55]

YEARLY AVERAGE OR YEAR	TOTAL MERCHANDISE, GOLD, AND SILVER			GOLD			SILVER		
	Exports	Imports	Excess of exports (+) or imports (−)	Exports	Imports	Excess of exports (+) or imports (−)	Exports	Imports	Excess of exports (+) or imports (−)
1821–1830	76,575	79,863	−3,288	[1]	[1]	[1]	[1] 7,154	[1] 6,914	[1] +239
1831–1840	109,234	130,268	−21,034	2,154	3,394	−1,240	3,530	7,353	−3,823
1841–1850 [2]	129,288	130,029	−741	3,222	5,463	−2,241	3,445	3,443	+2
1851–1860	298,389	292,226	+6,163	46,372	3,762	+42,610	3,130	3,988	−858
1861–1870	320,313	350,712	−30,399	53,633	13,956	+39,678	12,354	4,890	+7,464
1871–1880	650,325	565,793	+84,532	33,732	19,144	+14,588	27,293	11,428	+15,865
1881–1890	816,503	740,511	+75,992	24,457	33,248	−8,791	26,911	15,077	+11,834
1891–1900	1,137,586	845,452	+292,134	64,265	57,040	+7,225	48,451	25,085	+23,367
1901–1910	1,740,599	1,271,244	+469,356	69,540	76,218	−6,678	54,809	36,526	+18,284
1911–1915	2,515,144	1,837,027	+678,117	83,173	85,969	−2,796	61,432	38,739	+22,693
1915–1920 [3]	6,897,886	3,804,593	+3,093,293	233,248	382,022	−148,773	143,447	64,217	+79,231
1921–1925	4,558,940	3,866,937	+692,003	82,739	347,425	−264,686	79,174	69,409	+9,765
1926–1930	5,077,974	4,348,894	+729,078	222,094	255,528	−33,434	78,566	59,898	+18,668
1931–1935	2,383,679	2,645,517	−261,838	339,539	819,256	−479,717	18,946	113,159	−94,213
1936–1940	3,246,449	5,227,667	−1,981,218	16,989	2,615,845	−2,598,856	9,879	129,793	−119,914
1941–1945	10,340,761	3,868,936	+6,471,825	238,443	321,514	−83,070	51,243	33,342	+17,901
1941	5,152,891	4,374,500	+778,391	64	982,442	−982,378	5,673	47,053	−41,380
1942	8,081,090	3,112,776	+4,968,314	102	315,780	−315,678	1,999	41,103	−39,104
1943	13,028,450	3,511,194	+9,517,256	32,855	101,793	−68,938	30,689	27,903	+2,786
1944	15,344,846	4,066,075	+11,278,770	959,228	113,836	+845,392	126,915	23,373	+103,542
1945	10,096,530	4,280,134	+5,816,396	199,968	93,718	+106,250	90,937	27,278	+63,659
1946	9,996,243	5,532,593	+4,463,650	221,468	532,962	−311,494	36,455	57,578	−21,123
1947	14,673,636	7,904,062	+6,769,574	213,241	2,079,588	−1,866,348	30,649	68,140	−37,492
1948	12,966,229	9,175,937	+3,790,293	300,771	1,981,175	−1,680,404	12,400	70,885	−58,484
1949	12,108,419	7,471,147	+4,637,272	84,936	771,390	−686,455	23,281	73,536	−50,255

YEARLY AVERAGE OR YEAR	MERCHANDISE					
	Total exports and imports	Exports			General imports	Excess of exports(+) or imports (−)
		Total	U. S. merchandise	Reexports		
1791–1800	105,959	46,774	27,740	19,034	59,185	−12,411
1801–1810	167,298	74,532	38,178	36,354	92,766	−18,234
1811–1820	139,801	58,989	46,270	12,719	80,812	−21,823
1821–1830	142,370	69,421	53,221	16,200	72,949	−3,528
1831–1840	223,070	103,550	88,168	15,382	119,520	−15,970
1841–1850 [3]	243,743	122,620	114,894	7,727	121,123	+1,498
1851–1860	533,362	248,887	232,283	16,604	284,475	−35,588
1861–1870	586,194	254,327	238,947	15,380	331,867	−77,541
1871–1880	1,124,523	589,301	574,889	14,412	535,222	+54,080
1881–1890	1,457,322	765,136	750,146	14,990	692,187	+72,949
1891–1900	1,788,198	1,024,870	1,006,183	18,687	763,328	+261,542
1901–1910	2,774,750	1,616,250	1,589,000	27,250	1,158,500	+457,750
1911–1915	4,082,858	2,370,539	2,331,648	38,891	1,712,319	+658,220
1915–1920 [3]	9,879,545	6,521,190	6,416,513	104,677	3,358,354	+3,162,836
1921–1925	7,847,129	4,397,027	4,310,221	86,806	3,450,103	+946,924
1926–1930	8,810,782	4,777,314	4,687,788	89,526	4,033,469	+743,845
1931–1935	3,738,296	2,025,195	1,988,914	36,281	1,713,102	+312,093
1936–1940	5,701,611	3,219,581	3,166,518	53,063	2,482,030	+737,552
1941–1945	13,565,155	10,051,075	9,922,152	128,923	3,514,080	+6,536,995
1941	8,492,159	5,147,154	5,019,877	127,277	3,345,005	+1,802,149
1942	10,834,881	8,078,988	8,003,113	75,875	2,755,893	+5,323,095
1943	16,346,404	12,964,906	12,841,542	123,364	3,381,498	+9,583,408
1944	18,187,568	14,258,702	14,161,544	97,158	3,928,866	+10,329,837
1945	13,964,763	9,805,625	9,584,684	220,941	4,159,138	+5,646,487
1946	14,680,374	9,738,321	9,500,184	238,137	4,942,054	+4,796,267
1947	20,186,080	14,429,747	14,252,285	177,462	5,756,333	+8,673,413
1948	19,776,935	12,653,058	12,532,093	120,965	7,123,877	+5,529,181
1949	18,626,423	12,000,202	11,885,196	115,006	6,626,221	+5,373,981

[1] Silver figures include gold, 1821–30; not available separately prior to 1825.
[2] Period Oct. 1, 1840, to June 30, 1850.
[3] Period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1001.—Exports and Imports of Merchandise, With Trade Balances: 1790 to 1949

[**In thousands of dollars.** For basis of dollar values, see general note, p. 827. Fiscal years ending Sept. 30, 1790 to 1842, June 30 through 1915; calendar years thereafter. See also *Historical Statistics*, series M 51–55]

YEAR	Exports [1]	Imports [1]	Excess of exports (+) or imports (−)	YEAR	Exports	Imports	Excess of exports (+) or imports (−)	YEAR	Exports	Imports	Excess of exports (+) or imports (−)
1790	20,205	23,000	−2,795	1844	105,746	102,605	+3,141	1898	1,231,482	616,050	+615,432
1791	19,012	29,200	−10,188	1845	106,040	113,184	−7,144	1899	1,227,023	697,148	+529,875
1792	20,753	31,500	−10,747	1846	109,583	117,914	−8,331	1900	1,394,483	849,941	+544,542
1793	26,110	31,100	−4,990	1847	156,742	122,424	+34,318				
1794	33,044	34,600	−1,556	1848	138,191	148,639	−10,448	1901	1,487,765	823,172	+664,592
1795	47,990	69,756	−21,766	1849	140,351	141,206	−855	1902	1,381,719	903,321	+478,398
1796	58,575	81,436	−22,861	1850	144,376	173,510	−29,134	1903	1,420,142	1,025,719	+394,423
1797	51,295	75,379	−24,084					1904	1,460,827	991,087	+469,740
1798	61,327	68,552	−7,225	1851	188,915	210,771	−21,856	1905	1,518,562	1,117,513	+401,049
1799	78,666	79,069	−403	1852	166,984	207,440	−40,456	1906	1,743,865	1,226,562	+517,303
1800	70,972	91,253	−20,281	1853	203,489	263,777	−60,288	1907	1,880,851	1,434,421	+446,430
				1854	237,044	297,804	−60,760	1908	1,860,773	1,194,342	+666,431
1801	93,021	111,364	−18,343	1855	218,910	257,809	−38,899	1909	1,663,011	1,311,920	+351,091
1802	71,957	76,333	−4,376	1856	281,219	310,432	−29,213	1910	1,744,985	1,556,947	+188,038
1803	55,800	64,667	−8,867	1857	293,824	348,428	−54,604				
1804	77,699	85,000	−7,301	1858	272,011	263,339	+8,672	1911	2,049,320	1,527,226	+522,094
1805	95,566	120,600	−25,034	1859	292,902	331,333	−38,431	1912	2,204,322	1,653,265	+551,057
1806	101,537	129,410	−27,873	1860	333,576	353,616	−20,040	1913	2,465,884	1,813,008	+652,876
1807	108,343	138,500	−30,157					1914	2,364,579	1,893,926	+470,653
1808	22,431	56,990	−34,559	1861	219,554	289,311	−69,757	1915	2,768,589	1,674,170	+1,094,419
1809	52,203	59,400	−7,197	1862	190,671	189,357	+1,314	1915			
1810	66,758	85,400	−18,642	1863	203,964	243,336	−39,372	(6mos.)	1,852,863	912,787	+940,076
				1864	158,838	316,447	−157,609	1916	5,482,641	2,391,635	+3,091,006
1811	61,317	53,400	+7,917	1865	166,029	238,746	−72,717	1917	6,233,513	2,952,468	+3,281,045
1812	38,527	77,030	−38,503	1866	348,860	434,812	−85,952	1918	6,149,088	3,031,213	+3,117,875
1813	27,856	22,005	+5,851	1867	294,506	395,761	−101,255	1919	7,920,426	3,904,365	+4,016,061
1814	6,927	12,965	−6,038	1868	281,953	357,436	−75,483	1920	8,228,016	5,278,481	+2,949,535
1815	52,558	113,041	−60,482	1869	286,118	417,506	−131,388				
1816	81,920	147,103	−65,183	1870	392,772	435,958	−43,186	1921	4,485,031	2,509,148	+1,975,883
1817	87,672	99,250	−11,578					1922	3,831,777	3,112,747	+719,030
1818	93,281	121,750	−28,469	1871	442,820	520,224	−77,404	1923	4,167,493	3,792,066	+375,427
1819	70,143	87,125	−16,982	1872	444,178	626,595	−182,417	1924	4,590,984	3,609,963	+981,021
1820	69,692	74,450	−4,758	1873	522,480	642,136	−119,656	1925	4,909,848	4,226,589	+683,258
				1874	586,283	567,406	+18,877	1926	4,808,660	4,430,888	+377,772
1821	54,496	54,521	−25	1875	513,443	533,005	−19,562	1927	4,865,375	4,184,742	+680,633
1822	61,350	79,872	−18,522	1876	540,385	460,741	+79,644	1928	5,128,356	4,091,444	+1,036,912
1823	68,326	72,481	−4,155	1877	602,475	451,323	+151,152	1929	5,240,995	4,399,361	+841,634
1824	68,972	72,169	−3,197	1878	694,866	437,052	+257,814	1930	3,843,181	3,060,908	+782,273
1825	90,738	90,189	+549	1879	710,439	445,778	+264,661				
1826	72,891	78,094	−5,203	1880	835,639	667,955	+167,684	1931	2,424,289	2,090,635	+333,654
1827	74,310	71,333	+2,977					1932	1,611,016	1,322,774	+288,242
1828	64,021	81,020	−16,999	1881	902,377	642,665	+259,712	1933	1,674,994	1,449,559	+225,435
1829	67,435	67,089	+346	1882	750,542	724,640	+25,902	1934	2,132,800	1,655,055	+477,745
1830	71,671	62,721	+8,950	1883	823,839	723,181	+100,658	1935	2,282,874	2,047,485	+235,389
				1884	740,514	667,698	+72,816	1936	2,455,978	2,422,592	+33,386
1831	72,296	95,885	−23,589	1885	742,190	577,527	+164,663	1937	3,349,167	3,083,668	+265,499
1832	81,521	95,122	−13,601	1886	679,525	635,436	+44,089	1938	3,094,440	1,960,428	+1,134,012
1833	87,529	101,048	−13,519	1887	716,183	692,320	+23,863	1939	3,177,176	2,318,081	+859,095
1834	102,260	108,610	−6,350	1888	695,955	723,957	−28,002	1940	4,021,146	2,625,379	+1,395,767
1835	115,216	136,764	−21,548	1889	742,401	745,132	−2,731				
1836	124,339	176,579	−52,240	1890	857,829	789,310	+68,519	1941	5,147,154	3,345,005	+1,802,149
1837	111,443	130,473	−19,030					1942	8,078,988	2,755,893	+5,323,095
1838	104,979	95,970	+9,009	1891	884,481	844,916	+39,565	1943	12,964,906	3,381,498	+9,583,408
1839	112,252	156,497	−44,245	1892	1,030,278	827,402	+202,876	1944	14,258,702	3,928,866	+10,329,837
1840	123,669	98,259	+25,410	1893	847,665	866,401	−18,736	1945	9,805,625	4,159,138	+5,646,487
				1894	892,141	654,995	+237,146	1946	9,738,321	4,942,054	+4,796,267
1841	111,817	122,958	−11,141	1895	807,538	731,970	+75,568	1947	14,429,747	5,756,333	+8,673,413
1842	99,878	96,075	+3,803	1896	882,607	779,725	+102,882	1948	12,653,058	7,123,877	+5,529,181
1843 [2]	82,826	42,433	+40,393	1897	1,050,994	764,730	+286,264	1949	12,000,202	6,626,221	+5,373,981

[1] Includes gold and silver prior to 1821.

[2] Period beginning Oct. 1, 1842, and ending June 30, 1843.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1002.—Exports and Imports of Merchandise, Per Capita: 1791 to 1949

[Export figures for 1791 to 1820 are based on total exports including reexports (the latter were then relatively large) and for 1821 to date, on exports of United States merchandise only. Import figures for 1791 to 1820 are based on general imports; for 1821 to 1870, total imports less reexports; and for 1871 to date, imports for consumption. (See tables 1000 and 1023)]

YEARLY AVERAGE	Exports	Imports	YEARLY AVERAGE OR YEAR	Exports	Imports	YEAR	Exports	Imports	YEAR	Exports	Imports
	Dollars	*Dollars*		*Dollars*	*Dollars*		*Dollars*	*Dollars*		*Dollars*	*Dollars*
1791–1800	10.08	12.75	1926–1930	38.50	33.02	1920	74.70	47.16	1935	17.33	15.75
1801–1810	11.82	14.71	1931–1935	15.55	13.33	1921	39.86	23.27	1936	18.57	18.61
1811–1820	6.96	9.53	1936–1940	23.92	18.46	1922	33.75	27.55	1937	25.16	22.96
1821–1830	4.71	5.02	1941–1945 [1]	71.31	24.98	1923	36.11	32.95	1938	23.14	14.75
1831–1840	5.85	6.91	1909	17.96	14.05	1924	39.12	31.10	1939	23.44	17.08
1841–1850	5.67	5.60	1910	18.41	16.66	1925	41.30	35.80	1940 [1]	29.28	18.91
1851–1860	8.48	9.78	1911	21.34	16.19	1926	39.81	37.24	1941 [1]	38.64	24.19
1861–1870	6.73	8.94	1912	22.65	17.13	1927	39.63	34.67	1942 [1]	58.30	20.25
1871–1880	12.86	11.87	1913	24.97	18.17	1928	41.31	33.49	1943 [1]	92.24	24.35
1881–1890	13.31	12.12	1914	23.61	19.32	1929	41.77	35.14	1944 [1]	100.41	27.56
1891–1900	14.41	10.81	1915	27.13	16.46	1930	30.24	24.90	1945 [1]	67.24	28.75
1901–1910	18.54	13.29	1916	53.01	23.06	1931	18.86	16.57	1946 [1]	65.99	33.52
1911–1915	23.98	17.46	1917	59.48	28.14	1932	12.42	10.44	1947 [1]	97.09	38.60
1915–1920 [2]	61.20	31.37	1918	57.51	28.06	1933	12.90	11.22	1948 [1]	83.90	47.48
1921–1925	38.05	30.22	1919	72.69	35.90	1934	16.34	12.73	1949 [1]	78.19	43.41

[1] Based on estimated population including armed forces overseas. [2] Period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1003.—Merchandise Trade of Continental United States With Foreign Countries and Outlying Territories and Possessions: 1903 to 1947

Important Note.—This table differs as to its geographic basis from all other foreign trade tables in this section and in other publications: (1) In the case of other tables the data represent the trade of the United States customs area with all foreign countries, including the Philippine Islands and prior to 1935, the Virgin Islands. The U. S. customs area comprises continental U. S., Alaska, Hawaii, Puerto Rico, and during 1935 through 1939, the Virgin Islands. Trade between continental U. S. and the territories mentioned as part of the customs area are therefore excluded from these data. (2) The present table takes continental United States as the basis. In the totals, trade between it and all United States Territories and possessions is included, while the trade between that part of the customs area outside of continental United States and foreign countries is excluded. Practically all other nations calculate their foreign trade in the manner followed in the present table; that is, totaling the trade of the home country with foreign countries and with all outlying areas. Prior to 1901 Alaska was our only outlying area. Therefore, our foreign trade statistics for 1900 and earlier years very nearly represent the trade of continental United States with foreign countries. Data are for years ending June 30 through 1918; thereafter, for years ending Dec. 31. For purposes of continuity of the data in this table, trade with the Republic of the Philippines has been treated as trade with a Territory through calendar year 1946, even though Philippine independence was established in July 1946.

[In thousands of dollars]

YEARLY AVERAGE OR YEAR	EXPORTS [1]			IMPORTS		
	Total	To foreign countries	To U. S. Territories and possessions	Total	From foreign countries	From U. S. Territories and possessions
1903–1905	1,495,616	1,456,132	39,484	1,090,764	1,026,341	64,423
1906–1910	1,829,286	1,761,625	67,661	1,410,329	1,324,594	85,734
1911–1915	2,441,254	2,337,591	103,664	1,811,234	1,681,207	130,027
1915–1920 [2]	6,656,126	6,452,539	203,587	3,596,084	3,274,496	321,588
1921–1925	4,552,455	4,335,341	217,114	3,650,280	3,351,378	298,902
1926–1930	4,961,994	4,694,505	267,488	4,270,498	3,896,506	373,992
1931–1935	2,172,765	1,973,634	199,131	1,913,075	1,610,686	302,389
1936–1940	3,456,009	3,130,930	325,080	2,725,584	2,365,490	360,095
1941–1945	10,300,012	[3] 9,883,005	417,008	3,772,234	3,464,722	307,512
1937	3,584,892	3,259,423	325,469	3,360,349	2,938,175	422,174
1938	3,317,903	3,004,131	313,772	2,181,571	1,849,602	331,969
1939	3,409,219	3,073,619	335,600	2,549,199	2,211,884	337,315
1940	4,302,018	3,925,653	376,365	2,838,221	2,521,685	316,536
1941	5,552,733	5,025,692	527,040	3,621,609	3,227,938	393,671
1942	8,402,718	8,076,572	326,147	3,000,852	2,734,456	266,396
1943	13,082,053	[3] 12,733,437	348,616	3,634,371	3,355,075	279,296
1944	14,358,404	[3] 13,985,680	372,723	4,188,024	3,900,173	287,851
1945	10,104,153	[3] 9,593,642	510,512	4,416,313	4,105,969	310,344
1946	10,311,117	9,430,231	880,886	5,280,304	4,868,092	412,212
1947	15,206,520	14,411,512	795,007	6,272,122	5,724,969	547,153

[1] Including reexports of foreign merchandise. [2] Period July 1, 1915, to Dec. 31, 1920.

[3] Excludes certain aircraft originating in continental U. S. cleared for foreign country through Alaska, valued as follows: 1943, $214,415,000; 1944, $270,639,000; 1945, $165,070,000.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1004.—Exports (Including Reexports) and General Imports of Merchandise, by Months: 1944 to 1949

[In millions of dollars]

Month	1944		1945		1946		1947		1948		1949	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
January	1,124.2	301.4	902.7	332.0	798.3	393.9	1,113.7	533.0	1,091.6	546.6	1,104.2	590.3
February	1,106.9	314.7	886.8	327.6	669.8	323.6	1,146.0	437.8	1,084.6	589.0	1,043.6	566.7
March	1,197.0	358.8	1,029.2	365.3	816.2	388.0	1,326.4	444.5	1,138.6	674.6	1,177.1	632.6
April	1,230.8	362.9	1,005.3	366.3	756.7	408.3	1,294.3	515.1	1,121.3	531.6	1,165.8	534.5
May	1,455.2	387.6	1,135.5	373.4	850.8	394.5	1,413.5	475.0	1,102.5	553.5	1,092.2	540.6
June	1,296.2	332.1	868.0	361.0	877.7	383.8	1,234.9	464.1	1,014.0	624.8	1,103.9	526.0
July	1,196.9	294.3	894.5	359.7	825.4	434.8	1,154.7	451.8	1,019.2	563.6	898.9	456.4
August	1,190.9	305.3	738.0	360.6	883.3	431.0	1,145.0	405.8	991.9	605.5	879.6	490.7
September	1,193.7	282.1	513.9	340.0	642.6	377.5	1,111.7	475.2	925.6	560.2	905.7	530.7
October	1,143.8	328.7	455.4	348.4	536.5	393.7	1,234.7	493.1	1,023.1	600.2	850.3	558.9
November	1,184.9	324.4	639.1	327.0	985.4	480.4	1,141.2	455.6	823.2	554.3	836.1	593.7
December	938.0	336.6	737.1	297.9	1,095.6	532.6	1,113.6	605.4	1,317.5	720.0	942.9	605.1

No. 1005.—Exports and Imports of Gold, by Months: 1944 to 1949

[In thousands of dollars]

Month	1944		1945		1946		1947		1948		1949	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
January	26,707	3,438	2,382	3,093	116	154,186	102,593	85,774	6,590	241,568	6,399	72,612
February	152,172	27,079	240	2,152	467	82,906	49,215	69,577	2,560	161,948	4,499	25,978
March	109,648	7,976	22,143	2,994	361	31,757	17,691	171,325	27,385	127,328	5,108	24,879
April	169,073	30,084	256	2,654	28,423	7,889	17,458	61,508	28,178	262,334	12,020	25,615
May	64,994	3,794	22,388	4,122	28,707	1,679	3,028	132,762	61,887	213,214	1,612	11,142
June	63,375	2,697	86,388	2,631	748	37,077	2,685	202,917	44,782	222,523	5,483	12,389
July	64,321	3,374	20,795	13,816	2,529	8,877	3,639	222,839	2,486	269,178	6,890	137,986
August	115,389	6,245	15,871	3,531	10,816	26,027	5,118	116,776	47,353	86,431	11,563	268,936
September	75,248	3,254	261	13,757	31,846	24,217	2,085	111,685	25,993	79,283	15,857	114,002
October	79,655	16,303	6,742	2,425	806	24,989	5,619	456,450	8,337	129,908	2,397	58,527
November	14,640	2,621	2,357	3,146	733	78,636	1,600	267,301	21,097	75,321	2,998	10,629
December	24,006	6,971	20,146	39,399	115,915	54,722	2,509	180,674	24,123	112,141	10,110	8,697

No. 1006.—Exports and Imports of Silver, by Months: 1944 to 1949

[In thousands of dollars]

Month	1944		1945		1946		1947		1948		1949	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
January	1,470	2,700	7,132	2,378	20,937	2,490	2,945	13,295	1,636	7,222	581	2,116
February	5,075	1,338	8,824	2,362	4,794	3,679	12,700	4,589	220	6,196	261	3,278
March	12,768	1,570	13,605	1,817	888	1,602	3,523	5,332	229	5,331	214	6,444
April	10,630	1,561	7,793	1,383	119	2,918	1,865	7,220	5,763	5,560	4,783	2,825
May	2,776	3,092	779	1,872	268	930	1,387	4,488	2,564	9,146	514	12,190
June	763	2,251	26,694	1,868	322	1,187	1,685	4,408	42	5,747	1,818	10,237
July	29,040	1,360	518	1,193	106	7,089	1,636	3,410	278	4,352	11,910	6,824
August	32,163	1,571	3,151	1,059	273	8,283	630	4,659	13	4,781	2,090	6,056
September	17,611	1,993	84	1,569	1,147	5,557	374	4,440	52	5,758	160	5,628
October	9,904	1,743	236	5,768	166	4,385	2,509	6,087	61	6,910	86	7,508
November	2,198	2,023	9,528	2,835	858	11,595	1,042	6,917	123	4,973	184	6,370
December	2,517	2,172	12,592	3,173	6,579	7,861	352	3,296	1,419	4,908	680	4,060

Source of tables 1004, 1005, and 1006: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1007.—Gold Under Earmark for Foreign Account in the United States: 1938 to 1949

[**All figures in thousands of dollars at rate of $35 a fine ounce.** Gold under earmark is gold held by Federal Reserve banks in custody for foreign central banks and governments. Minus sign (−) denotes decrease. See also *Historical Statistics*, series N 170–171]

YEAR	Increase during year of gold under earmark	MONTH	AMOUNT UNDER EARMARK AT END OF MONTH[1]					
			1944	1945	1946	1947	1948	1949
1938	333,457	January	3,505,003	3,995,330	4,306,354	3,632,326	3,633,286	3,780,349
1939	534,417	February	3,493,517	4,032,722	4,312,125	4,316,800	3,705,452	3,802,549
1940	644,669	March	3,542,235	4,079,646	4,292,396	4,113,260	3,768,827	3,819,274
1941	407,678	April	3,612,777	4,132,836	4,277,306	3,841,270	3,880,374	3,837,015
1942	458,437	May	3,705,887	4,199,693	4,249,845	3,828,213	3,883,215	3,799,240
1943	803,620	June	3,712,283	4,103,667	4,234,834	3,709,254	3,801,544	3,677,608
1944	459,762	July	3,808,910	4,204,014	4,226,838	3,682,509	3,989,955	3,697,544
1945	356,655	August	3,806,221	4,267,004	4,166,716	3,640,192	3,930,480	3,906,084
1946	−465,419	September	3,833,599	4,286,013	4,154,410	3,487,080	3,832,342	4,060,883
1947	−209,979	October	3,856,246	4,251,366	4,038,721	3,491,049	3,831,373	4,150,000
1948	159,232	November	3,890,915	4,289,567	3,911,236	3,573,835	3,731,714	4,213,939
1949	495,679	December	3,937,170	4,293,825	3,828,406	3,618,427	3,777,659	4,273,338

[1] On certain occasions during this period, figures include gold earmarked in the names of domestic banks as security for foreign loans; beginning August 1946 they include gold held for the account of international institutions.

Source: Board of Governors of the Federal Reserve System; Banking and Monetary Statistics through 1941; Federal Reserve Bulletin thereafter.

No. 1008.—Exports and Imports of Merchandise, by Economic Classes—Percent Distribution: 1821 to 1949

[Percentages based on figures shown in table 1009]

YEAR OR YEARLY AVERAGE	PERCENT OF TOTAL EXPORTS OF UNITED STATES MERCHANDISE					PERCENT OF TOTAL IMPORTS[2]				
	Crude materials	Crude foodstuffs	Manufactured foodstuffs[1]	Semimanufactures	Finished manufactures	Crude materials	Crude foodstuffs	Manufactured foodstuffs[1]	Semimanufactures	Finished manufactures
1821	60.62	4.79	19.51	9.42	5.66	4.66	11.15	19.85	7.48	56.86
1830	62.65	4.65	16.32	7.04	9.34	7.65	11.77	15.39	8.22	56.97
1840	67.83	4.09	14.27	4.34	9.47	12.36	15.54	15.46	11.56	45.09
1850	62.36	5.59	14.84	4.49	12.72	7.24	10.38	12.37	15.08	54.93
1851–1860	61.67	6.61	15.39	4.01	12.32	9.63	11.70	15.43	12.50	50.74
1861–1870	38.80	15.59	24.09	5.19	16.34	12.63	13.64	18.98	13.77	40.98
1871–1880	38.59	19.70	21.99	4.61	15.10	17.24	15.98	20.72	13.05	33.01
1881–1890	35.96	17.99	25.26	5.15	15.65	21.36	15.35	17.77	14.78	30.74
1891–1900	29.89	18.06	25.62	7.98	18.45	26.45	16.92	16.96	13.87	25.80
1901–1910	30.98	10.55	20.14	12.77	25.57	34.07	11.80	12.04	17.32	24.77
1911–1915	30.74	8.83	14.32	15.41	30.70	34.91	12.80	12.56	17.37	22.36
1915–1920[3]	18.22	9.16	17.66	15.39	39.58	40.13	12.15	16.21	17.10	14.40
1921–1925	27.54	9.74	13.93	12.45	36.33	37.40	11.09	12.99	17.66	20.86
1926–1930	24.40	6.40	9.72	14.14	45.35	36.80	12.56	9.88	18.89	21.88
1931–1935	30.23	3.85	8.83	14.51	42.57	28.91	15.61	13.73	18.72	23.03
1936–1940	19.05	3.77	5.53	19.30	52.36	33.08	13.10	14.16	20.94	18.72
1941–1945	5.78	1.67	11.64	9.39	71.54	33.01	16.36	11.51	21.15	17.97
1940	11.79	1.88	4.24	22.88	59.21	39.79	11.22	10.92	21.99	16.09
1941	7.21	1.66	8.34	15.37	67.43	42.72	11.68	10.00	22.48	13.13
1942	5.22	.84	11.55	11.47	70.89	38.15	12.54	9.87	23.00	16.44
1943	5.15	.84	12.08	8.48	73.45	30.60	17.23	12.42	19.98	19.76
1944	3.91	.94	11.52	7.74	75.87	27.73	21.64	13.40	18.17	19.05
1945	9.08	4.51	13.00	8.13	65.28	28.87	16.92	11.26	22.65	20.30
1946	14.90	6.82	16.02	9.42	52.83	35.84	16.88	10.44	19.29	17.55
1947	11.08	5.96	10.41	12.17	60.39	31.17	17.94	11.57	21.97	17.34
1948	11.88	10.10	10.48	10.94	56.60	30.27	17.93	10.31	23.03	18.46
1949	14.98	11.28	7.45	11.39	54.90	28.12	20.21	11.24	21.55	18.89

[1] Includes beverages.
[2] "General imports" through 1932, "imports for consumption" thereafter.
[3] Period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1009.—Exports of U. S. Merchandise, and Imports, by Economic Classes: 1821 to 1949

[**In thousands of dollars.** For basis of dollar values, see general note, p. 827. Figures cover fiscal years ending Sept. 30, 1821 to 1840, and June 30, 1850 to 1915; calendar years thereafter, except as noted. For articles covered by each class, see *Foreign Commerce and Navigation of the United States.* See also *Historical Statistics*, series M 56–67]

YEARLY AVERAGE OR YEAR	Total	Crude materials	Crude foodstuffs	Manufactured foodstuffs [1]	Semi-manufactures	Finished manufactures
	EXPORTS OF UNITED STATES MERCHANDISE					
1821	51,684	31,332	2,475	10,085	4,867	2,925
1830	58,525	36,665	2,724	9,557	4,118	5,462
1840	111,661	75,735	4,565	15,936	4,841	10,584
1850	134,900	84,124	7,536	20,017	6,061	17,162
1851–1860	232,149	143,156	15,337	35,734	9,317	28,605
1861–1870	238,947	105,643	32,764	50,446	12,047	38,048
1871–1880	574,889	216,219	117,030	128,599	26,428	86,614
1881–1890	750,146	269,174	135,711	189,489	38,534	117,239
1891–1900	1,006,183	295,876	182,812	255,670	82,422	189,404
1901–1910	1,589,000	493,391	164,900	316,800	205,170	408,740
1911–1915	2,331,648	716,637	205,939	333,971	359,239	715,861
1915–1920 [2]	6,416,513	1,168,995	587,588	1,133,226	987,185	2,539,520
1921–1925	4,310,221	1,187,056	420,002	600,710	536,793	1,565,660
1926–1930	4,687,788	1,143,762	299,794	455,814	662,688	2,125,730
1931–1935	1,988,914	601,344	76,528	175,686	288,622	846,734
1936–1940	3,166,518	603,209	119,282	174,998	610,984	1,658,045
1941–1945	9,922,152	573,224	165,301	1,154,443	931,461	7,098,070
1940	3,934,181	463,678	74,018	166,871	900,022	2,329,590
1941	5,019,877	361,741	83,578	418,457	771,442	3,384,659
1942	8,003,113	418,013	67,838	924,699	920,275	5,672,288
1943	12,841,542	661,782	109,067	1,550,738	1,089,400	9,430,557
1944	14,161,544	553,962	133,826	1,632,605	1,096,674	10,744,477
1945	9,584,684	870,623	432,147	1,245,727	779,515	6,256,672
1946	9,500,184	1,415,808	648,103	1,522,400	895,125	5,018,748
1947	14,252,285	1,578,541	848,887	1,483,157	1,734,329	8,607,371
1948	12,532,093	1,488,449	1,265,820	1,313,704	1,370,393	7,093,726
1949	11,885,196	1,780,303	1,340,527	885,771	1,354,073	6,524,521
	IMPORTS [3]					
1821	54,521	2,540	6,081	10,821	4,079	30,999
1830	62,721	4,797	7,382	9,654	5,152	35,735
1840	98,259	12,140	15,274	15,189	11,356	44,300
1850	173,510	12,556	18,012	21,466	26,163	95,313
1851–1860	284,475	27,394	33,286	43,904	35,559	144,332
1861–1870	331,867	41,939	45,261	62,997	45,688	135,982
1871–1880	535,222	92,268	85,532	110,913	69,839	176,671
1881–1890	692,187	147,852	106,253	122,978	102,335	212,769
1891–1900	763,328	201,870	129,177	129,425	105,919	196,938
1901–1910	1,158,500	394,659	136,675	139,438	200,693	287,036
1911–1915	1,712,319	597,701	219,035	215,144	297,476	382,963
1915–1920 [2]	3,358,354	1,347,667	408,152	544,549	574,421	483,566
1921–1925	3,450,103	1,290,375	382,539	448,089	609,225	719,875
1926–1930	4,033,469	1,484,123	506,616	398,310	762,034	882,385
1931–1935	1,704,267	492,638	265,985	233,963	319,123	392,558
1936–1940	2,440,042	807,235	319,603	345,523	510,950	456,731
1941–1945	3,475,593	1,147,159	568,713	400,069	735,153	624,499
1940	2,540,656	1,010,841	285,066	277,444	558,606	408,699
1941	3,221,954	1,376,440	376,179	322,058	724,226	423,051
1942	2,780,317	1,060,713	348,576	274,507	639,506	457,015
1943	3,390,101	1,037,386	584,227	421,157	677,505	669,826
1944	3,887,490	1,078,173	841,348	520,979	706,235	740,755
1945	4,098,101	1,183,081	693,235	461,644	928,291	831,850
1946	4,824,902	1,729,074	814,403	503,946	930,600	846,879
1947	5,666,321	1,766,160	1,016,775	655,698	1,244,908	982,781
1948	7,092,032	2,147,007	1,271,611	731,173	1,633,140	1,309,101
1949	6,598,058	1,855,145	1,333,201	741,633	1,421,974	1,246,105

[1] Includes beverages. [2] Period July 1, 1915, to Dec. 31, 1920.
[3] "General imports" through 1932, "imports for consumption" thereafter.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1010.—Exports of U. S. Merchandise and Imports—Indexes of Changes in Quantity, Unit Value (Price), and Total Value: 1913 to 1949

[Quantity and unit value indexes have been constructed by so-called "ideal formula," essential feature of which is use of quantities of several articles as weighting factors of their unit values for each pair of years compared. About 265 commodities were included in direct calculations for both exports and imports. It was then assumed that prices of articles in each economic class not directly covered had moved in parallel with those of articles covered and their value, adjusted by computed price index, was included in aggregative totals from which quantity index for each class was calculated. Index of quantity and unit value of total exports and imports was based on aggregate of adjusted totals of classes. In constructing indexes, data for 1919 were linked directly to 1913, and each subsequent year was compared with that preceding. Resulting year-to-year percentages were made into a series by chain method]

[1923–25 average=100]

Yearly average or year	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value	Quantity	Unit value	Value
	EXPORTS OF UNITED STATES MERCHANDISE											
	Total			Crude materials			Crude foodstuffs			Manufactured foodstuffs [1]		
1913	84	65	55	123	47	59	81	65	53	73	76	56
1921–1925	97	99	96	99	91	90	134	97	130	105	99	104
1926–1930	122	86	105	123	70	87	101	92	93	81	97	79
1931–1935	76	59	45	105	43	46	46	52	24	49	62	30
1936–1940	106	67	71	90	50	45	69	54	37	43	70	30
1941–1945	229	97	222	63	69	43	59	86	51	182	110	200
1941	154	73	112	47	56	27	44	59	26	93	77	73
1942	201	89	179	48	65	32	30	71	21	150	106	160
1943	293	98	287	69	72	50	38	89	34	236	113	269
1944	283	112	317	55	75	42	41	101	41	219	128	283
1945	192	112	215	87	76	66	122	110	134	170	126	216
1946	201	106	213	125	86	107	167	121	201	201	130	264
1947	252	126	319	119	100	120	190	139	263	159	161	257
1948	208	134	280	99	114	113	274	143	392	139	164	228
1949	214	124	266	124	108	135	330	126	415	118	131	154
	EXPORTS OF U. S. MERCHANDISE—continued						IMPORTS [2]					
	Semimanufactures			Finished manufactures			Total			Crude materials		
1913	91	72	65	65	73	48	66	70	46	58	72	42
1921–1925	88	100	88	90	107	96	94	94	89	97	90	88
1926–1930	114	95	108	143	91	130	116	90	104	116	87	101
1931–1935	72	65	47	81	64	52	92	48	45	92	36	33
1936–1940	127	80	101	148	68	101	113	56	64	107	51	55
1941–1945	153	100	152	424	102	434	117	77	91	110	71	78
1941	140	91	127	274	75	207	134	63	84	161	58	94
1942	152	98	150	374	93	347	100	73	73	110	66	72
1943	175	102	178	558	103	576	112	79	88	97	73	71
1944	171	105	179	545	121	657	120	85	102	95	77	73
1945	124	103	128	318	120	382	122	87	107	100	80	80
1946	137	107	146	293	105	307	130	97	126	145	81	117
1947	206	138	283	428	123	526	124	119	148	134	90	120
1948	150	149	223	334	130	433	141	132	185	144	101	146
1949	156	141	221	327	122	399	137	125	172	129	97	126
	IMPORTS [2]—continued											
	Crude foodstuffs			Manufactured foodstuffs [1]			Semimanufactures			Finished manufactures		
1913	67	77	52	74	54	40	64	75	48	84	64	54
1921–1925	98	91	89	96	94	91	87	98	86	93	100	93
1926–1930	109	109	118	119	68	80	112	96	107	123	93	114
1931–1935	110	56	62	112	44	49	73	62	45	89	58	51
1936–1940	133	56	75	149	49	73	101	72	72	102	59	60
1941–1945	152	88	133	127	67	85	115	90	104	98	84	82
1941	141	62	88	140	49	68	128	80	103	81	69	56
1942	98	83	82	89	65	58	102	88	91	79	76	60
1943	151	90	137	127	71	89	104	92	96	104	84	88
1944	197	100	197	154	72	111	106	95	100	105	93	97
1945	157	103	162	129	76	98	137	96	131	113	96	109
1946	147	130	191	123	87	107	123	107	132	100	111	111
1947	130	183	238	130	107	139	130	136	176	93	139	129
1948	147	202	298	142	109	155	149	155	231	114	151	172
1949	162	193	312	150	105	157	141	143	201	112	147	164

[1] Includes beverages.

[2] Based on "general imports" through 1933; on "imports for consumption" thereafter. 1949 figures are preliminary.

Source: Department of Commerce, Office of International Trade.

No. 1011.—Exports of United States Merchandise, by Commodity Groups: 1936 to 1949

[In thousands of dollars. See general note, p. 827]

COMMODITY	1936–1940, average	1941–1945, average	1945	1946	1947	1948	1949
Total exports of domestic merchandise	3,166,518	9,922,152	9,584,684	9,500,184	14,252,285	12,532,093	11,885,196
Group 00.—Animals and animal products, edible, total	67,355	898,205	853,426	935,165	623,420	413,166	380,859
Animals, edible	492	1,965	4,797	9,078	4,192	3,832	3,511
Meat products	26,409	379,553	289,540	341,413	129,300	56,753	51,521
Animal oils and fats, edible[1]	17,141	106,747	100,464	92,788	96,959	72,052	92,791
Dairy products	7,879	181,987	236,221	296,105	239,556	210,004	174,163
Fish	14,097	31,086	30,903	38,448	50,319	21,020	29,212
Other edible animal products	1,337	196,865	191,501	157,332	103,095	49,505	29,661
Group 0.—Animals and animal products, inedible, total	46,398	67,244	102,565	170,822	178,333	128,192	156,881
Hides and skins, raw, except furs	4,509	1,124	1,412	11,814	22,588	11,582	21,068
Leather	14,418	20,497	19,547	24,228	33,373	20,462	28,286
Leather manufactures	8,372	27,270	43,455	60,190	41,534	39,140	28,035
Furs and manufactures	14,763	10,976	26,554	48,272	48,805	30,586	25,902
Animal oils and greases, inedible	1,346	3,489	4,865	2,981	15,995	18,763	45,294
Other inedible animals and animal products	2,991	3,888	6,732	23,337	16,038	7,659	8,297
Group 1.—Vegetable food products and beverages, total	226,272	417,609	819,998	1,229,920	1,702,063	2,159,189	1,838,472
Grains and preparations	104,622	174,020	444,247	788,839	1,242,531	1,704,657	1,455,963
Fodders and feeds	9,736	4,124	10,801	5,228	27,075	14,434	33,388
Vegetables and preparations	15,304	83,002	154,402	143,120	122,790	155,679	87,753
Fruits and nuts	76,111	87,718	128,442	171,459	199,096	194,404	139,711
Vegetable oils and fats, edible[1]	3,342	14,038	15,492	18,334	18,652	24,061	60,857
Cocoa and coffee	2,749	1,686	2,156	10,539	9,217	10,020	8,844
Spices	243	675	811	1,825	1,908	1,042	598
Sugar and related products	10,444	31,272	34,894	58,413	45,768	28,177	18,739
Beverages	3,720	21,075	28,752	32,162	35,025	26,715	32,619
Group 2.—Vegetable products, inedible, except fibers and wood, total	194,282	355,081	500,143	711,929	709,586	561,552	625,251
Rubber and manufactures	33,293	118,585	154,862	181,367	214,516	132,402	114,429
Naval stores, gums, and resins	16,117	13,778	12,964	27,288	47,763	30,494	32,044
Drugs, herbs, leaves, and roots, crude	1,798	1,662	2,252	5,457	4,349	2,671	2,729
Oilseeds	3,998	5,604	19,646	10,289	7,439	32,777	80,721
Vegetable oils	4,693	30,618	14,116	22,179	47,165	37,336	53,508
Vegetable dyeing and tanning extracts	1,800	1,406	1,200	2,508	2,230	1,158	764
Seeds except oilseeds	2,463	13,034	16,246	23,709	19,243	12,987	12,014
Nursery and greenhouse stock	433	447	881	1,196	1,431	1,105	925
Tobacco and manufactures	123,099	153,557	257,620	413,654	332,740	286,919	308,614
Miscellaneous vegetable products	6,590	16,390	20,358	24,283	32,710	23,703	19,503
Group 3.—Textiles, total	386,213	523,510	770,651	1,283,240	1,807,509	1,359,141	1,547,011
Cotton, unmanufactured	282,940	151,727	278,678	538,155	423,241	511,005	874,216
Cotton semimanufactures	13,199	14,586	13,830	20,562	103,644	43,749	41,162
Cotton manufactures	47,710	170,752	222,094	354,680	748,848	454,971	324,917
Jute and manufactures	1,988	3,909	6,315	6,241	10,881	9,385	5,473
Flax, hemp, and ramie, and manufactures	527	1,219	2,950	9,491	3,055	5,811	4,940
Other vegetable fibers and manufactures	1,162	2,683	2,614	894	5,593	938	1,646
Wool, mohair, and Angora rabbit hair, unmanufactured	149	5,500	14,850	7,349	4,533	513	11,747
Wool semimanufactures	2,009	5,748	6,727	11,235	25,188	10,895	13,429
Wool manufactures	2,810	72,775	108,231	108,105	62,972	33,925	17,936
Hair and manufactures	2,156	1,646	2,273	3,844	5,406	3,902	5,196
Silk manufactures	6,838	1,702	250	2,330	7,274	1,428	1,720
Rayon and other synthetic textiles	12,397	49,238	71,212	141,329	307,719	230,744	204,749
Miscellaneous textile products	12,327	42,026	40,628	79,025	99,156	51,876	39,881

[1] Oleomargarine included with "Vegetable oils and fats, edible" in 1949, and with "Animal oils and fats, edible" in prior years.

No. 1011.—Exports of United States Merchandise, by Commodity Groups: 1936 to 1949—Continued

[In thousands of dollars]

COMMODITY	1936–1940, average	1941–1945, average	1945	1946	1947	1948	1949
Group 4.—Wood and paper, total	118,374	161,836	195,222	211,080	373,801	248,247	214,481
Wood, unmanufactured	4,898	2,423	2,071	5,681	7,740	6,368	7,430
Wood semimanufactures—sawmill products	43,162	29,752	34,402	50,364	120,589	64,027	59,879
Wood manufactures	16,211	36,039	54,637	36,323	68,266	35,518	31,065
Cork manufactures	935	1,871	2,208	2,464	3,646	3,761	4,107
Paper base stocks	17,668	19,582	10,896	8,755	29,885	19,310	18,380
Paper and manufactures	35,500	72,168	91,007	107,494	143,676	119,263	93,620
Group 5.—Nonmetallic minerals, total	466,369	848,002	1,091,734	935,191	1,528,028	1,368,419	1,081,540
Coal and related fuels	66,745	164,497	198,258	315,735	632,448	492,275	307,940
Petroleum and products	345,619	572,845	753,084	435,759	641,395	657,047	561,407
Stone, cement, and lime	2,528	8,724	16,539	15,001	24,670	23,834	18,566
Glass and glass products	10,310	27,265	36,195	54,685	79,657	58,648	51,544
Clays and clay products	9,449	19,550	22,406	30,387	44,742	46,105	47,977
Other nonmetallic minerals, including precious	31,718	55,122	65,253	83,623	105,116	90,519	94,106
Group 6.—Metals and manufactures, except machinery and vehicles, total	476,637	884,491	696,335	727,481	1,363,898	1,124,407	1,123,446
Iron ore	3,232	7,259	6,688	5,491	10,014	13,745	14,654
Iron and steel semimanufactures	196,955	324,347	230,621	234,952	434,461	315,400	352,286
Steel-mill products—manufactures	72,617	218,736	226,825	212,168	390,003	334,056	379,850
Iron and steel, advanced manufactures	50,304	116,442	114,932	155,839	265,833	211,548	183,382
Ferro-alloys, ores, and metals, n. e. s.	13,392	6,719	3,701	2,723	6,190	10,323	5,040
Nonferrous metals, except precious	137,421	209,114	110,968	112,323	252,170	234,484	182,910
Precious metals and plated ware, except jewelry, and gold and silver in ore, bullion, and coin	2,717	1,873	2,600	3,985	5,227	4,850	5,323
Group 7.—Machinery and vehicles, total	912,154	4,274,262	3,437,893	2,223,810	4,456,358	3,685,270	3,516,848
Electrical machinery and apparatus	165,605	257,992	293,857	299,947	562,188	491,212	470,208
Industrial machinery	281,897	675,193	706,066	847,328	1,336,799	1,254,162	1,319,894
Office appliances	29,370	17,086	22,142	50,463	101,758	86,938	84,026
Printing machinery	9,816	4,465	5,542	12,607	33,133	44,790	44,866
Agricultural machinery and implements [2]	68,027	118,232	163,353	46,366	95,563	113,916	128,405
Automobiles and other vehicles [2]	417,439	3,201,294	2,246,932	967,099	2,326,917	1,694,251	1,469,450
Group 8.—Chemicals and related products, total	153,099	399,956	413,434	500,133	782,939	779,795	774,066
Coal-tar products	16,297	32,604	35,218	63,260	120,772	101,022	84,384
Medicinal and pharmaceutical preparations	20,208	75,709	115,654	144,643	176,735	193,156	198,205
Chemical specialties	29,182	66,669	78,456	95,416	152,543	153,781	[3] 186,325
Industrial chemicals	32,888	97,405	90,225	82,283	160,862	139,557	117,165
Pigments, paints, and varnishes	20,638	25,276	30,749	50,556	85,507	80,170	76,359
Fertilizers and fertilizer materials	17,676	17,489	18,213	22,374	35,609	77,687	92,163
Explosives, fuses, etc	7,203	69,063	16,430	4,751	9,598	8,499	[4]
Soap and toilet preparations	9,007	15,739	28,490	36,849	41,314	25,922	19,465
Group 9.—Miscellaneous, total	119,365	1,091,959	703,283	571,411	726,349	704,703	626,340
Photographic and projection goods	19,617	22,361	26,999	42,762	68,615	59,588	53,744
Scientific and professional instruments, apparatus, and supplies	12,648	107,760	134,204	63,678	89,296	71,139	60,690
Musical instruments	2,582	2,988	3,425	11,941	19,651	14,022	13,544
Miscellaneous office supplies	6,668	11,413	16,859	45,887	61,602	35,800	23,178
Toys, athletic and sporting goods	4,906	3,707	5,137	16,968	22,825	18,183	13,734
Firearms and ammunition	17,500	751,909	243,161	11,204	17,689	57,130	[5] 4,240
Books, maps, pictures, and other printed matter	21,794	32,712	48,866	69,128	73,638	67,108	57,966
Clocks and watches	2,828	3,982	3,128	6,519	12,851	11,660	12,084
Art works—painting and statuary	1,025	1,002	1,805	2,973	2,656	1,791	1,218
Jewelry	2,775	5,621	10,541	27,775	25,322	16,310	25,060
Miscellaneous, n. e. s.	27,020	148,504	209,157	272,576	332,200	351,972	[6] 360,880

[1] Beginning 1946, tractors, parts and accessories included with "Automobiles and other vehicles"; with "Agricultural machinery and implements" in prior years.

[2] Includes explosives, fuses, and blasting caps.

[3] Includes only sporting rifles, shotguns, fireworks, and pyrotechnics. See note 6.

[4] Not reported separately.

[5] Includes firearms (except sporting rifles and shotguns) and ordnance equipment reported under "Firearms and ammunition" in prior years.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1012.—Imports of Merchandise, by Commodity Groups: 1936 to 1949

[**In thousands of dollars.** Represents imports for consumption. See general note, p. 827]

COMMODITY	1936–1940, average	1941–1945, average	1945	1946	1947	1948	1949
Total imports of merchandise	**2,440,042**	**3,475,593**	**4,098,101**	**4,824,902**	**5,666,321**	**7,092,032**	**6,598,058**
Group 00.—Animals and animal products, edible, total	**90,761**	**103,985**	**136,666**	**150,728**	**127,103**	**295,194**	**269,459**
Animals, edible	15,535	21,225	23,095	28,081	11,052	73,851	60,389
Meat products	28,064	28,823	29,095	16,362	22,859	90,464	71,816
Animal oils and fats, edible	661	791	199	8	36	170	111
Dairy products	13,013	4,757	3,805	11,402	6,447	13,469	17,561
Fish	30,819	46,030	76,261	89,728	82,978	111,039	112,447
Other edible animal products	2,670	2,358	4,210	5,148	3,732	6,201	7,136
Group 0.—Animals and animal products, inedible, total	**169,882**	**236,821**	**272,136**	**456,333**	**310,947**	**393,460**	**277,702**
Hides and skins, raw (except furs)	50,591	67,789	49,954	77,471	85,839	107,765	72,587
Leather	8,748	14,355	22,967	37,137	18,327	18,706	13,553
Leather manufactures	7,644	9,361	17,853	33,116	11,558	10,125	9,057
Furs and manufactures	69,781	107,797	144,148	238,378	125,889	164,548	108,960
Animal oils, fats, and greases, inedible	6,512	9,820	7,026	6,563	7,126	14,321	7,307
Other animals and animal products, inedible	26,606	27,699	30,188	63,668	62,209	77,995	66,237
Group 1.—Vegetable food products and beverages, total	**574,365**	**864,797**	**1,018,213**	**1,167,620**	**1,545,370**	**1,707,589**	**1,805,375**
Grains and preparations	44,342	112,286	79,353	24,839	6,471	28,873	75,311
Fodders and feeds	11,318	16,397	20,271	26,479	12,617	18,892	24,047
Vegetables and preparations	19,413	29,678	42,932	51,957	52,666	60,237	52,417
Fruits and nuts	59,902	63,291	109,815	143,281	136,053	161,324	146,839
Vegetable oils and fats, edible	17,503	8,427	15,622	8,461	7,949	19,796	8,957
Cocoa, coffee, and tea	191,568	331,852	424,342	565,128	783,815	939,722	970,103
Spices	12,501	15,689	19,844	27,987	35,794	30,871	37,876
Sugar and related products	152,536	211,915	235,863	223,409	442,112	360,301	397,269
Beverages	65,282	75,262	70,171	96,078	67,893	87,574	92,556
Group 2.—Vegetable products, inedible, except fibers and wood, total	**393,850**	**369,791**	**378,920**	**601,063**	**797,535**	**780,891**	**605,712**
Rubber and manufactures	211,308	165,642	128,456	242,897	325,778	320,609	251,328
Gums, resins, and balsams, n. e. s.	12,758	25,118	27,197	50,625	43,356	39,928	28,568
Drugs, herbs, leaves, roots, etc.	10,398	17,050	25,436	32,409	29,158	29,925	25,979
Oilseeds	40,086	40,564	34,748	52,634	139,280	150,782	95,178
Vegetable oils	60,773	45,662	49,087	87,298	122,394	93,470	74,001
Dyeing and tanning materials, n. e. s.	6,790	11,852	14,730	16,668	20,491	26,623	16,582
Seeds, except oilseeds	5,512	3,932	6,728	7,873	6,678	18,830	19,735
Nursery and greenhouse stock	3,255	1,602	4,519	9,777	8,938	8,885	9,162
Tobacco and manufactures	37,706	54,223	82,474	89,626	93,054	80,118	75,505
Miscellaneous vegetable products	5,263	4,146	5,544	11,258	8,409	11,720	9,674
Group 3.—Textiles, total	**382,072**	**461,117**	**499,927**	**762,397**	**639,581**	**863,009**	**689,253**
Cotton, unmanufactured	11,425	20,208	28,666	50,018	48,260	42,014	22,846
Cotton semimanufactures	3,404	2,740	4,051	9,063	7,037	7,428	6,687
Cotton manufactures	38,735	16,202	33,817	35,440	23,992	45,372	43,169
Jute and manufactures	47,056	63,255	74,343	95,294	132,876	171,434	141,995
Flax, hemp, and ramie, and manufactures	27,450	12,556	9,003	33,619	25,787	33,863	33,698
Other vegetable fiber and manufactures	25,993	41,764	50,574	46,013	81,985	76,704	73,740
Wool, including mohair, etc., unmanufactured	61,291	247,905	241,300	289,409	208,942	307,673	222,223
Wool semimanufactures	6,405	6,496	5,682	9,519	6,357	24,256	28,162
Wool manufactures	19,601	16,067	18,853	31,594	33,151	54,831	46,803
Hair and manufactures, n. e. s.	4,117	8,200	10,216	11,663	9,230	10,577	8,508
Silk, unmanufactured	109,947	13,021	2,046	102,587	16,078	15,900	7,527
Silk manufactures	8,250	2,228	2,668	7,407	12,981	24,393	24,883
Manufactures of rayon or other synthetic textiles	7,815	2,186	5,380	19,707	16,900	29,720	9,206
Miscellaneous textile products	10,584	8,287	13,327	21,066	16,006	18,844	19,805

No. 1012.—Imports of Merchandise, by Commodity Groups: 1936 to 1949—Continued

[In thousands of dollars]

COMMODITY	1936–1940, average	1941–1945, average	1945	1946	1947	1948	1949
Group 4.—Wood and paper, total	261,779	327,821	394,211	554,713	831,116	987,435	841,919
Wood, unmanufactured	7,903	11,182	13,738	18,604	22,268	29,379	19,397
Wood semimanufactures—sawmill products	19,328	50,280	57,289	78,374	101,587	152,078	113,164
Wood manufactures	11,371	11,569	13,114	22,030	33,670	38,210	33,517
Cork and manufactures	5,872	9,023	12,044	16,511	16,865	14,259	10,295
Paper base stocks	93,395	101,123	140,484	165,533	203,557	315,729	212,897
Paper and manufactures	123,911	144,645	157,542	253,661	363,169	437,779	452,650
Group 5.—Nonmetallic minerals, total	137,176	246,052	336,870	428,146	458,602	679,648	694,078
Coal and related fuels	4,844	4,297	3,026	2,942	2,467	4,224	6,468
Petroleum and products	47,654	93,981	151,959	159,373	250,400	415,669	477,706
Stone, cement, lime, and gypsum	3,564	9,547	7,535	6,410	7,053	10,465	7,174
Glass and glass products	6,102	1,084	1,263	4,091	5,567	6,440	7,368
Clays and clay products	9,515	6,175	7,610	9,783	13,562	20,838	23,787
Other nonmetallic minerals	21,466	46,834	38,478	41,908	55,933	72,873	69,800
Precious stones and imitations	44,034	84,133	127,000	203,639	123,619	149,140	101,775
Group 6.—Metals and manufactures, except machinery and vehicles, total	242,551	519,481	597,188	387,775	595,394	875,221	963,192
Iron ore and concentrates	5,697	3,088	4,114	10,371	22,073	27,330	36,791
Iron and steel semimanufactures	4,840	1,764	2,402	2,313	4,143	30,299	48,112
Steel-mill products—manufactures	10,807	5,811	7,927	4,624	4,951	12,262	17,968
Iron and steel, advanced manufactures	2,882	3,178	3,099	3,912	4,729	5,370	5,724
Ferro-alloys	25,513	64,793	60,479	58,665	66,606	86,898	76,529
Nonferrous metals, except precious	183,770	427,085	499,576	285,641	475,407	691,295	759,739
Precious metals, jewelry, and plated ware, except gold and silver in ore, bullion, and coin	9,042	13,762	19,592	22,248	17,487	21,766	18,330
Group 7.—Machinery and vehicles, total	17,532	83,125	121,525	44,253	67,058	153,775	135,131
Electrical machinery and apparatus	2,075	14,438	5,577	3,480	3,408	5,325	4,322
Industrial, office and printing machinery	9,074	9,999	11,592	11,520	15,552	21,355	26,728
Agricultural machinery and implements	4,519	6,051	10,446	17,257	35,046	81,002	82,993
Automobiles and other vehicles, except agricultural	1,864	52,638	93,910	11,996	13,052	46,093	21,087
Group 8.—Chemicals and related products, total	79,662	130,741	144,608	99,615	105,246	111,449	106,764
Coal-tar chemicals	15,501	9,719	11,877	6,248	11,514	18,169	13,181
Medicinal and pharmaceutical preparations	4,847	7,920	10,189	8,416	7,560	6,242	5,918
Industrial chemicals	19,036	28,835	37,773	38,139	34,501	22,633	18,259
Pigments, paints, and varnishes	1,605	780	1,054	1,333	1,553	2,044	1,424
Fertilizers and materials	35,250	31,688	41,327	35,330	43,449	56,180	62,685
Explosives	621	49,401	37,795	1,922	1,935	2,617	1,740
Soap and toilet preparations	2,801	2,398	4,593	8,227	4,733	3,565	3,557
Group 9.—Miscellaneous, total	90,412	131,861	197,837	172,258	188,370	244,361	209,474
Photographic goods	6,601	1,433	1,744	2,100	4,569	7,817	7,062
Scientific and professional instruments, apparatus, and supplies, n. e. s.	2,047	1,523	1,209	950	1,186	2,970	4,709
Musical instruments	3,795	1,211	2,007	6,832	7,690	9,842	9,730
Toys, athletic and sporting goods	2,964	800	1,543	2,872	2,923	4,901	5,584
Firearms	294	13,080	12,411	430	968	1,947	1,597
Books and other printed matter	8,388	5,394	8,654	11,783	12,727	13,694	13,724
Clocks, watches, etc	10,275	38,652	59,816	64,828	53,980	60,039	50,766
Art works	19,224	3,678	5,391	18,591	15,552	17,951	19,725
Miscellaneous articles, n. e. s	36,824	66,090	105,062	63,872	88,775	125,201	96,577

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1013.—Exports of United States Merchandise—Value of Selected Articles: 1821 to 1949

[In thousands of dollars. For basis of dollar values, except export figures for 1870–78, see general note, p. 827. Export figures for those years are mixed gold and currency values. Figures are for fiscal years ending Sept. 30 through 1840, and June 30, 1850 through 1915; calendar years thereafter. In some cases blanks represent entire absence of trade; in other cases the item is not available separately]

YEAR OR YEARLY AVERAGE	Meat products	Animal fats and oils [1]	Leather	Rye	Wheat and wheat flour	Oil cake and oil-cake meal	Fruits and nuts [2]	Rubber and manufactures [3]	Naval stores, gums, and resins	Tobacco, unmanufactured
1821					4,476				315	5,649
1830					6,132		24		356	5,586
1840					11,779		55		666	9,884
1850					7,742		25		1,372	9,951
1860	8,080	6,200	693		19,525	1,609	206	241	3,886	15,907
1870	11,630	9,909	111	217	68,341	3,419	543	186	3,277	21,100
1871–1880	50,299	30,635	5,521	1,452	108,067	4,732	1,485	237	4,852	24,028
1881–1890	64,539	36,330	8,271	1,283	131,966	6,847	3,309	709	6,187	21,246
1891–1900	91,521	52,251	15,317	3,323	147,694	10,433	6,235	1,865	8,735	24,083
1901–1910	102,256	79,130	27,627	1,150	124,399	21,471	15,655	6,218	16,668	31,539
1911–1915	81,315	83,806	44,656	3,613	172,788	25,570	31,865	13,362	21,852	46,064
1915–1920 [4]	401,251	166,868	110,215	52,009	512,963	21,978	61,501	46,430	20,417	139,509
1921–1925	139,833	144,085	44,287	39,475	321,864	24,695	82,869	39,003	22,379	164,596
1926–1930	77,988	116,071	47,481	14,767	230,647	24,392	122,234	67,366	30,353	144,549
1931–1935	28,724	36,987	17,120	139	39,237	7,613	84,798	22,961	14,722	103,742
1936–1940	26,409	18,183	14,418	1,392	55,708	8,188	76,111	33,293	16,117	109,798
1941–1945	379,553	109,169	20,497	1,580	104,941	908	87,718	118,585	13,778	137,720
1941	99,223	41,201	18,007	14	35,383	992	52,399	54,550	15,214	65,299
1942	357,554	94,887	20,477	35	27,635	1,147	51,213	64,464	12,838	67,806
1943	616,606	144,061	24,246	136	55,837	791	80,346	133,938	13,658	170,251
1944	534,842	162,866	20,206	77	75,997	872	126,190	185,111	14,215	146,440
1945	289,540	102,832	19,547	7,639	329,852	739	128,442	154,862	12,964	238,802
1946	341,413	95,327	24,228	6,840	609,696	177	171,459	181,367	27,288	351,224
1947	129,300	111,445	33,373	5,454	868,078	14,992	199,096	214,516	47,763	270,687
1948	56,753	88,978	20,462	2,934	1,392,663	7,044	194,404	132,402	30,494	214,527
1949	51,521	134,396	28,286	15,841	1,000,786	24,503	139,711	114,429	32,044	251,946

YEAR OR YEARLY AVERAGE	Cotton, unmanufactured	Cotton manufactures [5]	Sawmill products	Other wood manufactures	Coal and coke	Petroleum and products	Iron and steel-mill products	Copper and manufactures	Machinery, all classes	Automobiles including engines and parts
1821	20,157		1,513					27		
1830	29,675	1,318	1,650	426				37		
1840	63,870	3,550	2,072	921				87		
1850	71,985	4,734	2,545	2,279	167			105		
1860	191,807	10,935	3,714	6,318	741			1,664		
1870	227,028	3,787	4,921	7,625	1,306	32,669	539	1,042	5,783	
1871–1880	194,577	6,622	7,341	8,470	2,506	40,361	1,150	1,657	8,365	
1881–1890	221,689	12,558	12,549	9,134	4,912	49,452	1,622	5,630	13,607	
1891–1900	225,819	16,924	18,856	11,509	12,095	59,055	11,840	25,569	36,093	
1901–1910	386,513	33,237	43,397	18,448	32,491	93,032	43,528	73,638	95,971	[6] 6,292
1911–1915	537,044	52,525	62,458	23,608	58,648	137,466	96,313	123,655	158,897	35,805
1915–1920 [4]	768,361	214,697	63,213	33,973	151,590	349,316	491,191	208,909	354,216	157,775
1921–1925	804,985	133,052	88,233	27,690	131,112	406,267	166,776	129,761	320,048	177,164
1926–1930	765,674	124,079	104,580	32,848	121,800	525,265	170,666	149,999	488,042	406,164
1931–1935	366,539	45,423	38,573	12,622	51,678	232,081	62,931	39,920	212,499	146,503
1936–1940	282,940	60,909	43,162	16,211	66,745	345,619	269,571	87,680	494,612	273,114
1941–1945	151,727	185,337	29,752	36,039	164,497	572,845	543,083	79,333	1,072,968	456,273
1941	82,562	134,946	30,095	21,232	119,381	284,653	501,100	47,690	739,928	338,681
1942	98,599	131,282	26,630	23,509	151,573	350,122	591,501	82,348	762,551	432,851
1943	184,244	192,128	26,355	38,139	171,731	516,760	614,606	108,719	1,193,867	278,620
1944	114,550	232,407	31,280	42,678	181,540	959,606	550,763	102,697	1,477,532	643,344
1945	278,678	235,924	34,402	54,637	198,258	753,084	457,446	55,212	1,190,961	587,868
1946	538,155	375,242	50,364	36,323	315,735	435,759	447,120	38,587	1,369,145	548,545
1947	423,241	852,492	120,589	68,266	632,448	641,395	824,465	102,489	2,351,731	1,149,433
1948	511,005	498,720	64,027	35,518	492,275	657,047	649,456	113,563	2,259,053	930,367
1949	874,216	366,079	[7] 59,879	[7] 31,065	307,940	561,407	732,136	96,999	[8] 2,313,074	[9] 750,493

[1] Includes oleomargarine of vegetable origin. Excludes inedible fish oils. Excludes "lard compounds" beginning 1921; now classified as "vegetable cooking fats." [2] Includes fruit and nut preparations.
[3] Natural and synthetic rubber. [4] Average for period July 1, 1915, to Dec. 31, 1920.
[5] Includes semimanufactures. [6] Average for 1906–10.
[7] Box, crate and package shooks (except fruit and vegetable) included with "Other wood manufactures" for 1949; classified as "Sawmill products" in prior years.
[8] Exclusive of track-laying tractors of 95 and over drawbar horsepower after July.
[9] Exclusive of motor vehicles manufactured to military specifications after July.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1014.—Imports—Value of Selected Commodities: 1821 to 1949

[**In thousands of dollars.** For basis of dollar values, see general note, p. 827. Figures represent "general imports" through 1932, "imports for consumption" thereafter. Figures cover fiscal years ending Sept. 30 through 1840, and June 30, 1850 through 1915; calendar years thereafter. In some cases blanks represent entire absence of trade; in other cases the item is not available separately]

YEAR OR YEARLY AVERAGE	Hides and skins	Furs, and manufactures [1]	Fruits and nuts	Vegetable oils and fats, expressed or extracted	Coffee	Sugar [2]	Rubber, crude	Tobacco, unmanufactured	Cotton manufactures [3]	Burlaps
1821	893	224	181	-------	4,490	3,554	-------	-------	7,391	-------
1830	2,410	306	520	18	4,227	4,631	-------	-------	7,865	-------
1840	2,756	423	1,405	263	8,546	5,581	-------	-------	6,504	-------
1850	4,799	1,014	1,191	922	11,235	7,556	-------	272	20,781	-------
1860	10,525	1,838	4,804	1,619	21,884	31,079	1,427	1,366	33,216	-------
1870	14,402	2,236	7,417	2,153	24,235	56,924	3,460	2,534	23,380	-------
1871–1880	17,443	4,192	11,237	1,164	48,874	75,216	5,695	4,363	26,691	-------
1881–1890	24,776	7,224	18,732	1,798	55,381	85,760	13,262	8,682	30,299	2,276
1891–1900	32,143	9,466	19,492	3,371	83,025	97,371	21,135	12,083	31,588	6,925
1901–1910	69,363	18,236	28,363	10,676	71,473	84,863	47,755	20,824	57,845	18,549
1911–1915	102,967	19,341	43,033	26,554	108,970	118,240	82,736	31,576	63,049	30,749
1915–1920 [4]	201,517	47,620	61,755	84,462	165,265	393,906	192,149	51,012	65,816	62,591
1921–1925	93,067	80,552	75,499	59,652	205,792	295,389	192,922	64,831	86,568	60,406
1926–1930	118,003	114,785	84,868	81,940	281,707	207,318	294,428	57,018	63,627	72,250
1931–1935	30,795	43,125	48,407	45,012	141,173	113,110	74,573	27,118	34,472	26,141
1936–1940	50,591	69,781	59,902	72,768	137,736	138,521	206,312	34,294	42,139	35,667
1941–1945	67,789	107,798	63,291	43,840	265,638	171,975	148,694	50,496	18,942	50,074
1941	83,441	108,984	62,157	54,961	177,385	153,364	417,856	37,891	23,391	51,507
1942	77,848	69,231	35,190	32,840	205,362	108,487	118,009	36,995	10,392	30,960
1943	66,288	90,735	41,238	37,782	273,422	184,147	32,676	41,861	11,513	48,695
1944	61,415	125,890	68,054	44,904	326,067	212,322	76,001	60,288	11,545	53,893
1945	49,954	144,148	109,815	48,714	345,952	201,554	98,930	75,443	37,869	65,313
1946	77,471	238,378	143,281	73,531	472,380	196,983	232,800	85,904	44,503	76,183
1947	85,839	125,889	136,053	117,379	601,318	410,516	316,740	90,694	31,029	109,019
1948	107,765	164,548	161,324	103,036	697,679	313,059	309,137	77,590	52,800	131,313
1949	72,587	108,960	146,839	71,500	795,502	372,147	15,783	73,209	49,856	103,137

YEAR OR YEARLY AVERAGE	Wool and mohair	Wool manufactures (including rags, noils, waste)	Silk, raw	Sawmill products	Wood pulp	Paper and manufactures	Petroleum and products	Copper, including ore and manufactures	Tin, including ore	Fertilizers and materials [5]
1821	-------	7,239	-------	-------	-------	58	-------	233	149	-------
1830	97	5,901	119	-------	-------	170	-------	807	108	-------
1840	846	10,808	234	-------	-------	70	-------	1,653	229	-------
1850	1,690	19,621	386	-------	-------	432	-------	2,418	674	92
1860	4,843	43,142	1,236	-------	-------	497	-------	1,630	1,158	526
1870	6,743	34,491	3,018	-------	-------	1,100	-------	656	2,043	2,192
1871–1880	12,828	38,123	6,390	5,618	-------	1,591	-------	1,084	3,032	2,317
1881–1890	13,531	43,292	15,963	8,074	-------	2,082	-------	498	6,028	4,700
1891–1900	22,171	32,014	26,160	7,887	1,478	3,016	-------	3,381	9,146	6,642
1901–1910	32,410	19,357	55,509	14,699	5,378	5,124	-------	30,319	25,897	20,969
1911–1915	42,664	22,777	80,079	18,276	16,254	12,952	8,868	46,129	41,493	39,631
1915–1920 [4]	170,173	26,852	213,960	36,521	42,814	47,214	31,174	103,805	73,739	67,142
1921–1925	102,369	64,592	348,123	50,653	67,002	105,239	91,857	77,811	59,225	57,140
1926–1930	78,790	69,295	368,232	44,503	86,044	151,219	132,794	108,243	89,058	67,997
1931–1935	18,731	17,114	115,054	10,540	59,544	95,523	50,990	29,662	43,837	28,659
1936–1940	61,291	26,005	108,723	19,328	77,994	123,911	47,654	47,608	85,363	35,250
1941–1945	247,905	22,563	12,598	50,278	84,136	144,645	93,981	164,807	77,610	31,687
1941	204,892	27,724	61,802	46,877	66,031	146,744	82,455	141,789	177,241	22,767
1942	311,338	26,813	72	55,916	72,612	138,821	36,918	165,309	61,765	25,917
1943	295,763	16,379	(6)	39,824	77,095	138,514	85,223	156,514	38,044	32,920
1944	186,234	17,362	-------	51,485	89,178	141,604	113,352	165,749	56,993	35,506
1945	241,300	24,535	1,116	57,289	115,764	157,542	151,959	194,672	54,009	41,327
1946	289,409	41,112	101,246	78,374	135,782	253,661	159,373	86,384	69,179	35,330
1947	208,942	39,508	15,709	101,587	256,439	363,169	250,400	175,829	85,932	43,449
1948	307,673	79,087	15,406	152,078	272,409	437,779	415,669	203,042	176,153	56,180
1949	222,223	74,964	7,272	113,164	182,428	452,650	477,706	224,299	212,289	62,685

[1] Includes fur hats beginning 1921; formerly classified as miscellaneous textile products.
[2] Includes sirups and maple sugar prior to Oct. 4, 1913. [3] Includes semimanufactures.
[4] Average for period July 1, 1915, to Dec. 31, 1920.
[5] Saltpeter transferred to fertilizers from chemicals beginning 1921.
[6] Less than 500 dollars.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1015.—Foreign Trade With Each Continent, by Economic Classes: 1936 to 1946

[In millions of dollars. "Manufactured foodstuffs" includes beverages]

Economic class and continent	1936–1940, average	1941–1945, average	1942	1943	1944	1945	1946		
							Total	Agricultural	Nonagricultural
Exports, U. S. merchandise	3,166.5	9,922.2	8,003.1	12,841.5	14,161.5	9,584.7	9,500.2	3,139.9	6,360.3
North America	788.8	1,834.6	1,803.5	1,967.0	2,041.3	1,880.0	2,494.6	385.9	2,108.7
Crude materials	133.3	259.4	252.3	283.2	294.8	284.5	332.3	65.2	267.1
Crude foodstuffs	42.3	79.0	50.0	78.6	103.9	118.8	136.1	135.1	1.0
Manufactured foodstuffs	46.1	105.6	90.5	92.2	129.3	134.2	181.6	173.5	8.2
Semimanufactures	120.5	244.1	266.7	246.1	239.1	248.1	263.6	5.7	258.0
Finished manufactures	446.5	1,146.5	1,144.0	1,267.0	1,274.1	1,094.3	1,580.9	6.4	1,574.5
South America	314.9	495.1	371.3	408.6	535.3	640.7	1,140.0	96.3	1,043.7
Crude materials	8.7	11.7	10.1	8.8	9.0	15.9	23.6	8.9	14.7
Crude foodstuffs	2.5	1.7	.9	.3	.9	3.9	15.4	15.4	(2)
Manufactured foodstuffs	10.8	21.8	14.7	12.7	26.5	36.5	69.7	67.7	2.1
Semimanufactures	50.6	92.0	74.4	76.3	99.5	95.5	136.9	.5	136.4
Finished manufactures	242.4	367.9	271.2	310.6	399.4	488.9	894.3	3.8	890.5
Europe [1]	1,309.4	5,596.5	3,971.2	7,566.3	9,321.6	5,350.2	3,946.6	2,049.8	1,896.8
Crude materials	340.5	264.9	140.4	340.4	214.0	517.0	786.2	654.8	131.3
Crude foodstuffs	70.3	69.1	15.4	27.9	26.1	243.3	377.0	376.9	.1
Manufactured foodstuffs	94.8	921.8	757.2	1,327.9	1,329.2	932.5	1,032.1	1,001.6	30.5
Semimanufactures	268.2	472.6	449.0	643.1	649.1	335.0	350.5	7.9	342.6
Finished manufactures	535.7	3,868.0	2,609.3	5,226.8	7,103.2	3,322.4	1,400.9	8.6	1,392.3
Asia [1]	533.0	796.4	687.1	836.8	994.1	842.5	1,314.8	510.1	804.8
Crude materials	108.7	15.5	4.6	5.0	8.4	18.2	241.8	236.7	5.1
Crude foodstuffs	3.4	2.4	.1	(2)	.1	7.8	89.4	89.4	(2)
Manufactured foodstuffs	17.0	56.7	28.9	26.1	90.8	100.1	196.1	181.4	14.6
Semimanufactures	142.8	48.7	39.8	39.7	36.2	40.8	91.4	.3	91.0
Finished manufactures	261.0	673.1	613.6	766.0	858.6	675.6	696.2	2.3	694.0
Oceania	88.8	362.8	361.2	568.0	409.6	352.4	116.3	18.4	97.9
Crude materials	8.9	13.3	5.4	18.9	18.0	18.4	16.4	14.7	1.7
Crude foodstuffs	.3	.9	.1	.2	.4	3.2	.1	.1	(3)
Manufactured foodstuffs	2.3	4.2	2.3	3.2	7.6	5.9	2.7	2.5	.1
Semimanufactures	11.8	34.3	42.5	45.6	33.1	26.8	20.9	.2	20.8
Finished manufactures	65.5	310.1	310.9	500.1	350.5	298.1	76.3	.9	75.4
Africa	131.6	836.7	808.8	1,494.9	859.7	519.0	487.8	79.5	408.4
Crude materials	3.0	8.4	5.2	5.5	9.8	16.6	15.6	10.0	5.6
Crude foodstuffs	.5	12.3	1.3	2.1	2.4	55.1	30.1	30.1	(2)
Manufactured foodstuffs	4.0	44.3	31.0	88.7	49.3	36.5	40.2	38.3	1.9
Semimanufactures	17.1	39.7	47.9	38.6	39.6	33.3	31.8	.3	31.5
Finished manufactures	107.0	732.1	723.3	1,360.1	758.6	377.4	370.1	.7	369.4
Imports for consumption [3]	2,440.1	3,475.6	2,780.3	3,390.1	3,887.5	4,098.1	4,824.9	2,297.5	2,527.4
North America	599.9	1,529.4	1,114.9	1,676.5	2,024.3	1,892.8	1,627.2	569.0	1,058.2
Crude materials	81.3	198.6	165.9	211.2	249.1	221.4	220.4	87.1	133.3
Crude foodstuffs	110.7	260.4	134.8	290.6	460.7	282.3	248.0	211.3	36.7
Manufactured foodstuffs	133.9	283.1	185.0	315.6	400.6	335.0	331.7	263.1	68.6
Semimanufactures	131.9	380.2	341.1	382.0	392.8	509.8	428.3	3.7	424.6
Finished manufactures	142.2	407.1	288.1	477.1	521.1	544.3	398.8	3.8	395.0
South America	329.0	790.0	643.5	782.7	920.3	948.7	1,105.0	745.4	359.6
Crude materials	119.2	310.5	253.8	294.2	332.3	359.6	415.4	217.5	197.9
Crude foodstuffs	144.5	237.4	174.0	240.7	300.0	305.7	441.1	441.0	.1
Manufactured foodstuffs	14.9	40.3	33.4	41.9	48.6	50.4	53.0	47.5	5.5
Semimanufactures	47.6	180.8	175.7	187.8	206.0	192.3	154.0	35.1	118.9
Finished manufactures	2.8	21.1	6.6	18.1	33.4	40.6	41.5	4.3	37.2
Europe [1]	619.4	287.3	235.8	246.4	278.1	402.4	754.0	136.6	617.4
Crude materials	109.2	56.2	45.3	45.2	55.3	69.9	177.4	60.8	116.6
Crude foodstuffs	11.2	7.9	2.1	4.3	14.5	15.5	15.4	15.1	.2
Manufactured foodstuffs	107.0	55.6	44.5	54.5	66.9	62.9	99.8	50.4	49.4
Semimanufactures	179.6	51.4	30.2	32.0	32.8	104.0	193.3	4.0	189.2
Finished manufactures	212.3	116.2	113.7	110.3	108.6	150.0	268.3	6.2	262.0
Asia [1]	777.9	469.4	337.7	226.2	310.7	388.2	861.7	559.6	302.0
Crude materials	422.1	267.0	211.8	104.9	165.2	198.8	540.9	444.8	96.1
Crude foodstuffs	32.1	40.9	28.2	31.9	41.7	53.6	67.6	67.3	.3
Manufactured foodstuffs	85.2	16.6	7.2	2.8	1.7	8.1	13.6	13.3	.4
Semimanufactures	141.0	72.5	45.0	30.7	37.4	43.1	116.9	29.0	87.9
Finished manufactures	97.4	72.4	45.6	56.0	64.8	84.5	122.8	5.3	117.5
Oceania	35.4	182.2	255.8	243.0	134.2	163.7	175.3	139.0	36.3
Crude materials	31.1	169.3	241.5	230.3	121.1	148.9	160.0	132.2	27.8
Crude foodstuffs	.2	1.1	.7	.5	2.0	1.3	1.0	1.0	———
Manufactured foodstuffs	2.7	3.7	3.9	5.5	2.1	4.7	5.3	5.1	.2
Semimanufactures	.8	6.0	9.0	4.5	4.6	6.7	6.0	.1	5.9
Finished manufactures	.6	2.1	.7	2.2	4.4	2.1	3.0	.6	2.4
Africa	78.3	217.2	192.6	215.3	219.8	302.4	301.7	147.9	153.7
Crude materials	44.3	145.5	142.5	151.5	155.2	184.5	215.0	100.9	114.1
Crude foodstuffs	20.8	21.1	8.7	16.2	22.5	34.7	41.4	40.2	1.1
Manufactured foodstuffs	1.8	.7	.5	.9	1.1	.6	.6	.4	.2
Semimanufactures	10.0	44.3	38.5	40.5	32.6	72.3	32.1	3.7	28.4
Finished manufactures	1.4	5.6	2.4	6.1	8.4	10.3	12.6	2.7	9.9

[1] Turkey in Europe included with Asia; U. S. S. R. in Asia included with Europe.
[2] Less than $50,000.
[3] "General imports" through 1933.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States.

No. 1016.—Foreign Trade—Percent Distribution of United States Merchandise by Economic Class and by Continent: 1941 to 1946

[Percentages based on data shown in table 1015, except calculations were made from unrounded figures]

Economic class and continent	Exports						Imports for consumption					
	1941–1945, avg.	1942	1943	1944	1945	1946	1941–1945, avg.	1942	1943	1944	1945	1946
CLASS												
Crude materials	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North America	45.3	60.4	42.8	53.2	32.7	23.5	17.3	15.6	20.4	23.1	18.7	12.7
South America	2.1	2.4	1.3	1.6	1.8	1.7	27.1	23.9	28.4	30.8	30.4	24.0
Europe	46.2	33.6	51.4	38.6	59.4	55.5	4.9	4.3	4.4	5.1	5.9	10.3
Asia	2.7	1.1	.8	1.5	2.1	17.1	23.3	20.0	10.1	15.3	16.8	31.3
Oceania	2.3	1.3	2.9	3.2	2.1	1.2	14.8	22.8	22.2	11.2	12.6	9.3
Africa	1.5	1.2	.8	1.8	1.9	1.1	12.7	13.4	14.6	14.4	15.6	12.4
Crude foodstuffs	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North America	47.8	73.7	72.0	77.7	27.5	21.0	45.8	38.7	49.7	54.8	40.7	30.5
South America	1.0	1.3	.3	.7	.9	2.4	41.7	49.9	41.2	35.7	44.1	54.2
Europe	41.8	22.7	25.6	19.5	56.3	58.2	1.4	.6	.7	1.7	2.2	1.9
Asia	1.5	.2	------	.1	1.8	13.8	7.2	8.1	5.5	5.0	7.7	8.3
Oceania	.5	.1	.2	.3	.7	------	.2	.2	.1	.2	.2	.1
Africa	7.4	2.0	2.1	1.6	12.8	4.6	3.7	2.5	2.8	2.7	5.1	5.1
Manufactured foodstuffs	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North America	9.2	9.8	5.9	7.9	10.8	11.9	70.8	67.4	74.9	76.9	72.6	65.8
South America	1.9	1.6	.8	1.6	2.9	4.6	10.1	12.2	9.9	9.3	10.9	10.5
Europe	79.9	81.9	85.7	81.4	74.9	67.8	13.9	16.2	13.0	12.8	13.6	19.8
Asia	4.9	3.1	1.7	5.6	8.0	12.9	4.1	2.6	.7	.3	1.8	2.7
Oceania	.4	.3	.2	.5	.5	.2	.9	1.4	1.3	.4	1.0	1.1
Africa	3.8	3.4	5.7	3.0	2.9	2.6	.2	.2	.2	.2	.1	.1
Semimanufactures	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North America	26.2	29.0	22.6	21.9	31.8	29.5	51.7	53.3	56.4	55.6	54.9	46.0
South America	9.9	8.1	7.0	9.1	12.3	15.3	24.6	27.5	27.7	29.2	20.7	16.5
Europe	50.7	48.9	59.0	59.1	43.0	39.2	7.0	4.7	4.7	4.7	11.2	20.8
Asia	5.2	4.3	3.7	3.3	5.2	10.2	9.9	7.0	4.5	5.3	4.6	12.6
Oceania	3.7	4.6	4.2	3.0	3.4	2.3	.8	1.4	.7	.6	.7	.6
Africa	4.3	5.1	3.5	3.6	4.3	3.6	6.0	6.0	6.0	4.6	7.8	3.5
Finished manufactures	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North America	16.2	20.2	13.4	11.9	17.5	31.5	65.2	63.0	71.2	70.3	65.4	47.1
South America	5.2	4.8	3.3	3.7	7.8	17.8	3.4	1.4	2.7	4.5	4.9	4.9
Europe	54.5	46.0	55.5	66.1	53.1	27.9	18.6	24.9	16.5	14.7	18.0	31.7
Asia	9.5	10.8	8.1	8.0	10.8	13.9	11.6	10.0	8.4	8.8	10.2	14.5
Oceania	4.4	5.5	5.3	3.3	4.8	1.5	.3	.2	.3	.6	.3	.4
Africa	10.3	12.8	14.4	7.1	6.0	7.4	.9	.5	.9	1.1	1.2	1.5
CONTINENT												
North America	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials	14.1	14.0	14.4	14.4	15.1	13.3	13.0	14.9	12.6	12.3	11.7	13.5
Crude foodstuffs	4.3	2.8	4.0	5.1	6.3	5.5	17.0	12.1	17.3	22.8	14.9	15.2
Manufactured foodstuffs	5.8	5.0	4.7	6.3	7.1	7.3	18.5	16.6	18.8	19.8	17.7	20.4
Semimanufactures	13.3	14.8	12.5	11.7	13.2	10.6	24.9	30.6	22.8	19.4	26.9	26.3
Finished manufactures	62.5	63.5	64.4	62.4	58.2	63.4	26.6	25.8	28.5	25.7	28.8	24.5
South America	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials	2.4	2.7	2.1	1.7	2.5	2.1	39.3	39.4	37.6	36.1	37.9	37.6
Crude foodstuffs	.3	.2	.1	.2	.6	1.4	30.0	27.0	30.8	32.6	32.2	40.0
Manufactured foodstuffs	4.4	4.0	3.1	4.9	5.7	6.1	5.1	5.2	5.3	5.3	5.3	4.8
Semimanufactures	18.6	20.0	18.7	18.6	14.9	12.0	22.9	27.3	24.0	22.4	20.3	13.9
Finished manufactures	74.3	73.1	76.0	74.6	76.3	78.4	2.7	1.0	2.3	3.6	4.3	3.8
Europe	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials	4.7	3.5	4.5	2.3	9.7	19.9	19.6	19.2	18.4	19.9	17.4	23.5
Crude foodstuffs	1.2	.4	.4	.3	4.5	9.6	2.7	.9	1.7	5.2	3.9	2.0
Manufactured foodstuffs	16.5	19.1	17.5	14.3	17.4	26.2	19.4	18.9	22.1	24.0	15.6	13.2
Semimanufactures	8.4	11.3	8.5	7.0	6.3	8.9	17.9	12.8	13.0	11.8	25.9	25.6
Finished manufactures	69.1	65.7	69.1	76.2	62.1	35.5	40.5	48.2	44.8	39.1	37.3	35.6
Asia	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials	1.9	.7	.6	.8	2.2	18.4	56.9	62.7	46.4	53.2	51.2	62.8
Crude foodstuffs	.3	.0	------	.0	.9	6.8	8.7	8.4	14.1	13.4	13.8	7.8
Manufactured foodstuffs	7.1	4.2	3.1	9.1	11.9	14.9	3.5	2.1	1.2	.5	2.1	1.6
Semimanufactures	6.1	5.8	4.8	3.6	4.8	6.9	15.4	13.3	13.6	12.0	11.1	13.6
Finished manufactures	84.5	89.3	91.5	86.4	80.2	53.0	15.4	13.5	24.8	20.9	21.8	14.2
Oceania	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials	3.7	1.5	3.3	4.4	5.2	14.1	92.9	94.4	94.8	90.2	91.0	91.3
Crude foodstuffs	.2	.0	------	.1	.9	.1	.6	.3	.2	1.5	.8	.5
Manufactured foodstuffs	1.2	.6	.6	1.8	1.7	2.3	2.0	1.5	2.3	1.5	2.9	3.0
Semimanufactures	9.5	11.8	8.0	8.1	7.6	18.0	3.3	3.5	1.8	3.4	4.1	3.4
Finished manufactures	85.5	86.1	88.1	85.6	84.6	65.6	1.1	.3	.9	3.3	1.3	1.7
Africa	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Crude materials	1.0	.6	.4	1.1	3.2	3.2	67.0	74.0	70.4	70.6	61.0	71.3
Crude foodstuffs	1.5	.2	.1	.3	10.6	6.2	9.7	4.5	7.5	10.2	11.5	13.7
Manufactured foodstuffs	5.3	3.8	5.9	5.8	7.0	8.2	.3	.3	.4	.5	.2	.2
Semimanufactures	4.7	5.8	2.6	4.6	6.4	6.5	20.4	20.0	18.8	14.8	23.9	10.6
Finished manufactures	87.5	89.5	91.0	88.2	72.7	75.9	2.6	1.2	2.8	3.8	3.4	4.2

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States.

No. 1017.—Exports (Including Reexports) and General Imports of Merchandise, by Continents: 1821 to 1949

[**In thousands of dollars.** For basis of dollar values, see general note, p. 827. Figures cover fiscal years to and including 1915; calendar years thereafter, except as noted. Philippine Islands included with Asia for all years; Turkey in Europe is with Asia beginning 1926; U. S. S. R. in Asia is with Europe beginning 1924; and Hawaiian Islands with Oceania prior to 1901. See also *Historical Statistics*, series M 87-102]

Yearly average or year	Exports							
	Total	North America		South America	Europe	Asia	Oceania	Africa
		Northern	Southern					
1821	54,496	2,392	11,965	2,208	35,575	1,977	71	309
1830	71,671	2,802	14,723	4,586	47,393	1,906	27	234
1840	123,669	6,090	17,241	5,714	92,039	1,560	330	696
1850	144,376	9,519	14,284	7,730	108,638	3,028	190	967
1860	333,576	22,883	29,273	15,706	249,425	8,100	4,962	3,227
1870	392,772	21,703	31,100	15,188	313,315	5,773	3,873	1,820
1871-1880	589,301	32,874	36,246	21,161	482,235	8,133	5,703	2,950
1881-1890	765,136	40,697	43,945	30,129	613,753	18,958	13,928	3,728
1891-1900	1,024,870	64,636	63,050	34,473	798,320	32,968	20,152	11,272
1901-1910	1,616,250	152,698	126,238	64,194	1,131,759	87,091	31,048	23,222
1911-1915	2,370,539	337,091	182,315	122,243	1,517,404	133,348	51,506	26,632
1915-1920 [1]	6,521,190	780,221	503,439	360,744	4,123,523	562,476	109,121	81,668
1921-1925	4,397,027	627,382	444,577	297,115	2,318,244	498,553	141,426	69,729
1926-1930	4,777,314	829,858	403,175	447,860	2,236,501	573,085	177,239	109,596
1931-1935	2,025,195	300,372	162,435	141,074	960,158	349,911	48,868	62,377
1936-1940	3,219,581	521,793	291,178	317,400	1,332,708	535,283	89,150	132,068
1941-1945	10,051,075	1,297,384	574,985	500,039	5,673,543	799,063	363,562	842,499
1940	4,021,146	724,612	341,220	435,584	1,645,428	619,210	94,483	160,609
1941	5,147,154	1,012,331	507,680	527,375	1,846,928	625,198	123,376	504,266
1942	8,078,988	1,356,337	473,028	375,836	4,008,988	687,541	361,454	815,804
1943	12,964,906	1,462,519	543,998	411,480	7,633,089	837,541	568,927	1,507,353
1944	14,258,702	1,460,921	625,938	540,277	9,363,897	995,782	410,484	861,404
1945	9,805,625	1,194,814	724,279	645,226	5,514,814	849,252	353,509	523,671
1946	9,738,321	1,462,917	1,072,097	1,148,590	4,122,358	1,326,870	116,671	488,819
1947	14,420,747	2,114,505	1,714,979	2,353,642	5,187,322	1,917,504	320,324	821,471
1948	12,653,058	1,944,706	1,450,572	1,911,582	4,279,188	2,129,566	152,772	784,672
1949	12,000,202	1,958,248	1,340,065	1,558,955	4,114,532	2,218,215	194,519	615,670

Yearly average or year	General imports							
	Total	North America		South America	Europe	Asia	Oceania	Africa
		Northern	Southern					
1821	54,521	402	11,816	1,570	35,000	5,324	34	375
1830	62,721	398	10,793	4,919	40,117	6,241	18	234
1840	98,259	1,228	15,421	8,606	61,721	10,686	152	445
1850	173,509	5,180	16,116	16,038	123,115	12,434	9	618
1860	353,616	23,730	44,180	34,929	216,661	29,239	1,170	3,706
1870	435,958	36,265	74,435	42,964	240,187	37,773	1,612	2,722
1871-1880	535,222	30,720	91,385	65,771	284,294	55,715	4,287	3,051
1881-1890	692,187	41,113	97,564	79,184	384,644	72,173	13,764	3,746
1891-1900	763,328	36,801	102,025	107,255	393,733	96,584	19,519	7,412
1901-1910	1,158,500	66,137	154,913	139,437	594,067	177,289	12,818	13,840
1911-1915	1,712,319	131,455	248,943	219,923	798,115	270,797	19,020	24,065
1915-1920 [1]	3,358,354	425,337	588,103	591,295	682,298	910,340	70,134	90,848
1921-1925	3,450,103	396,668	514,233	421,336	1,049,565	942,808	53,994	71,499
1926-1930	4,033,469	479,737	460,457	545,788	1,207,213	1,195,930	53,137	91,207
1931-1935	1,713,102	236,164	177,257	244,160	516,313	490,909	16,209	32,088
1936-1940	2,482,030	368,521	246,139	337,703	627,085	784,989	36,372	81,220
1941-1945	3,514,080	953,196	588,916	801,021	287,826	478,314	187,281	217,524
1940	2,625,379	437,101	256,307	395,105	390,161	980,869	34,673	131,162
1941	3,345,005	570,956	411,290	674,286	280,773	1,087,844	158,957	160,899
1942	2,755,893	733,187	380,688	647,836	220,108	339,658	230,834	203,581
1943	3,381,498	1,040,552	641,827	775,611	239,507	234,814	245,376	203,812
1944	3,928,866	1,275,898	757,844	931,271	289,295	321,940	130,305	222,312
1945	4,159,138	1,145,388	752,934	976,101	409,450	407,315	170,935	297,015
1946	4,942,054	910,529	733,222	1,118,138	804,326	886,946	182,574	306,317
1947	5,756,333	1,128,124	1,015,661	1,254,222	820,036	1,055,195	155,761	327,335
1948	7,123,877	1,593,546	946,114	1,559,644	1,121,123	1,346,073	163,673	393,703
1949	6,626,221	1,552,228	942,124	1,502,249	925,358	1,241,183	125,333	337,747

[1] Period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1018.—Exports and General Imports, by Continents—Percent Distribution: 1821 to 1949

[Percentages based on figures shown in table 1017, except that calculations were made from unrounded figures. See headnote to that table]

Yearly average or year	Percent of total exports							Percent of total imports						
	North America		South America	Europe	Asia	Oceania	Africa	North America		South America	Europe	Asia	Oceania	Africa
	Northern	Southern						Northern	Southern					
1821	4.4	22.0	4.1	65.3	3.6	0.1	0.6	0.7	21.7	2.9	64.2	9.8	0.1	0.7
1830	3.9	20.5	6.4	66.1	2.7	(1)	.3	.6	17.2	7.8	64.0	10.0	(1)	.4
1840	4.9	13.9	4.6	74.4	1.3	.3	.6	1.2	15.7	8.8	62.8	10.9	.2	.5
1850	6.6	9.9	5.4	75.2	2.1	.1	.7	3.0	9.3	9.2	71.0	7.2	(1)	.4
1860	6.9	8.8	4.7	74.8	2.4	1.5	1.0	6.7	12.5	9.9	61.3	8.3	.3	1.0
1870	5.5	7.9	3.9	79.8	1.5	1.0	.5	8.3	17.1	9.9	55.1	8.7	.4	.6
1871–1880	5.6	6.2	3.6	81.8	1.4	1.0	.5	5.7	17.1	12.3	53.1	10.4	.8	.6
1881–1890	5.3	5.7	3.9	80.2	2.5	1.8	.5	5.9	14.1	11.4	55.6	10.4	2.0	.5
1891–1900	6.3	6.2	3.4	77.9	3.2	2.0	1.1	4.8	13.4	14.1	51.6	12.7	2.6	1.0
1901–1910	9.4	7.8	4.0	70.0	5.4	1.9	1.4	5.7	13.4	12.0	51.3	15.3	1.1	1.2
1911–1915	14.2	7.7	5.2	64.0	5.6	2.2	1.1	7.7	14.5	12.8	46.6	15.8	1.1	1.4
1915–1920 [2]	12.0	7.7	5.5	63.2	8.6	1.7	1.3	12.7	17.5	17.6	20.3	27.1	2.1	2.7
1921–1925	14.3	10.1	6.8	52.7	11.3	3.2	1.6	11.5	14.9	12.2	30.4	27.3	1.6	2.1
1926–1930	17.4	8.4	9.4	46.8	12.0	3.7	2.3	11.9	11.4	13.5	29.9	29.7	1.3	2.3
1931–1935	14.8	8.0	7.0	47.4	17.3	2.4	3.1	13.8	10.3	14.3	30.1	28.7	.9	1.9
1936–1940	16.2	9.0	9.9	41.4	16.6	2.7	4.2	14.8	9.9	13.6	25.3	31.6	1.5	3.3
1941–1945	12.9	5.7	5.0	56.4	8.0	3.6	8.4	27.1	16.8	22.8	8.2	13.6	5.3	6.2
1940	18.0	8.5	10.8	40.9	15.4	2.3	4.0	16.6	9.8	15.0	14.9	37.4	1.3	5.0
1941	19.7	9.9	10.2	35.9	12.1	2.4	9.8	17.1	12.3	20.2	8.4	32.5	4.8	4.8
1942	16.8	5.9	4.7	49.6	8.5	4.5	10.1	26.6	13.8	23.5	8.0	12.3	8.4	7.4
1943	11.3	4.2	3.2	58.9	6.5	4.4	11.6	30.8	19.0	22.9	7.1	6.9	7.3	6.0
1944	10.2	4.4	3.8	65.7	7.0	2.9	6.0	32.5	19.3	23.7	7.4	8.2	3.3	5.7
1945	12.2	7.4	6.6	56.2	8.7	3.6	5.3	27.5	18.1	23.5	9.8	9.8	4.1	7.1
1946	15.0	11.0	11.8	42.3	13.6	1.2	5.0	18.4	14.8	22.6	16.3	17.9	3.7	6.2
1947	14.7	11.9	16.3	35.9	13.3	2.2	5.7	19.6	17.6	21.8	14.2	18.3	2.7	5.7
1948	15.4	11.5	15.1	33.8	16.8	1.2	6.2	22.4	13.3	21.9	15.7	18.9	2.3	5.5
1949	16.3	11.2	13.0	34.3	18.5	1.6	5.1	23.4	14.2	22.7	14.0	18.7	1.9	5.1

[1] Less than 1/10 of 1 percent.
[2] Period July 1, 1915, to Dec. 31, 1920.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1019.—In-Transit and Transshipment Trade of the United States: 1938 to 1945

[**Values in thousands of dollars** (for basis of dollar values, see general note, p. 827)]

YEAR	CONTINENTS AND PRINCIPAL COUNTRIES							
	Received from	Shipped to	Received from	Shipped to	Received from	Shipped to	Received from	Shipped to
	North America							
	Total		Canada		Mexico		Cuba	
1938	91,672	43,633	65,919	13,976	16,045	10,417	3,217	6,204
1939	117,112	58,304	90,972	22,001	15,451	14,453	4,697	6,303
1940	172,147	70,053	145,989	38,962	17,083	13,990	2,463	5,626
1941	230,648	81,976	202,220	50,461	12,391	16,793	1,913	4,332
1942	618,135	148,114	576,562	89,743	19,385	23,299	4,584	9,425
1943	1,045,262	203,017	977,799	124,831	22,240	23,864	6,524	13,452
1944	812,220	179,990	752,494	98,397	22,752	28,175	5,650	13,981
1945	678,931	149,909	602,103	66,727	44,020	39,252	5,829	15,839
	South America							
	Total		Argentina		Brazil		Chile	
1938	9,974	22,259	2,395	1,974	1,045	3,617	1,563	4,932
1939	15,997	34,919	4,131	3,185	1,499	5,345	1,803	6,124
1940	51,021	38,685	6,625	6,399	6,816	7,316	28,357	7,213
1941	38,167	30,968	5,197	7,637	20,031	8,212	1,608	2,948
1942	31,473	30,252	8,643	7,422	11,543	5,728	2,601	3,474
1943	24,325	26,462	6,109	4,884	3,871	5,898	482	2,729
1944	50,671	32,262	6,761	4,837	5,901	10,176	356	2,441
1945	28,845	45,212	4,134	7,691	9,205	14,347	1,740	2,944
	South America—Continued				Europe			
	Colombia		Peru		Total		United Kingdom	
1938	1,061	4,193	2,085	3,592	30,198	50,394	11,669	22,032
1939	1,107	8,874	4,279	3,532	39,868	64,610	13,182	23,515
1940	821	5,355	1,552	4,068	38,233	119,759	13,499	65,359
1941	1,450	3,714	1,208	2,540	21,648	81,586	8,039	59,512
1942	1,308	2,496	975	1,952	27,005	176,586	13,849	60,292
1943	3,528	3,742	488	1,478	29,101	386,326	17,701	277,582
1944	13,715	4,316	1,443	1,473	23,775	406,805	8,927	193,900
1945	4,015	7,853	2,534	2,294	40,403	276,527	7,639	126,817
	Europe—Continued							
	Belgium		France		Netherlands		Germany [1]	
1938	1,387	4,376	2,678	4,057	3,050	3,536	4,847	7,157
1939	2,489	6,883	4,627	4,661	5,221	8,983	3,881	2,096
1940	2,302	3,856	4,609	28,750	1,199	3,540	113	20
1941	101	----------	67	----------	22	----------	5	581
1942	18	----------	8	----------	----------	11	5	847
1943	----------	220	13	20	1	----------	9	----------
1944	----------	----------	3	56	245	----------	94	----------
1945	68	5,994	1,680	6,428	32	6,188	6	575
	Asia				Oceania		Africa	
	Total		Japan					
1938	8,636	10,638	3,058	5,035	1,391	10,868	561	4,641
1939	10,451	11,679	4,591	5,775	1,950	10,381	1,260	6,775
1940	16,057	23,745	4,670	12,163	3,607	7,788	2,786	23,822
1941	26,138	48,710	2,791	3,142	3,888	12,082	7,440	72,608
1942	23,921	118,224	107	3	13,869	46,966	8,543	202,803
1943	24,524	183,715	10	170	30,865	29,797	6,585	328,345
1944	19,418	140,900	30	----------	15,604	7,233	3,967	158,467
1945	10,114	229,658	1	311	7,928	9,787	6,448	61,575

[1] See note 6, p. 859.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States.

No. 1020.—Exports (Including Reexports) and General Imports of Merchandise, by Country of Destination and Origin: 1936 to 1949

[In thousands of dollars. See also *Historical Statistics*, series M 87-102, for group totals, historically]

Area and country	1936–40, average		1941–45, average		1944		1945		1946		1947		1948		1949	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
Grand total	**3,219,581**	**2,482,030**	**10,051,075**	**3,514,080**	**14,258,702**	**3,928,866**	**9,805,625**	**4,159,138**	**9,738,321**	**4,942,053**	**14,429,747**	**5,756,333**	**12,653,058**	**7,123,877**	**12,000,202**	**6,626,221**
North America	**812,972**	**614,660**	**1,872,369**	**1,542,113**	**2,086,859**	**2,033,742**	**1,919,093**	**1,898,322**	**2,535,014**	**1,643,751**	**3,829,484**	**2,143,784**	**3,395,277**	**2,539,661**	**3,298,313**	**2,494,352**
Northern Area	**521,793**	**368,520**	**1,297,384**	**953,196**	**1,460,921**	**1,275,898**	**1,194,814**	**1,145,388**	**1,462,917**	**910,529**	**2,114,505**	**1,128,124**	**1,944,706**	**1,593,546**	**1,958,248**	**1,552,228**
Greenland	155	784	1,149	2,566	1,386	1,570	961	2,180	724	828	621	1,565	158	210	137	1,313
Canada	512,717	359,562	1,277,864	935,879	1,440,749	1,259,898	1,177,559	1,124,932	1,441,614	883,388	2,073,747	1,095,102	1,912,175	1,553,613	1,939,464	1,512,226
Newfoundland and Labrador	8,765	8,121	18,194	14,743	18,629	14,430	16,166	18,276	20,468	26,313	39,924	31,426	32,260	39,707	18,515	38,689
Miquelon and St. Pierre	157	53	178	8	157	(1)	128	(1)	112	----	213	31	113	16	132	1
Southern Area	**291,178**	**246,139**	**574,985**	**588,917**	**625,938**	**757,844**	**724,279**	**752,934**	**1,072,097**	**733,222**	**1,714,979**	**1,015,661**	**1,450,572**	**946,114**	**1,340,065**	**942,124**
Mexico	85,525	58,027	212,910	170,032	264,254	204,336	307,019	231,203	504,665	232,411	629,898	246,689	521,506	246,207	462,417	244,081
Central America	62,351	36,048	104,396	57,349	74,460	60,840	109,495	73,311	172,177	82,820	368,140	125,332	281,058	139,222	293,934	143,651
Guatemala	7,343	9,864	11,109	17,363	10,665	18,139	14,676	24,263	23,081	31,220	41,377	44,042	44,817	44,171	44,859	43,297
British Honduras	1,043	1,861	2,211	2,690	2,540	3,618	2,643	2,868	2,869	2,057	4,505	3,237	2,984	2,646	2,100	2,188
El Salvador	3,760	6,633	6,739	13,023	6,658	14,537	8,671	16,970	13,697	15,211	28,433	27,468	25,764	31,136	25,837	40,214
Honduras	5,973	6,799	8,055	7,016	8,999	7,295	10,262	9,020	19,737	9,414	29,901	11,577	27,269	13,196	33,569	15,217
Nicaragua	3,797	2,657	7,161	4,774	7,036	5,973	8,531	5,024	12,122	6,436	17,403	8,993	20,577	11,698	15,708	6,697
Costa Rica	6,855	3,807	11,880	8,358	12,561	7,557	16,023	10,578	22,629	10,694	35,053	20,693	28,622	22,938	26,997	22,365
Panama, Republic of	[2]17,937	[2]4,086	30,934	2,705	22,961	1,796	33,721	2,765	49,447	5,807	172,162	6,710	91,913	8,949	115,740	11,190
Panama, Canal Zone	[2]26,070	[2]568	26,308	1,418	3,039	1,923	14,878	1,822	28,595	2,071	39,305	2,612	39,112	4,487	29,124	2,482
Bermuda and Caribbean	143,303	152,065	257,679	361,536	287,225	492,668	307,855	448,421	395,254	417,991	716,941	643,640	648,007	560,686	583,713	554,392
Bermuda	3,523	321	6,370	501	5,474	369	5,930	529	7,987	460	12,463	652	9,690	597	11,780	480
Bahamas [4]	----	----	[5]18,545	[5]1,010	17,875	973	10,888	1,098	6,749	1,055	9,505	1,382	9,850	1,085	8,225	881
Cuba	80,471	118,313	151,213	271,704	167,371	386,990	195,758	337,589	271,826	324,418	491,843	509,624	440,966	374,990	380,260	387,496
Jamaica	4,844	1,496	7,542	3,651	10,866	4,230	10,056	2,389	11,975	2,091	23,901	1,439	12,948	1,833	10,354	2,054
Haiti	4,283	2,866	7,448	10,004	9,258	12,490	9,611	15,950	12,301	17,685	25,214	20,144	20,204	18,849	23,836	19,782
Dominican Republic	6,104	5,934	12,753	12,197	14,041	16,704	18,777	14,461	29,441	20,197	49,324	30,228	46,986	35,212	38,330	25,600
Leeward Islands [4]	----	----	[5]1,585	[5]2,196	805	68	1,960	2,538	1,904	2,839	4,549	3,529	3,261	2,480	3,042	1,872
Windward Islands [4]	----	----			1,157	2,444										
Other British West Indies [4]	3,479	1,355	17,053	2,963	----	----	----	----	----	----	----	----	----	----	----	----
Barbados	978	359	1,279	240	1,886	178	1,866	392	1,509	409	4,429	481	2,506	141	2,628	194
Trinidad and Tobago	7,323	2,352	18,324	3,932	18,100	4,593	13,141	4,000	9,056	2,232	19,373	3,079	14,275	5,398	15,471	5,383
Netherlands Antilles	30,236	18,867	29,325	54,153	30,363	59,349	30,818	65,749	34,535	46,228	66,925	72,955	81,512	120,048	82,447	110,451
French West Indies	2,063	203	6,373	2,191	10,030	4,280	9,051	3,727	7,973	376	9,415	126	5,809	51	7,340	200

South America	317,400	337,703	500,039	801,021	540,277	931,271	645,226	976,101	1,148,590	1,118,138	2,353,642	1,254,222	1,911,582	1,559,644	1,558,955	1,502,249
Northern Area	95,300	78,989	145,275	141,545	156,949	163,598	232,027	194,031	364,858	283,287	662,053	391,925	728,480	522,451	708,512	534,675
Colombia	42,152	48,282	58,177	87,337	60,401	104,724	88,209	102,877	145,670	156,569	218,931	205,628	197,295	236,474	175,875	241,470
Venezuela	50,796	26,853	76,765	46,955	87,133	54,367	136,647	85,020	211,469	119,557	426,783	173,490	516,623	270,761	518,525	278,754
British Guiana	1,144	626	3,730	1,325	3,953	718	3,279	740	3,490	928	7,826	1,338	6,352	1,291	4,925	1,155
Surinam	1,017	3,185	6,093	5,893	4,627	3,755	3,200	5,368	3,604	6,163	7,540	11,458	7,174	13,884	8,489	13,288
French Guiana	192	44	510	34	835	34	691	27	625	69	973	11	1,037	41	697	8
Western Area	55,472	61,071	107,963	212,743	115,460	246,452	123,751	229,242	182,699	180,781	285,186	221,969	238,451	281,705	296,987	258,286
Ecuador	4,800	3,640	11,566	11,820	14,404	15,226	15,080	13,955	22,220	13,219	39,996	18,463	30,748	18,885	32,375	17,092
Peru	18,340	14,053	34,624	27,031	36,867	30,492	42,521	34,039	61,570	36,355	91,561	41,701	66,524	34,918	86,172	40,257
Bolivia	5,419	2,129	12,735	37,527	12,429	47,111	14,275	46,061	21,710	46,897	28,290	39,505	35,711	48,845	36,204	48,468
Chile	26,912	41,249	49,039	136,365	51,761	153,623	51,874	135,186	77,200	84,309	125,340	122,300	105,468	179,056	142,237	152,469
Eastern Area	166,628	197,642	246,800	446,733	267,868	521,221	289,448	552,828	601,033	654,071	1,406,403	640,327	944,651	755,489	553,455	709,287
Brazil	74,108	106,596	169,213	236,305	218,192	292,752	218,626	311,168	356,408	407,704	643,225	445,669	497,307	513,907	381,942	551,940
Paraguay	725	1,332	1,805	3,948	1,856	3,640	2,562	6,221	5,510	3,751	7,740	2,268	6,233	4,091	7,706	5,690
Uruguay	8,650	11,559	19,489	44,570	18,606	47,606	29,442	66,229	47,965	48,233	75,491	37,753	60,226	57,725	34,636	54,148
Argentina	83,141	78,149	56,162	161,402	29,092	176,978	38,719	168,698	191,144	194,380	679,851	154,637	380,866	179,765	129,149	97,509
Falkland Islands	4	6	132	507	123	245	99	512	6	3	95	[1]	20	[1]	23	----
Europe	1,332,708	627,085	5,673,543	287,826	9,363,897	289,295	5,514,814	409,450	4,122,358	804,326	5,187,322	820,036	4,279,188	1,121,123	4,114,532	925,358
Northwestern and Central Area	1,131,328	488,313	3,461,935	191,365	5,382,142	149,284	2,100,301	262,631	2,794,325	516,713	4,025,099	581,481	3,366,918	817,338	3,269,519	709,036
Iceland	621	1,478	15,016	4,182	19,698	4,020	20,025	4,638	11,631	5,958	15,749	3,094	10,238	3,982	8,389	2,217
Sweden	61,722	42,312	19,511	10,418	13,112	673	45,904	46,210	206,428	47,101	397,612	92,622	118,027	91,300	85,431	54,550
Norway	21,419	18,576	3,862	2,292	244	2,129	19,025	1,273	80,884	13,235	146,958	22,109	84,617	33,487	90,540	31,483
Denmark Faroe Islands	17,089	3,585	1,057	76	----	5	5,229	250	37,932	4,276	77,932	5,133	53,800	5,951	93,263	6,467
United Kingdom	602,744	165,156	3,221,368	110,031	4,242,621	84,480	2,192,788	89,544	855,205	158,140	1,103,243	204,903	644,104	289,520	700,435	226,804
Ireland (Eire)	12,986	1,630	7,309	1,740	8,877	1,135	10,234	1,420	28,177	2,213	88,819	2,785	36,983	2,664	62,655	1,657
Netherlands	74,990	34,441	16,431	1,229	----	116	82,152	5,360	236,859	22,942	383,733	26,477	309,648	43,571	283,837	59,175
Belgium and Luxembourg	64,135	53,638	27,032	5,644	----	158	135,160	15,503	278,115	77,306	534,606	58,619	308,616	103,555	306,835	94,640
France	172,433	58,766	98,670	4,015	17,897	406	472,014	13,289	709,147	62,807	817,154	47,013	591,198	73,093	497,206	61,236
Germany [6]	76,412	58,912	451	1,072	(1)	70	2,205	1,104	82,776	3,158	128,328	6,254	862,719	31,725	820,301	45,467
Austria [6]	[7] 2,133	[7] 3,712	(1)	6	----	----	2	30	45,795	1,494	74,640	4,380	145,894	8,970	150,910	9,636
Czecho-Slovakia [6]	9,635	18,186	10,390	105	----	3	51,951	499	106,748	19,160	49,094	23,210	21,563	22,125	21,767	20,869
Hungary [6]	2,051	3,723	24	35	----	----	115	19	6,422	328	12,859	1,501	8,029	1,613	5,348	1,757
Switzerland	13,811	25,684	40,813	50,521	79,693	56,089	63,496	83,494	108,205	98,597	194,371	83,380	171,483	105,781	142,603	93,079

[1] Less than $500. ⊙ [2] Canal Zone included for 1936 and 1937. ⊙ [3] Average for 1938–40. ⊙ [4] Bahamas, Leeward and Windward Islands combined as Other British West Indies prior to 1942; average for 1941–45 shown under Other British West Indies. ⊙ [5] Average for 1942–45. ⊙ [6] For statistical purposes, trade with Germany was defined to include (as far as ascertainable) trade with areas under de facto administrative control of Germany from the following dates to the close of World War II; Austria, May 6, 1938; Sudeten area of Czecho-Slovakia, Nov. 10, 1938; other Czecho-Slovak provinces (Bohemia, Moravia, and part of Slovakia), Mar. 18, 1939; Memel territory of Lithuania, Mar. 25, 1939; and, Danzig and German-occupied Poland, Nov. 16, 1939. Similarly, trade with that area of Czecho-Slovakia occupied by Hungary was defined to be trade with Hungary for those portions of Ruthenia and parts of Slovakia occupied Dec. 30, 1938, and Mar. 19, 1939, respectively. Trade with Czecho-Slovak area occupied by Poland was included with the Polish trade from Dec. 30, 1938, to Nov. 16, 1939. Though country classifications used in this table do not recognize de facto boundaries existing in certain geographic areas after World War II, statistics are primarily in terms of this situation. For example, certain shipments credited to U. S. S. R. should probably be credited to Estonia, Latvia, Russian-occupied Poland, etc., but when the country of ultimate destination or origin of merchandise in terms of prewar boundaries is not readily ascertainable, the de facto situation is reflected in the statistics. ⊙ [7] Average for 1936–38.

No. 1020.—Exports (Including Reexports) and General Imports of Merchandise, by Country of Destination and Origin: 1936 to 1949—Continued

[In thousands of dollars]

Area and country	1936–40, average		1941–45, average		1944		1945		1946		1947		1948		1949	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
Europe—Con.																
Northeastern Area	**92,111**	**53,394**	**1,986,157**	**38,888**	**3,473,257**	**49,654**	**1,921,977**	**58,722**	**572,879**	**112,986**	**316,097**	**118,245**	**120,140**	**127,062**	**56,444**	**69,899**
Finland	13,904	15,433	1,721	252	----------	2	891	4	31,073	12,163	59,299	39,808	36,463	38,973	26,273	27,416
Estonia[6]	1,182	923	----------	(1)	----------	----------	----------	(1)	2	4	8	(1)	7	(1)	17	(1)
Latvia[6]	1,234	753	7	1	----------	----------	3	----------	1	12	----------	----------	1	6	(1)	1
Lithuania[6]	398	717	2	7	----------	----------	11	----------	1	2	16	(1)	115	10	12	7
Poland and Danzig[6]	17,474	11,346	16,926	29	----------	4	84,622	1	183,263	258	107,705	1,335	55,675	1,249	23,524	3,335
Union of Soviet Socialist Republics (Russia)[6]	57,917	24,223	1,967,502	38,598	3,473,257	49,649	1,836,449	58,716	358,539	100,548	149,069	77,102	27,879	86,825	6,617	39,140
Southwestern Area	**92,657**	**60,017**	**178,831**	**54,364**	**486,568**	**89,272**	**301,488**	**84,542**	**476,612**	**142,094**	**627,014**	**92,826**	**535,679**	**150,907**	**576,311**	**113,563**
Azores[8]	----------	----------	[5]480	[5]256	625	323	339	324	496	887	3,080	909	1,200	511	921	474
Azores and Madeira Islands[8]	331	656	972	3,397	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Spain	18,718	13,251	22,402	29,643	25,817	49,615	40,759	57,417	42,772	48,327	32,651	26,857	26,471	34,833	50,407	24,305
Portugal	12,534	7,450	13,624	21,850	12,282	35,885	23,263	21,182	59,939	23,266	94,499	20,971	76,157	19,979	52,416	13,614
Gibraltar	255	4	1,890	3	761	6	1,060	1	89	20	1,533	28	236	77	733	7
Malta, Gozo, and Cyprus[9]	----------	----------	4,691	633	----------	----------	5,379	416	2,295	678	4,402	303	2,193	1,477	1,877	3,930
Italy[10 11]	60,819	38,655	135,821	1,815	433,192	3,396	230,687	5,203	369,768	68,916	490,759	43,758	417,905	94,024	458,060	71,216
Free Territory of Trieste[11]	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	11,517	5	11,897	17
Aegean Islands[10]	----------	----------	----------	----------	----------	----------	----------	----------	1,254	----------	90	----------	----------	----------	----------	----------
Malta and Gozo[9]	----------	----------	[12]5,781	[12]24	13,890	48	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Southeastern Area	**16,612**	**25,360**	**46,620**	**3,210**	**21,931**	**1,085**	**191,049**	**3,554**	**278,541**	**32,533**	**219,112**	**27,485**	**256,452**	**25,816**	**212,258**	**32,859**
Yugoslavia	2,628	4,234	18,223	258	----------	----------	90,563	192	126,614	1,225	31,490	5,760	8,017	5,025	20,899	14,888
Albania	153	133	1,384	----------	----------	----------	6,911	----------	4,324	5	4,556	8	344	----------	127	----------
Greece[10]	7,241	15,619	26,790	2,026	21,536	6	93,198	346	143,645	23,659	166,517	16,631	238,462	19,480	186,634	15,723
Rumania	5,545	2,671	(1)	12	----------	3	2	6	2,028	56	15,079	435	7,542	480	3,209	584
Bulgaria	508	1,816	76	913	----------	----------	375	3,010	1,930	7,588	1,471	4,651	2,086	831	1,389	1,664
Cyprus[9]	----------	----------	[13]211	[13]727	394	1,075	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------
Malta, Gozo, and Cyprus[9]	536	887	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

Asia	535,283	784,989	799,063	478,314	995,782	321,940	849,252	407,315	1,326,870	886,946	1,917,504	1,055,195	2,129,566	1,346,073	2,218,215	1,241,183
Western Area	28,841	31,172	118,098	77,175	92,427	98,423	106,213	152,359	131,132	184,737	303,787	107,287	358,557	169,106	470,421	170,356
Turkey	10,189	16,070	27,456	36,374	11,544	51,078	15,608	69,960	36,686	68,366	82,153	57,225	100,886	49,977	120,386	55,698
Syria [13]	2,297	3,022	2,895	1,557	2,315	1,619	8,523	2,044	17,115	8,497	43,151	7,777	6,971	4,586	4,901	3,811
Lebanon [13]													27,106	5,483	41,121	2,077
Iraq	2,823	5,355	40,044	5,505	16,480	3,552	10,960	10,469	6,723	14,019	14,210	5,162	11,506	10,493	13,149	5,653
Iran (Persia)	6,113	5,190	24,672	10,097	18,848	11,027	28,107	17,556	21,851	31,252	33,988	23,400	43,650	26,692	79,428	16,400
Palestine and Trans-Jordan [14]	4,282	389	9,246	8,299	13,857	9,553	14,033	18,156	18,618	22,865	31,689	5,105				
Palestine [14]													29,166	5,194	78,996	5,986
Trans-Jordan [14]													2,640		2,099	1
Arabia Peninsula States [15 16]	2,879	640			15,949	774										
Kuwait [16]			7,674	790			834	3	2,473	75	11,830	319	33,268	12,599	22,535	38,850
Saudi Arabia [16]							18,731	106	19,193	1,793	67,492	2,481	83,974	16,150	84,808	20,080
Arabia Peninsula States, n. e. s. [16]							50	527	928	1,259	675	2,101	339	1,659	680	1,653
Aden [15]	258	507	805	55	636	81	2,050	60	690	52	2,761	33	769	187	650	61
State of Bahrein [17]			[5] 6,267	[5] 29	12,383	31	6,475	66	2,915	781	9,143	756	13,968	1,601	19,137	357
Afghanistan [17]			[5] 367	[5] 18,096	416	20,709	843	33,412	3,940	35,778	6,696	2,928	4,314	34,486	2,532	19,729
Southern and Southeastern Area	185,520	505,212	583,836	358,040	851,584	212,374	631,977	248,774	581,639	526,810	1,100,088	790,947	1,012,658	986,181	971,010	874,390
India [18 19 20]	43,047	78,648	457,151	132,107	777,279	144,926	478,656	173,128	181,093	237,834	401,068	253,763	298,216	265,250	253,127	238,745
Pakistan [20]													16,994	26,129	45,552	27,697
Ceylon	1,584	20,305	39,636	45,443	74,221	65,004	87,096	66,942	10,180	31,942	46,698	29,762	19,374	52,812	18,671	34,809
Burma [19]	[3] 4,812	[3] 835	4,322	596		4	503	3	2,546	1,074	5,590	370	4,525	1,701	1,921	1,184
Siam (Thailand)	4,658	591	1,585	433		(1)			7,559	7,403	13,330	19,404	16,380	52,508	31,571	48,080
French Indo-China and French India [19]	4,609	8,118	1,002	2,107	6	(1)	1,457	(1)	8,069	41,840	23,690	4,291	14,305	3,344	18,232	1,133
British Malaya	9,663	188,088	10,782	79,429		(1)	1,045	5,724	14,603	129,079	65,752	284,112	81,998	269,244	37,627	195,602
Indonesia	31,104	103,158	38,916	68,356		2,058	20,849	2,017	57,966	37,292	103,591	37,243	92,273	86,557	124,311	120,370
Philippine Islands	85,020	100,716	30,203	21,852		(1)	42,141	791	297,439	39,912	439,519	161,725	467,777	228,112	439,108	206,259
Portuguese Asia [21]			[5] 88	[5] 179			225	170	2,165	435	827	277	768	524	866	510
Southern and southeastern Asia, n. e. s. [17 21]	2,947	5,086			78	382	5		20		24		49		25	
Eastern Area	320,922	248,604	97,129	43,099	51,770	11,143	111,062	6,182	614,098	175,399	513,629	156,961	758,351	190,786	776,783	196,437
China [22]	52,965	75,975	77,525	26,512	51,770	11,122	107,636	6,046	464,846	92,729	353,498	116,705	273,398	120,343	82,622	106,426
Manchuria [22]								4	54	14	28	(1)	2		(1)	772
Korea [22]									266	35	1,235	2,167	70,052	3,031	52,237	1,333
Hong Kong	17,122	5,577	6,642	629		5	2,792	(1)	46,654	1,481	89,479	2,401	84,198	3,565	121,300	4,279
Taiwan (Formosa) [23]									115	(1)	9,236	285	5,962	1,116	53,105	1,661
Kwantung	12,445	2,593	392	222			(1)		1		79					
Japan [23 24]	238,390	164,459	12,570	15,736		16	633	132	102,161	81,139	60,075	35,403	324,739	62,730	467,519	81,966

[1] Less than $500. ⊙[2] Average for 1938–40. ⊙[5] Average for 1942–45. ⊙[6] See footnote 6, p. 859. ⊙[8] Azores and Madeira Islands combined prior to 1942. Thereafter Azores shown separately and Madeira Islands transferred from southwestern Europe to Western Portuguese Africa; average 1941–45 shown under Azores and Madeira Islands. ⊙[9] Malta, Gozo, and Cyprus combined and included in Southeastern Area of Europe prior to 1942; Malta and Gozo combined and included in Southwestern Area of Europe and Cyprus shown separately in Southeastern Area of Europe in 1942–44; Malta, Gozo, and Cyprus combined and included in Southwestern Area of Europe in 1945–49. Average for 1941–45 shown for Malta, Gozo, and Cyprus under Southwestern Area of Europe. ⊙[10] Aegean Islands included with Italy prior to 1945; beginning with 1948, included with Greece. ⊙[11] Free Territory of Trieste included with Italy prior to 1948. ⊙[12] Average for 1942–44. ⊙[13] Lebanon included with Syria prior to 1948. ⊙[14] Palestine and Trans-Jordan combined prior to 1948. ⊙[15] Hadramut included with Arabia Peninsula States prior to 1942, thereafter included with Aden. ⊙[16] Kuwait, Saudi Arabia, and Arabia Peninsula States, n. e. s., included with Arabia Peninsula States prior to 1945. ⊙[17] State of Bahrein and Afghanistan included with Southern and Southeastern Asia, n. e. s., prior to 1942. ⊙[18] Burma included with India prior to 1938. ⊙[19] French India included with India prior to 1945. [20]⊙ Pakistan included with India prior to 1948. ⊙[21] Portuguese Asia included with Southern and Southeastern Asia, n. e. s., prior to 1945. ⊙[22] Manchuria included with China prior to 1945. ⊙[23] Korea and Formosa included with Japan prior to 1945. ⊙[24] Japanese Mandated Islands included with Japan prior to 1942.

No. 1020.—Exports (Including Reexports) and General Imports of Merchandise, by Country of Destination and Origin: 1936 to 1949—Continued

[In thousands of dollars]

Area and country	1936–40, average		1941–45, average		1944		1945		1946		1947		1948		1949	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
Australia and Oceania	89,150	36,372	363,562	187,281	410,484	130,305	353,569	170,935	116,671	182,574	320,324	155,761	152,772	163,673	194,519	125,333
Australia	67,604	23,140	299,092	153,643	335,782	97,869	309,764	126,050	83,550	144,647	235,631	125,337	114,289	129,261	142,351	97,636
New Guinea (Australian)					13,984	243	272	237	226	27	843	22	326	1,244	2,186	70
New Zealand	20,308	11,916	60,340	24,327	54,737	20,274	37,692	35,401	27,987	34,800	76,768	27,624	34,111	30,450	42,569	[1]24,374
New Hebrides [24 26]	602	367	1,055	3,105	1,367	4,846	185	1,210	139	78	259					
British Oceania [25 25]							984	1,592	819	773	1,481	130				
British Western Pacific Islands [26]													924	95	1,248	176
French Pacific Isls [27]	636	949	3,067	6,178	4,613	7,059	4,637	6,319	3,914	1,924	5,218	1,671	3,056	1,734	6,029	2,356
Japanese Mandated Islands [24 28]			[5] 9	[5] 35		15	35	126	35	325	124	978				
Western Pacific Isls [29]													66	889	135	720
Africa	132,068	81,220	842,499	217,524	861,404	222,312	523,671	297,015	488,819	306,317	821,471	327,335	784,672	393,703	615,670	337,747
Northern Area	20,837	13,168	602,969	17,836	629,576	15,674	304,709	17,642	149,004	31,136	172,914	37,353	120,552	44,767	133,106	23,302
Morocco [30]	3,273	1,413														
French Morocco [30]			[5] 30,096	[5] 1,876	44,708	1,443	28,402	1,751	31,298	1,692	36,139	2,687	28,212	6,691	30,565	5,793
Spanish Morocco [30]			[12] 269	[12] 58	280	77										
Tangier [30]			[5] 733	[5] 31	393		1,830	122	4,984	318	9,673	149	9,943	178	12,265	204
Algeria	2,104	2,185	90,746	1,644	79,746	2,404	91,512	2,032	61,323	1,722	47,656	1,823	37,132	3,757	26,269	4,061
Tunisia	1,164	989	5,602	161	10,847	500	16,391	208	15,263	619	15,890	272	7,258	726	9,447	1,328
Libya [31]			[5] 481	[5] 99	902	373	570	22	132	128	511	182	337	717	119	238
Egypt	14,297	8,583	476,087	12,368	491,044	9,943	164,794	11,234	35,274	24,046	60,114	28,082	36,352	30,070	52,881	9,732
Anglo-Egyptian Sudan			3,992	1,729	1,656	935	1,210	2,272	730	2,611	2,931	4,158	1,318	2,627	1,561	1,947
Western Area	16,666	33,058	67,845	80,495	61,107	93,000	59,676	118,268	72,716	90,761	149,886	146,400	117,403	173,808	161,418	142,503
Western Spanish Africa:																
Canary Islands	1,261	225	555	223	435	303	823	107	1,806	125	1,950	82	2,112	132	3,804	155
Rio de Oro and Spanish Guinea [30]			[12] 13		6											
Other Spanish Africa [30]	484	5	295	110												
Spanish Africa, n. e. s. [30]							422	364	851	156	2,084	738	1,269	2,202	972	57
Western French Africa:																
Cameroon [32]			[5] 1,648	[5] 670	1,660	1,100	1,542	631	4,583	1,733	6,768	660	5,944	1,282	6,168	33
French Equatorial Africa [32]			[5] 2,667	[5] 1,367	1,534	48	2,182	4,499	2,923	375	4,512	720	5,552	91	8,823	48
French West Africa [32]			[5] 11,184	[5] 1,267	10,736	871	18,963	4,076	18,847	1,927	29,563	2,457	18,378	8,610	21,965	2,343
Other French Africa, n. e. s. [33]	3,994	2,857														

Western British Africa:																
Gold Coast	3,425	13,309	17,405	13,758	7,434	17,682	4,262	21,718	3,751	23,300	10,510	52,166	6,293	74,426	6,781	50,607
Nigeria	2,616	7,376	8,076	8,645	7,880	11,595	6,726	13,455	6,407	12,116	21,787	31,386	9,542	31,073	6,903	30,566
St. Helena and Dependencies [33]					5	2										
Gambia and Sierra Leone [33]			5,176	994	5,687	1,508										
Other Brit. W. Africa [33]	364	616														
British West Africa, n. e. s. [33]							1,824	1,528	922	1,131	3,463	1,136	1,133	849	1,236	1,069
Western Portuguese Africa:																
Madeira Islands [8]			[5] 531	[5] 3,722	419	5,031	543	6,569	963	8,888	2,261	3,349	2,224	3,045	1,358	2,860
Cape Verde Islands [34]			[5] 164	[5] 9	227	10	193	1	347	1	1,061					
Angola [34]													7,416	5,231	8,799	7,288
Portuguese Guinea and Angola [34]			[5] 1,223	[5] 2,260	1,481	2,539	1,855	4,273	3,032	8,980	9,252	9,816				
Portuguese Guinea, n. e. s. [34]													934	800	618	358
Other Portuguese Africa [34]	1,208	543														
Liberia	904	1,558	2,899	7,336	3,788	8,576	2,554	11,470	4,493	12,875	6,689	11,350	7,583	13,054	45,602	10,913
Belgian Congo	2,411	6,569	19,259	41,879	19,814	43,736	17,787	49,577	23,791	19,155	49,985	32,539	49,024	33,013	48,387	36,205
Eastern Area	**12,665**	**7,992**	**24,781**	**20,218**	**29,890**	**19,203**	**22,075**	**32,432**	**28,587**	**27,810**	**64,508**	**28,661**	**45,822**	**27,705**	**44,882**	**40,370**
Eastern Italian Africa [31]	537	213	491	351	265	607	295	774	290	1,654	795	1,449	107	1,260	168	793
Ethiopia (Abyssinia)	102	399	472	726	849	724	1,502	1,077	712	3,470	8,085	5,583	4,677	7,187	3,718	8,330
French Somaliland [32]			[5] 28	[5] 1	21	(1)	90		182	(1)	727	9	563	94	509	68
British Somaliland			4	530		758	(1)	849	(1)	2,302	2	1,870	4	1,973	5	999
Seychelles and Dependencies	4,263	5,639	2	97	4	93	1	142	1	584	10	140	13	28	24	138
Mauritius and Dependencies			393	(1)	594	(1)	777	(1)	351	1	804	6	1,093	(1)	990	7
British East Africa [35]			19,209	11,538	24,211	10,470	11,584	14,895	10,859	9,604	29,069	9,372	14,607	11,396	16,757	21,302
Mozambique	7,348	101	2,349	2,177	1,415	2,722	3,259	3,373	8,062	2,000	18,173	1,576	17,783	3,009	16,808	5,424
Madagascar	415	1,640	1,837	4,496	2,532	3,828	4,567	11,321	8,129	8,196	6,844	8,655	6,975	2,758	5,903	3,307
Southern Area	**81,901**	**27,002**	**146,904**	**98,976**	**140,831**	**94,436**	**137,211**	**128,672**	**238,512**	**156,610**	**434,162**	**114,921**	**500,896**	**147,423**	**276,263**	**131,573**
Union of South Africa [36]	80,386	22,472	139,782	88,743	128,847	88,895	131,130	103,893	228,338	150,311	413,938	111,119	492,111	135,224	266,049	116,351
Northern Rhodesia [37]			[5] 1,504	[5] 4,307	2,108	5	1,275	17,223	721	2,151	1,813	318	2,657	6,265	3,341	9,569
Southern Rhodesia [37]			[5] 6,775	[5] 6,777	9,866	5,227	4,766	7,553	7,900	3,821	18,338	3,476	6,093	5,827	6,856	5,555
So. Brit. Africa [36 37]			[5] 22	[5] 80	9	309	40	3	1,554	27	73	8	35	106	17	98
Other Brit. So. Afr. [35 37]	1,515	4,530														

[1] Less than $500. ⊙[5] Average for 1942–45. ⊙[8] Azores and Madeira Islands combined prior to 1942. Thereafter, Azores shown separately and Madeira Islands transferred from southwestern Europe to Western Portuguese Africa, average for 1941–45 shown under Azores and Madeira Islands. ⊙[12] Average for 1942–44. ⊙[24] Japanese Mandated Islands included with Japan prior to 1942. ⊙[25] New Hebrides included with British Oceania prior to 1945. ⊙[26] New Hebrides and British Oceania combined in 1948 and designated British Western Pacific Islands. ⊙[27] Called French Oceania prior to 1945. ⊙[28] Japanese Mandated Islands redesignated Western Pacific Islands in 1948. ⊙[29] French Morocco and Tangier combined as Morocco prior to 1942. ⊙[30] Spanish Morocco, Rio de Oro, and Spanish Guinea known as Other Spanish Africa prior to 1942; beginning with 1945, combined as Spanish Africa, n. e. s. ⊙[31] Libya included with Eastern Italian Africa prior to 1942. ⊙[32] Cameroon, French Equatorial Africa, French West Africa, and French Somaliland known as Other French Africa, n. e. s. prior to 1942. ⊙[33] St. Helena and Dependencies, Gambia, and Sierra Leone known as Other British West Africa prior to 1942 and as British West Africa, n. e. s., beginning with 1945. ⊙[34] Cape Verde Islands, Portuguese Guinea, and Angola known as Other Portuguese Africa prior to 1942; beginning with 1948, Angola shown separately and Cape Verde Islands and Portuguese Guinea combined as Portuguese Guinea, n. e. s. ⊙[35] Nyasaland included with Other British South Africa prior to 1942 and with British East Africa thereafter. ⊙[36] Basutoland and Swaziland included with Union of South Africa, prior to 1942 and with Southern British Africa thereafter. ⊙[37] Northern Rhodesia, Southern Rhodesia, and Southern British Africa known as Other British South Africa prior to 1942.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1021.—Exports (Including Reexports) and Imports of Merchandise, 1946, 1947, and 1948, and Duties Collected, 1948, by Customs Districts

[In thousands of dollars]

Customs district	Exports, domestic and foreign			Imports for consumption			Duties collected, 1948 [1]
	1946	1947	1948	1946	1947	1948	
Total	9,738,321	14,429,747	[2] 12,653,058	4,824,902	5,666,321	7,092,032	418,655
Maine and New Hampshire	34,010	33,973	27,622	47,221	56,507	70,956	2,041
Vermont	97,363	144,208	101,186	82,894	105,597	141,275	3,728
Massachusetts	66,062	82,722	[3]	307,549	362,367	422,735	57,419
Rhode Island	10,365	1,823	[3]	24,640	25,583	32,018	4,753
Connecticut	213	1,576	[3]	5,186	15,637	13,484	1,133
St. Lawrence	179,665	238,871	202,923	111,910	140 839	175,601	4,397
Rochester	22,401	32,019	32,988	6,717	8,083	10,425	842
Buffalo	318,789	441,065	386,803	153,170	167,135	236,338	7,814
New York	4,016,164	6,030,822	[3]	2,291,371	2,321,584	2,818,212	179,507
Philadelphia	306,550	489,187	[3]	255,892	380,670	487,297	28,299
Pittsburgh	22	203	13	12,564	15,118	15,194	2,943
Maryland	344,561	528,053	[3]	147,527	209,579	241,697	10,228
Virginia	468,079	592,670	[3]	50,739	81,304	105,483	9,488
North Carolina	45,848	8,339	[3]	36,326	38,586	39,098	11,970
South Carolina	20,409	41,223	[3]	7,431	7,871	17,154	1,082
Georgia	94,834	63,525	[3]	21,720	46,636	46,275	3,712
Florida	173,727	206,363	[3]	74,531	76,130	84,252	4,954
Mobile	108,292	104,722	[3]	20,158	22,676	33,149	1,078
New Orleans	568,845	919,207	[3]	228,041	356,568	424,401	13,610
Sabine	110,536	171,033	[3]	1,198	2,912	9,697	358
Galveston	729,837	834,097	[3]	83,096	111,422	173,806	3,933
Laredo	331,162	397,162	324,665	55,037	49,459	54,246	3,030
El Paso	40,531	44,382	35,641	24,311	16,915	15,335	631
San Diego	24,417	34,478	34,405	11,012	8,837	13,473	576
Arizona	33,228	41,292	30,739	23,784	36,091	44,013	3,313
Los Angeles	113,365	258,560	[3]	66,814	112,160	144,775	5,375
San Francisco	297,117	397,459	[3]	102,651	174,575	184,104	6,777
Oregon	109,832	156,135	[3]	11,338	19,351	18,077	1,116
Washington	136,291	224,651	185,583	65,786	101,132	146,713	3,911
Alaska	1,055	1,908	2,409	571	502	2,779	69
Hawaii	6,705	8,080	6,705	9,234	9,216	12,726	1,318
Montana and Idaho	16,825	26,478	31,042	6,558	8,424	16,442	441
Dakota	98,955	147,561	129,808	58,593	83,212	132,185	3,580
Minnesota	70	466	2,877	2,675	3,136	23,108	1,994
Duluth and Superior	26,186	42,772	44,006	48,422	61,860	81,215	1,014
Wisconsin	735	6,490	8,329	12,697	14,304	20,056	808
Michigan	480,432	697,906	638,609	208,656	278,667	403,199	10,821
Chicago	16,110	28,031	31,341	66,670	55,574	70,351	8,544
Indiana	48	220	110	4,460	4,643	4,856	1,309
Ohio	89,708	112,349	144,768	31,050	30,801	40,418	6,780
Kentucky	6	4	2	2,027	1,305	2,298	651
Tennessee	1	14	4	3,135	1,717	2,031	697
St. Louis	15	75	27	11,455	16,674	16,204	2,503
Colorado	2	47	1	1,542	3,236	2,511	110
Puerto Rico	4,250	8,247	6,325	24,267	21,724	24,203	[4] 2,728
Virgin Islands [5]	458	852	560	1,817	1,987	1,800	[4] 52
Vessels under own power or afloat	105,262	613,913	248,282	2,276	----------	18,166	----------
Shipments valued under $100 [6]	19,483	59,475	88,444	----------	----------	----------	----------
Parcel Post	69,956	73,607	[3]	----------	----------	----------	----------
Shipments on vessels operated by U. S. Army or Navy	[7]	[7] 82,287	1,147,146	----------	----------	----------	----------

[1] As reported to Treasury Department by collectors of customs, subject in certain cases to subsequent refund as well as drawback. These figures are somewhat higher than duties as calculated on basis of imports for consumption, as shown in table 1023.

[2] Includes $8,760,255,000 covering districts for which data are not individually reported.

[3] Data not individually reported.

[4] Duties less cost of collection are turned into the Island's treasury; excluded from totals.

[5] Excluded from totals; not part of U. S. customs area, assessed under tariff law of Virgin Islands.

[6] For 1946, export shipments individually valued under $25, except shipments by air; for January 1947–July 1948, export shipments individually valued under $50, except shipments by air; after July 1948, export shipments individually valued under $100.

[7] Prior to July 1947, included with figures for individual customs districts; data for 1947 covers only the period of July through December.

Source: Department of Commerce, Bureau of the Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1022.—Exports (Including Reexports) and Imports of Merchandise, by Principal Customs Districts: 1860 to 1949

[**In thousands of dollars.** For basis of dollar values, except export figures for 1870–78, see general note, p. 827. Export figures for those years represent mixed gold and currency values. Figures cover fiscal years to and including 1915; thereafter, calendar years. Import data are "general imports" through 1933; "imports for consumption" thereafter. Areas of districts were rearranged July 1, 1913. Prior to that date some of the districts were more restricted. However, in most cases this change only slightly affects the comparability of the figures. Prior to 1914 the statistics given in the table for Buffalo include the (former) districts of Buffalo Creek and Niagara; those for Michigan include the (former) districts of Superior, Huron, and Detroit; and those for Massachusetts and Maryland were the former districts of Boston and Baltimore, respectively]

YEAR OR YEARLY AVERAGE	MASSACHUSETTS		NEW YORK		PHILADELPHIA		MARYLAND		GEORGIA	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
1860	12,748	39,334	80,048	231,310	5,527	14,612	8,940	9,781	18,352	782
1870	14,126	47,484	196,615	281,049	16,928	14,483	14,511	19,512	29,747	1,002
1871–1880	36,440	52,450	289,782	357,431	35,205	23,585	35,819	23,532	25,670	646
1881–1890	63,136	63,638	339,771	460,476	36,094	38,479	51,332	13,335	22,405	528
1891–1900	97,361	68,768	397,236	490,204	49,964	50,451	86,876	13,632	26,117	382
1901–1910	95,423	96,670	575,272	697,726	81,215	64,125	90,218	26,232	56,233	1,643
1911–1915	76,794	141,012	913,312	975,410	74,238	86,261	107,095	30,196	84,022	4,882
1915–1920 [1]	217,236	273,049	2,912,529	1,703,482	415,261	144,849	320,396	42,282	139,775	16,745
1921–1925	53,559	257,227	1,611,328	1,675,784	117,833	182,857	113,995	77,686	71,832	19,714
1926–1930	40,666	267,496	1,689,191	1,967,949	100,406	205,098	93,543	109,108	73,099	17,814
1931–1935	18,804	95,799	675,065	866,790	55,625	100,712	32,199	55,312	24,657	9,320
1936–1940	23,743	157,458	1,294,347	1,210,233	90,647	145,182	98,031	79,559	22,692	12,533
1941–1945	80,055	196,323	4,295,688	1,278,003	838,370	173,135	561,752	93,932	143,978	27,000
1940	28,419	163,511	1,944,885	1,241,828	114,993	135,869	167,512	94,767	14,068	9,712
1941	43,002	256,905	2,699,821	1,517,871	152,219	165,804	145,459	105,274	36,638	12,771
1942	129,370	191,723	3,804,147	970,856	567,983	109,662	266,344	62,125	15,707	8,854
1943	103,861	172,264	5,016,109	1,146,831	1,330,890	148,566	819,236	83,018	149,326	25,341
1944	55,508	152,451	5,938,435	1,276,909	1,450,661	205,122	1,078,725	101,338	366,526	37,146
1945	68,536	208,274	4,019,929	1,477,546	690,098	236,522	498,996	117,906	151,691	50,890
1946	66,062	307,549	4,016,164	2,291,371	306,550	255,892	344,561	147,527	94,834	21,720
1947	82,722	362,367	6,030,822	2,321,584	489,187	380,670	528,053	209,579	63,525	46,636
1948	[2]	422,735	[2]	2,818,212	[2]	487,297	[2]	241,697	[2]	46,275
1949	[2]	361,425	[2]	2,444,627	[2]	475,234	[2]	240,124	[2]	45,744

YEAR OR YEARLY AVERAGE	NEW ORLEANS		GALVESTON		BUFFALO		CHICAGO		MICHIGAN	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
1860	108,165	20,636	5,772	533	3,049	4,850	1,165	60	3,827	961
1870	107,587	14,377	14,874	509	353	9,275	2,613	736	3,116	1,736
1871–1880	84,785	13,245	15,491	1,384	659	6,562	4,221	693	8,115	2,728
1881–1890	86,612	11,185	19,665	1,323	448	9,115	2,618	7,489	14,817	5,256
1891–1900	96,730	16,208	51,070	1,081	9,875	6,550	3,925	14,395	21,374	5,845
1901–1910	150,173	37,080	150,182	3,386	39,122	10,514	4,804	21,458	50,891	10,700
1911–1915	179,038	78,668	241,254	7,611	82,712	24,321	10,341	32,000	102,360	20,967
1915–1920 [1]	428,107	149,070	346,984	15,930	198,686	88,161	21,379	40,117	294,375	61,893
1921–1925	391,342	167,731	523,904	30,066	162,606	77,517	27,681	46,066	211,729	76,859
1926–1930	363,633	201,668	548,254	31,598	209,103	136,663	11,865	48,914	292,545	93,297
1931–1935	141,711	84,747	256,703	15,581	70,602	52,785	4,288	28,959	113,055	47,588
1936–1940	197,285	111,548	250,814	27,650	113,001	78,792	18,758	41,357	183,157	72,532
1941–1945	304,441	240,841	210,506	60,932	288,584	210,270	12,296	42,200	578,857	201,393
1940	223,354	101,259	191,017	28,625	176,583	87,274	19,875	30,988	243,251	82,283
1941	179,001	141,253	83,119	49,436	234,194	117,720	10,704	32,142	394,496	104,472
1942	263,399	221,662	107,684	82,545	308,934	147,727	11,352	34,657	611,533	155,841
1943	398,206	258,906	180,898	40,866	334,878	294,225	8,629	34,021	629,848	223,487
1944	285,790	294,378	262,985	69,725	299,867	290,951	20,852	62,480	752,753	220,891
1945	395,809	288,004	417,846	62,089	265,046	200,726	9,942	47,314	505,655	302,274
1946	568,845	228,041	729,837	83,096	318,789	153,170	16,110	66,670	480,432	208,656
1947	919,207	356,568	834,097	111,422	441,065	167,135	28,031	55,574	697,906	278,667
1948	[2]	424,401	[2]	173,806	386,803	236,338	31,341	70,351	638,609	403,199
1949	[2]	417,206	[2]	201,493	389,703	231,147	42,461	82,240	688,866	394,978

[1] Period July 1, 1915, to Dec. 31, 1920.
[2] Customs district data not available.

No. 1022.—Exports (Including Reexports) and Imports of Merchandise, by Principal Customs Districts: 1860 to 1949—Continued

[In thousands of dollars]

YEAR OR YEARLY AVERAGE	SAN FRANCISCO		WASHINGTON		YEAR OR YEARLY AVERAGE	SAN FRANCISCO		WASHINGTON	
	Exports	Imports	Exports	Imports		Exports	Imports	Exports	Imports
1860	4,868	7,367	----	----	1936–1940	120,922	74,986	77,816	36,543
1870	13,992	15,983	428	35	1941–1945	328,645	83,972	214,188	78,802
1871–1880	23,597	27,629	493	32	1940	113,668	98,539	87,119	41,949
1881–1890	37,388	41,726	2,178	263	1941	145,203	113,218	58,802	58,573
1891–1900	34,486	42,000	9,788	3,734	1942	303,600	98,074	90,626	56,361
1901–1910	35,255	43,707	34,638	16,658	1943	677,022	88,038	388,208	71,329
1911–1915	60,154	63,760	57,711	50,200	1944	304,255	64,476	310,879	115,072
1915–1920 [1]	186,317	197,613	222,702	206,862	1945	213,143	56,052	222,427	92,677
1921–1925	158,275	155,500	110,361	214,213	1946	297,117	102,651	136,291	65,786
1926–1930	183,236	195,331	136,886	212,134	1947	307,459	174,575	224,651	101,132
1931–1935	95,950	65,233	48,974	35,216	1948	[2]	184,104	185,583	146,713
					1949	[2]	211,437	149,330	140,951

[1] Period July 1, 1915, to Dec. 31, 1920.

[2] Customs district data not available.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1023.—Imports Entered for Consumption and Duties Thereon: 1821 to 1949

[For basis of dollar values, see general note, p. 827. From 1821 to 1866, inclusive, figures of import values represent total imports less reexports, and for 1867 and later years imports entered for consumption. "Ratio of duties to total" is based upon values of imports shown in table. Figures cover fiscal years ending Sept. 30, 1821 to 1842, and June 30, 1843 to 1915; calendar years thereafter. See also *Historical Statistics*, series M 68–74]

YEARLY AVERAGE OR YEAR	VALUES				Duties calculated	RATIO OF DUTIES TO TOTAL		Amount duties per capita
	Total	Free	Dutiable	Percent free		Free and dutiable	Dutiable	
	1,000 dollars	*1,000 dollars*	*1,000 dollars*		*1,000 dollars*	*Percent*	*Percent*	*Dollars*
1821–1830	56,749	3,325	53,424	5.86	26,282	46.31	49.20	2.32
1831–1840	104,139	39,680	64,459	38.10	24,509	23.53	38.02	1.63
1841–1850	110,561	20,347	90,214	18.40	26,738	24.18	29.64	1.32
1851–1860	267,871	40,685	227,186	15.19	54,511	20.35	23.99	1.99
1861–1870	315,637	35,676	279,961	11.30	120,042	38.03	42.88	3.32
1871–1880	522,653	133,480	389,173	25.54	163,201	31.23	41.94	3.58
1881–1890	682,681	220,986	461,695	32.37	205,580	30.11	44.53	3.59
1891–1900	749,584	371,837	377,747	49.61	177,580	23.69	47.01	2.53
1901–1910	1,142,514	522,123	620,391	45.70	280,955	24.59	45.29	3.32
1911–1915	1,698,028	966,141	731,887	56.89	283,408	16.69	38.72	2.91
1915–1920 [1]	3,289,748	2,262,412	1,027,336	68.77	227,035	6.90	22.10	2.17
1921–1925	3,422,748	2,088,932	1,333,816	61.03	478,911	13.99	35.90	4.22
1926–1930	4,020,350	2,645,610	1,374,740	65.81	550,743	13.70	40.06	4.52
1931–1935	1,704,294	1,075,585	628,709	63.11	314,477	18.45	50.02	2.46
1936–1940	2,440,042	1,475,825	964,217	60.48	365,151	14.96	37.87	2.76
1941–1945	3,475,593	2,293,945	1,181,648	66.00	379,704	10.92	32.13	[2] 2.73
1940	2,540,656	1,648,965	891,691	64.90	317,711	12.51	35.63	[2] 2.36
1941	3,221,954	2,030,919	1,191,035	63.03	437,750	13.59	36.75	[2] 3.23
1942	2,780,317	1,778,623	1,001,693	63.97	320,117	11.51	31.96	[2] 2 33
1943	3,390,101	2,192,852	1,197,249	64.68	392,540	11.57	32 79	[2] 2 82
1944	3,887,490	2,717,986	1,169,504	69.92	367,286	9.45	31.41	[2] 2 60
1945	4,098,101	2,749,345	1,348,756	67 09	380,827	9.29	28.24	[2] 2 67
1946	4,824,902	2,934,955	1,889,946	60.83	477,854	9 90	25.28	[2] 3 32
1947	5,666,321	3,454,647	2,211,674	60.97	[3]	[3]	[3]	[3]
1948	7,092,032	4,174,523	2,917,509	58.86	[3]	[3]	[3]	[3]
1949	6,598,058	3,886,254	2,711,805	58.90	[3]	[3]	[3]	[3]

[1] Period July 1, 1915, to Dec. 31, 1920.
[2] Based on estimated population including armed forces overseas.
[3] Not available.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1024.—Imported Dutiable Merchandise Entered for Consumption—Values, Calculated Duties, and Average Rate of Duty, by Tariff Schedules: 1930 to 1947

[**All figures except percentages in thousands of dollars** (for basis of dollar values, see general note, p. 827). Includes articles on which countervailing and antidumping duties are assessed. Free list commodities taxable under revenue acts excluded from various schedules since 1931. Percents represent average ad valorem rate or ratio of duties to values of dutiable merchandise]

YEAR	Values	Duties	Percent	Values	Duties	Percent	Values	Duties	Percent
	Schedule 1.—Chemicals, oils, and paints			Schedule 2.—Earths, earthenware, and glassware			Schedule 3.—Metals, and manufactures of		
1930	73,337	25,859	35.26	41,646	20,524	49.28	97,214	36,367	37.41
1931	52,913	20,279	38.33	25,694	13,421	52.23	58,518	23,062	39.41
1932	36,437	16,041	44.02	15,285	8,326	54.47	32,810	12,355	37.66
1933	42,296	18,286	43.23	16,444	9,012	54.80	45,116	17,081	37.86
1934	45,438	17,375	38.24	19,195	10,675	55.61	57,802	20,284	35.09
1935	66,105	28,205	42.67	22,853	11,636	50.92	78,013	26,305	34.27
1936	69,317	25,349	36.57	28,104	13,620	48.46	94,776	29,496	31.12
1937	83,316	29,265	35.13	36,954	18,067	48.89	114,020	37,135	32.57
1938	51,958	19,417	37.37	24,693	11,049	44.75	68,172	21,493	31.53
1939	56,586	19,634	34.70	25,369	10,794	42.55	89,728	25,749	28.70
1940	41,204	12,356	29.99	22,336	8,806	39.43	102,303	31,161	30.46
1941	48,695	13,291	27.29	25,857	7,742	29.94	126,095	43,435	34.45
1942	47,203	10,621	22.50	19,031	4,786	25.15	102,300	28,040	27.41
1943	41,480	7,634	18.40	18,399	4,071	22.13	120,054	31,434	26.18
1944	54,122	8,037	14.85	10,764	3,103	28.83	117,660	28,919	24.58
1945	71,859	10,051	13.99	14,760	3,884	26.31	150,019	38,496	25.66
1946	90,198	13,622	15.10	30,941	9,546	30.85	197,984	50,628	25.57
1947	119,282	16,578	13.90	44,308	13,643	30.79	246,376	51,079	20.73
	Schedule 4.—Wood, and manufactures of			Schedule 5.—Sugar, molasses, and manufactures of			Schedule 6.—Tobacco, and manufactures of		
1930	17,140	3,557	20.75	116,844	116,809	99 97	56,152	40,141	71.49
1931	12,749	2,389	18 74	74,819	99,631	133.16	43,201	32,310	74.79
1932	7,128	1,655	23.22	45,762	76,061	166.21	27,314	22,481	82.31
1933	14,191	3,026	21.32	44,540	67,408	151.34	24,754	21,542	87.02
1934	9,904	2,270	22.92	64,945	43,706	67.30	25,235	22,486	89.11
1935	12,657	2,923	23.09	94,953	39,985	42.11	25,974	21,958	84.54
1936	16,975	2,782	16.39	113,423	40,578	35.78	29,931	25,231	84.30
1937	19,861	3,188	16.05	126,645	45,371	35.83	31,776	24,213	76.20
1938	13,503	2,156	15.97	95,486	45,506	47.66	35,803	24,408	68.17
1939	17,002	2,096	12.33	90,543	46,218	51.05	35,999	23,927	66.47
1940	17,461	1,723	9.87	87,780	42,826	48.79	36,685	22,173	60.44
1941	36,039	2,536	7.04	145,375	63,586	43.74	38,026	23,017	60.53
1942	46,185	2,413	5.22	134,811	36,056	26.75	37,779	22,505	59.57
1943	27,852	1,642	5.90	194,349	55,730	28.68	43,209	23,044	53.33
1944	37,299	2,297	6.16	101,071	29,096	28.79	65,930	24,882	37.74
1945	44,563	2,867	6.43	35,418	10,430	29.45	82,278	28,253	34.34
1946	54,610	4,191	7.67	42,524	10,167	23.91	89,337	24,916	27.89
1947	42,112	3,073	7.30	436,404	67,280	15.42	92,367	25,757	27.89
	Schedule 7.—Agricultural products and provisions			Schedule 8.—Spirits, wines, and other beverages			Schedule 9.—Cotton manufactures		
1930	213,035	59,595	27.97	1,363	430	31.55	33,282	13,457	40.43
1931	134,337	56,613	42.14	1,273	376	29.54	28,653	13,595	47.45
1932	90,666	43,418	47.89	1,149	418	36.38	19,249	9,168	47.63
1933	103,941	46,189	44.44	9,179	7,414	80.77	22,660	10,845	47.86
1934	138,787	53,269	38.38	50,202	42,471	84.60	23,892	10,814	45.26
1935	219,133	87,559	39.96	42,384	39,326	92.79	27,136	10,852	39.99
1936	247,153	90,559	36.64	77,169	43,954	56.96	35,087	14,008	39.92
1937	310,156	106,775	34.43	74,973	46,093	61.48	44,052	17,155	38.94
1938	147,857	51,058	34.53	59,460	34,498	58.02	24,288	9,439	38.86
1939	173,808	56,419	32.46	59,076	34,206	57.90	27,284	9,841	36.07
1940	147,228	46,083	31.30	53,809	32,753	60.87	20,106	7,050	35.06
1941	173,113	56,818	32.82	49,635	30,186	60.82	15,003	5,002	33.34
1942	178,729	41,368	23.15	56,695	28,811	50.82	8,270	2,548	30.81
1943	248,557	40,526	16.30	83,094	61,563	74.09	8,946	2,707	30.26
1944	266,284	37,584	14.11	115,304	85,671	74.30	6,709	1,900	28.32
1945	314,005	42,542	13.55	67,923	45,340	66.75	26,066	4,533	17.39
1946	354,680	43,405	12.24	95,150	50,520	53.10	23,451	5,453	23.25
1947	311,800	36,347	11.66	67,305	31,718	47.13	15,986	4,921	30.78

No. **1024.**—Imported Dutiable Merchandise Entered for Consumption—Values, Calculated Duties, and Average Rate of Duty, by Tariff Schedules: 1930 to 1947—Continued

[All figures except percentages in thousands of dollars]

Year	Values	Duties	Percent	Values	Duties	Percent	Values	Duties	Percent	Values	Duties	Percent
	Schedule 10.—Flax, hemp, and jute, and manufactures of			Schedule 11.—Wool, and manufactures of			Schedule 12.—Silks, and manufactures of			Schedule 13.—Rayon and other synthetic textiles, and manufactures of		
1930	95,570	20,571	21.52	70,357	40,877	58.10	20,620	11,854	57.49	2,453	1,564	63.76
1931	57,780	15,927	27.56	32,339	24,483	75.71	13,531	7,950	58.75	3,718	2,363	63.56
1932	37,473	11,652	31.09	15,771	13,270	84.14	4,698	2,774	59 05	2,049	1,247	60 86
1933	47,129	12,959	27.50	22,660	20,539	90.64	5,362	2,969	55.37	3,008	1,680	55 85
1934	53,547	13,271	24.78	21,648	17,187	79.39	4,624	2,586	55.93	1,096	794	72.45
1935	62,430	15,083	24.16	28,857	23,510	81.47	6,039	3,557	58.90	1,730	831	48 03
1936	68,147	16,819	24.68	59,298	44,687	75.36	6,833	3,810	55.76	5,209	2,197	42.18
1937	77,656	19,029	24.50	82,560	51,617	62.52	8,736	4,756	54.44	7,499	3,240	43 21
1938	49,402	12,092	24.48	27,418	18,531	67.59	6,185	3,327	53.79	6,041	2,274	37 64
1939	54,765	10,829	19.77	49,271	33,624	68 24	5,286	2,776	52.52	10,210	3,090	30.26
1940	68,033	10,255	15.07	77,829	51,601	66 30	4,074	2,148	52 72	3,898	1,260	32.32
1941	69,846	9,526	13.64	185,672	123,118	66.31	2,829	1,457	51.50	2,550	753	29.53
1942	52,309	6,639	12.69	178,771	112,973	63.19	855	411	48.07	202	81	40.10
1943	40,635	4,857	11.95	218,316	134,360	61.54	438	209	47.72	219	113	51.60
1944	10,047	2,252	22.41	179,016	114,379	63.89	598	307	51.34	362	198	54.70
1945	17,863	3,982	22.29	229,513	144,039	62.76	1,928	927	48.08	2,529	1,252	49.51
1946	106,202	15,394	14.50	276,042	167,759	60.77	5,159	2,459	47.66	15,819	5,341	33.76
1947	149,880	13,878	9.26	199,090	95,072	47.75	10,930	5,272	48.23	15,686	4,623	29.47

Year	Schedule 14.—Pulp, paper, and books			Schedule 15.—Sundries			Free-list commodities taxable under Revenue Act of 1932 and subsequent acts,[1] dutiable under section 466, Tariff Act of 1930, etc.		
1930	19,428	5,024	25.86	174,340	65,170	37.38	173	86	49.71
1931	12,927	3,361	26.00	143,947	54,846	38.10	363	165	45.45
1932	8,187	2,183	26.66	80,757	33,453	41.42	14,823	5,098	34.39
1933	8,497	2,221	26.14	92,172	32,318	35.06	27,518	10,191	37.03
1934	9,482	2,346	24.74	85,185	31,647	37.15	33,862	9,987	29.49
1935	11,118	2,697	24.26	111,030	36,172	32.58	32,011	10,008	31.26
1936	13,201	3,029	22.95	136,546	41,545	30.43	37,049	10,396	28.06
1937	15,113	3,324	21.99	166,064	49,246	29.13	41,153	12,033	29.24
1938	11,970	2,531	21.14	110,444	33,959	30.75	33,285	9,636	28.95
1939	11,461	2,152	18.78	133,270	35,245	26.45	38,394	11,753	30.61
1940	7,550	1,278	16.93	114,957	29,558	25.71	86,582	17,235	19.91
1941	13,641	2,791	20.46	132,757	25,438	19.16	126,091	29,901	23.71
1942	9,534	1,643	17.23	96,819	13,411	13.85	40,185	6,183	15.39
1943	7,432	1,029	13.85	115,815	17,457	15.07	38,505	5,163	13.41
1944	7,711	1,038	13.46	118,006	21,069	17.85	73,677	7,502	10.18
1945	8,773	1,260	14.36	170,234	33,008	19.39	112,430	11,347	10.09
1946	15,692	1,980	12 62	334,444	60,854	18 20	156,996	16,626	10.59
1947	23,304	3,186	13.67	207,728	39,468	19.00	231,207	15,784	6.83

[1] Taxes collected on dutiable commodities under revenue acts and Sugar Act of 1937 are included in appropriate schedules.

Source: Treasury Department, Bureau of Customs; Annual Report of the Secretary.

No. 1025.—Imports of Merchandise, Free and Dutiable, and Percent Free, by Economic Classes: 1821 to 1949

[**In thousands of dollars.** For basis of dollar values, see general note, p. 827. Figures cover fiscal years ending Sept. 30, 1821 to 1840, and June 30, 1850 to 1915; calendar years thereafter, except as noted. Data are "general imports" through 1933; "imports for consumption" beginning 1934. Percentage free in general imports is normally slightly lower than in imports for consumption because relatively more of dutiable general imports are reported as reexported than of free general imports. Moreover, in the period 1922–1933, there is an understatement of free goods in general imports because, for 1922 to 1933, carpet wool used for making carpets and, for 1922 to 1928, wheat imported for milling in bond for exports were reported as dutiable when entered, although no duty was ultimately paid on these products. For adjusted figures see table 492 of 1935 issue of *Statistical Abstract*. See also *Historical Statistics*, series M 75–86]

YEAR OR YEARLY AVERAGE	TOTAL			CRUDE MATERIALS			CRUDE FOODSTUFFS AND FOOD ANIMALS		
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	Free	Dutiable	Percent free
1821	2,018	52,504	3.7	1,475	1,066	58.1	----------	6,082	----------
1830	4,590	58,131	7.3	3,348	1,450	69.8	----------	7,382	----------
1840	48,314	49,946	49.2	9,780	2,360	80.6	15,214	60	99.6
1850	18,082	155,428	10.4	602	11,954	4.8	15,803	2,208	87.7
1851-1860	44,730	239,745	15.7	6,455	20,938	23.6	30,165	3,121	90.6
1861-1870	38,388	293,479	11.6	10,335	31,605	24.6	10,904	34,358	24.1
1871-1880	129,985	405,237	24.3	54,492	37,775	59.1	59,916	25,615	70.1
1881-1890	223,628	468,559	32.3	98,173	49,680	66.4	83,274	22,980	78.4
1891-1900	372,244	391,084	48.8	160,631	41,239	79.6	106,584	22,593	82.5
1901-1910	520,831	637,670	45.0	295,690	98,969	74.9	109,577	27,098	80.2
1911-1915	961,439	750,880	56.1	491,948	105,753	82.3	181,170	37,865	82.7
1915-1920 [1]	2,258,608	1,099,747	67.3	1,195,593	152,074	88.7	349,926	58,226	85.7
1921-1925	2,060,303	1,389,800	59.7	1,036,581	253,794	80.3	302,242	80,297	79.0
1926-1930	2,597,197	1,436,271	64.4	1,228,971	255,152	82.8	407,540	99,075	80.4
1931-1935	1,067,145	640,430	62.4	380,639	111,703	77.4	220,717	44,532	83.2
1936-1940	1,475,825	964,217	60.5	627,289	179,946	77.7	238,355	81,247	74.6
1941-1945	2,293,945	1,181,648	66.0	777,319	369,839	67.8	434,555	134,158	76.4
1941	2,030,919	1,191,035	63.0	998,216	378,224	72.5	299,095	77,084	79.5
1942	1,778,623	1,001,693	64.0	731,316	329,397	69.0	276,127	72,450	79.2
1943	2,192,852	1,197,249	64.7	683,836	353,550	66.0	437,939	146,288	75.0
1944	2,717,986	1,169,504	69.9	727,410	350,763	67.5	658,129	183,219	78.2
1945	2,749,345	1,348,756	67.1	745,819	437,262	63.0	501,485	191,751	72.3
1946	2,934,955	1,889,946	60.8	1,166,749	562,325	67.8	652,307	162,095	80.1
1947	3,454,647	2,211,674	61.0	1,181,334	584,826	66.9	878,625	138,150	86.4
1948	4,174,523	2,917,509	58.9	1,358,492	788,515	63.3	1,039,523	232,088	81.7
1949	3,886,254	2,711,805	58.9	1,127,864	727,282	60.8	1,097,370	235,831	82.3

YEAR OR YEARLY AVERAGE	MANUFACTURED FOODSTUFFS [2]			SEMIMANUFACTURES			FINISHED MANUFACTURES		
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	Free	Dutiable	Percent free
1821	----------	10,821	----------	488	3,591	12.0	55	30,944	0.2
1830	----------	9,654	----------	1,211	3,942	23.5	31	35,703	.1
1840	1,021	14,168	6.7	4,962	6,394	43.7	17,337	26,963	39.1
1850	----------	21,466	----------	764	25,399	2.9	911	94,401	1.0
1851-1860	2,426	41,477	5.5	3,419	32,140	9.6	2,265	142,067	1.6
1861-1870	3,259	59,738	5.2	7,351	38,337	16.1	6,540	129,442	4.8
1871-1880	1,808	109,105	1.6	7,686	62,156	11.0	6,084	170,587	3.4
1881-1890	11,452	111,527	9.3	17,192	85,143	16.8	13,538	199,230	6.4
1891-1900	55,514	73,911	42.9	30,090	75,830	28.4	19,427	177,512	9.9
1901-1910	4,344	135,095	3.1	81,071	119,623	40.4	30,150	256,886	10.5
1911-1915	25,626	189,517	11.9	167,863	129,612	56.4	94,832	288,131	24.8
1915-1920 [1]	73,142	471,407	13.4	424,243	150,177	73.9	215,704	267,862	44.6
1921-1925	56,620	391,469	12.6	411,802	197,423	67.6	253,058	466,817	35.2
1926-1930	73,706	324,603	18.5	543,245	218,789	71.3	343,735	538,650	39.0
1931-1935	72,466	164,332	30.6	218,078	101,523	68.2	175,245	218,340	44.5
1936-1940	73,466	272,056	21.3	337,516	173,434	66.1	199,199	257,532	43.6
1941-1945	129,910	270,159	32.5	516,375	218,778	70.2	435,786	188,713	69.8
1941	59,262	262,796	18.4	455,542	268,684	62.9	218,804	204,247	51.7
1942	26,471	248,035	9.6	446,715	192,791	69.9	297,994	159,020	65.2
1943	69,647	351,510	16.5	497,648	179,858	73.4	503,782	166,043	75.2
1944	240,845	280,134	46.2	515,095	191,141	72.9	576,507	164,248	77.8
1945	253,324	208,320	54.9	666,876	261,415	71.8	581,841	250,009	69.9
1946	221,333	282,613	43.9	489,524	441,075	52.6	405,042	441,838	47.8
1947	39,127	616,571	6.0	825,133	419,775	66.3	530,428	452,353	54.0
1948	80,934	650,239	11.1	993,285	639,856	60.8	702,289	606,811	53.6
1949	98,328	643,305	13.3	869,793	552,182	61.2	692,899	553,206	55.6

[1] Period July 1, 1915, to Dec. 31, 1920.

[2] Includes beverages.

Source: Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records.

No. 1026.—Imports for Consumption, Free and Dutiable, and Duties Collected, by Principal Countries: 1945 and 1946

[Figures except percentages in thousands of dollars]

Country	Value of imports						Duties collected on dutiable and taxable articles	
	1945			1946				
	Free	Dutiable	Percent free	Free	Dutiable	Percent free	1945	1946
Grand total	**2,749,345**	**1,348,756**	**67.1**	**2,934,955**	**1,889,946**	**60.8**	**382,212**	**482,860**
Northern North America	**827,573**	**315,792**	**72.4**	**608,729**	**297,986**	**67.1**	**47,492**	**47,029**
Canada	810,543	313,034	72.1	591,072	290,261	67.1	47,193	46,131
Newfoundland and Labrador	14,871	2,733	84.5	16,837	7,714	68.6	290	740
Other [1]	2,159	25	98.9	820	11	98.7	9	158
Southern North America	**523,104**	**221,731**	**70.2**	**451,684**	**263,020**	**63.2**	**61,771**	**52,578**
Mexico	125,012	105,644	54.2	93,272	124,350	42.9	21,756	20,386
Central American countries	71,251	1,968	97.3	80,088	2,653	96.8	210	315
Cuba	231,635	98,788	70.1	214,105	103,679	67.4	35,809	25,562
Other West Indies and Bermudas	95,205	15,332	86.1	64,219	32,338	66.5	3,996	6,315
South America	**663,172**	**285,492**	**69.9**	**750,687**	**354,328**	**67.9**	**84,677**	**87,617**
Argentina	77,872	77,432	50.1	73,132	116,397	38.6	31,241	38,767
Bolivia	44,015	511	98.9	44,463	1,265	97.2	237	689
Brazil	257,187	50,555	83.6	352,356	53,357	86.8	7,303	8,175
Chile	124,105	9,486	92.9	68,638	14,776	82.3	4,633	5,846
Colombia	92,760	10,108	90.2	141,972	14,197	90.9	931	1,221
Ecuador	7,497	6,309	54.3	6,507	6,399	50.4	650	755
Peru	24,873	7,605	76.6	19,391	13,747	58.5	2,435	2,721
Uruguay	15,366	46,173	25.0	13,037	37,462	25.8	29,302	19,970
Venezuela	15,254	69,075	18.1	28,995	88,051	24.8	6,947	8,358
Other	4,244	8,236	34.0	2,195	8,680	20.2	998	1,115
Europe	**168,798**	**238,181**	**41.5**	**272,003**	**487,797**	**35.8**	**74,073**	**132,002**
Belgium	865	14,781	5.5	5,881	70,736	7.7	1,511	9,280
Czecho-Slovakia	5	247	1.9	799	16,371	4.7	52	5,332
Denmark	66	187	26.0	1,548	2,422	39.0	67	424
Finland	3	2	61.5	9,731	2,431	80.0	1	542
France	7,190	4,989	59.0	16,115	39,190	29.1	1,280	12,194
Germany	1,020	240	80.9	409	2,467	14.2	48	613
Greece	254	1,287	16.5	1,348	6,916	16.3	688	1,796
Italy	4,886	478	91.1	32,344	30,979	51.1	77	9,624
Netherlands	494	4,846	9.3	2,197	20,591	9.6	370	2,438
Norway	517	741	41.1	2,910	9,959	22.6	105	2,133
Poland and Danzig	1	[2]	93.7	155	10	93.7	-------	4
Spain	8,720	48,423	15.3	4,832	44,325	9.8	11,464	9,366
Sweden	43,418	2,782	94.0	34,691	12,106	74.1	584	2,683
Switzerland	1,808	80,489	2.2	4,041	93,626	4.1	29,985	32,956
United Kingdom	34,655	56,006	38.2	47,441	108,707	30.4	20,929	35,370
U. S. S. R. (Russia) [3]	51,530	4,711	91.6	88,988	7,521	92.2	1,161	1,526
Other [1]	13,368	17,973	42.7	18,573	19,441	48.9	5,751	5,721
Asia	**265,293**	**122,860**	**68.3**	**608,646**	**253,031**	**70.6**	**29,190**	**49,084**
British India and Burma	137,098	35,671	79.4	127,276	107,692	54.2	5,236	13,146
British Malaya	5,724	----------	100.0	128,677	393	99.7	-------	44
Ceylon	66,143	652	99.0	30,812	1,052	96.7	66	107
China	5,721	279	95.3	48,086	39,019	55.2	64	7,794
Netherlands Indies	209	2,714	7.2	36,140	2,547	93.4	2,115	1,357
Hong Kong	[2]	----------	100.0	412	1,059	28.0	-------	204
Japan	1	134	.4	79,365	1,559	98.1	17	223
Philippine Islands	791	[2]	100.0	39,865	25	99.9	-------	12
Turkey	5,281	49,073	9.7	8,496	51,696	14.1	14,363	15,142
Other	44,325	34,336	56.3	109,517	47,989	69.5	7,329	11,055
Oceania	**50,027**	**113,685**	**30.6**	**50,202**	**125,123**	**28.6**	**69,679**	**81,334**
Australia	24,755	96,191	20.5	31,455	107,314	22.7	59,083	69,490
New Zealand	16,362	16,995	49.1	16,113	17,318	48.2	10,520	11,805
Other	8,910	498	94.7	2,634	492	84.3	76	39
Africa	**251,380**	**51,016**	**83.1**	**193,004**	**108,660**	**64.0**	**15,330**	**33,216**
British West Africa	33,552	2,542	93.0	1,120	11	99.0	1,148	1,536
Egypt	9,434	5,773	62.0	1,540	25,260	5.7	636	2,343
Other	208,393	42,702	83.0	190,344	83,389	69.5	13,546	29,337

[1] Iceland included in Europe. [2] Less than $500. [3] Includes U. S. S. R. in Asia.

Source: Value of imports, Department of Commerce, Bureau of Census; annual report, Foreign Commerce and Navigation of the United States, and records. Duties, Treasury Department, Bureau of Customs.

32. Commerce of Territories and Possessions

All statistics in this section, except as noted, were compiled by the Department of Commerce, Bureau of the Census. These statistics are published in the Monthly Summary of Foreign Commerce of the United States. In the general foreign trade statistics in the preceding section, the Virgin Islands is treated as a foreign country prior to 1935 and its trade with the United States is included while its trade with other countries is not included. On the other hand, Alaska, Hawaii, and Puerto Rico, and for 1935–39, the Virgin Islands, are treated as integral parts of the United States, so that trade between them and continental United States is not included, while trade between them and foreign countries is included. Each of these territories appears as a separate customs district, but beginning with 1940, trade of the Virgin Islands has been excluded from the merchandise export and import figures. Neither trade of American Samoa and Guam with foreign countries nor shipments between them and the United States are included in the general tables on foreign trade. See also table 1003, p. 842.

The tables in this section present the total foreign trade of each of the U. S. Territories and possessions and show separately the trade with United States (unless otherwise indicated) and with foreign countries. The trade with foreign countries represents exports and imports through the respective territorial Customs Districts and does not necessarily represent exports of commodities originating within the designated territory nor imports for direct consumption within the territory. For basis of dollar values, see general note, p. 827.

No. 1027.—Imports and Exports of Alaska: 1882 to 1949

[In 1947 Alaska shipped domestic silver valued at $2,067 to the United States]

Yearly average or year ending—	Merchandise imports			Merchandise exports			Shipments domestic gold to United States
	Total	From United States [1]	From other countries [2]	Total	To United States	To other countries	
June 30:	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1882-1885	----------	680,250	9,198	----------	----------	24,955	----------
1886-1890	----------	1,455,600	23,697	----------	----------	8,748	----------
1891-1895	----------	2,422,600	42,539	----------	----------	15,526	----------
1896-1900	----------	9,843,000	185,182	----------	----------	135,069	----------
1901-1905	[3] 11,238,265	[4] 11,159,017	721,110	[3] 11,820,379	[3] 10,398,385	1,882,464	[5] 7,703,383
1906-1910	18,051,314	17,256,687	804,627	12,960,141	11,589,320	1,370,821	15,773,847
1911-1915	20,726,443	20,034,397	692,046	23,095,710	21,945,625	1,150,087	14,924,009
Dec. 31:							
1915-1920 [6]	37,039,688	35,707,204	1,332,484	68,445,011	66,590,595	1,854,417	11,880,362
1921-1925	28,955,839	28,216,438	739,401	52,009,911	50,730,865	1,279,046	5,787,818
1926-1930	33,661,490	32,754,859	906,631	61,476,709	60,960,208	516,501	6,449,570
1931-1935	25,252,071	24,951,064	301,008	37,964,038	37,703,765	260,273	11,974,339
1936-1940	43,572,951	43,380,029	192,922	52,804,870	52,323,674	481,196	19,350,455
1941-1945	75,893,246	74,255,643	1,637,602	199,556,432	68,938,416	130,618,015	6,744,079
1935	32,261,832	32,007,856	253,976	37,130,832	36,868,697	262,135	15,933,058
1936	39,325,725	39,060,577	265,148	61,259,807	60,807,603	452,204	16,653,379
1937	43,083,905	42,860,774	223,221	62,763,444	62,363,327	400,117	17,776,401
1938	42,851,647	42,676,622	175,025	56,650,028	56,044,728	605,300	21,321,617
1939	44,414,093	44,262,710	151,383	42,765,902	42,228,758	537,044	20,073,913
1940	48,189,293	48,039,460	149,833	40,585,267	40,173,952	411,315	20,926,967
1941	82,206,605	82,029,238	177,367	68,471,531	67,699,708	771,823	17,848,450
1942	91,524,276	89,497,621	2,026,655	59,018,262	58,199,935	818,327	12,104,445
1943	76,007,574	73,558,798	2,448,776	287,899,094	73,164,753	214,734,341	1,980,296
1944	62,638,819	62,042,363	596,456	343,470,611	72,359,111	271,111,500	1,009,125
1945	67,088,955	64,150,197	2,938,758	238,922,661	73,268,575	165,654,086	778,081
1946	75,576,054	75,005,229	570,825	69,892,767	68,837,904	1,054,863	4,363,386
1947	117,311,766	116,809,279	502,487	125,548,863	123,640,885	1,907,978	5,884,527
1948	(7)	(7)	2,779,449	(7)	(7)	2,408,928	(7)
1949	(7)	(7)	1,394,888	(7)	(7)	2,599,871	(7)

[1] Unofficial estimates of value of merchandise shipped from Pacific coast ports to Alaska from 1882 to 1901; from 1903 to date, official figures of shipments to Alaska.
[2] General imports through 1933; imports for consumption thereafter.
[3] 3-year average. [4] 4-year average. [5] 2-year average. [6] Period July 1, 1915 to Dec. 31, 1920.
[7] Not available; legal requirement for filing of export declarations for shipments between U. S. and Alaska and Hawaii was removed in April 1948.

Source: See general note.

No. 1028.—Imports and Exports of Puerto Rico: 1901 to 1949

YEARLY AVERAGE OR YEAR ENDING—	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States	From other countries [1]	Total	To United States	To other countries
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
June 30:						
1901–1905	13,256,464	11,055,607	2,200,857	14,228,464	10,485,414	3,743,050
1906–1910	26,819,937	23,660,948	3,158,988	29,850,008	25,118,813	4,731,195
1911–1915	37,790,207	33,959,225	3,830,982	46,237,403	38,982,507	7,254,896
Dec. 31:						
1915–1920 [2]	51,192,853	47,846,373	3,346,480	67,831,644	60,818,903	7,012,741
1921–1925	78,901,764	70,355,330	8,546,434	82,878,547	76,481,329	6,397,218
1926–1930	92,500,964	80,640,700	11,860,264	98,613,291	92,468,856	6,144,435
1931–1935	65,055,632	58,128,726	6,926,906	83,942,503	81,464,920	2,477,583
1936–1940	96,916,409	89,512,394	7,404,015	94,701,265	92,837,006	1,864,259
1941–1945	136,612,529	120,136,052	16,476,477	119,403,190	114,301,879	5,101,312
1935	76,647,739	70,052,462	6,595,277	89,641,421	87,726,308	1,915,113
1936	93,159,305	86,351,952	6,807,353	105,900,934	103,951,645	1,949,289
1937	99,188,310	90,043,856	9,144,454	105,505,241	102,859,041	2,646,200
1938	88,683,766	80,746,030	7,937,736	86,531,138	84,663,860	1,867,278
1939	92,920,704	86,447,423	6,473,281	90,527,565	88,977,210	1,550,355
1940	110,629,960	103,972,709	6,657,251	85,041,449	83,733,274	1,308,175
1941	153,259,895	143,691,759	9,568,136	101,580,919	99,651,309	1,929,610
1942	102,378,764	90,380,869	11,997,895	105,477,270	104,214,641	1,262,629
1943	109,066,388	87,419,797	21,646,591	115,946,349	99,221,148	16,725,201
1944	136,445,478	120,499,206	15,946,272	125,604,083	123,747,071	1,857,012
1945	181,912,120	158,688,630	23,223,490	148,407,331	144,675,224	3,732,107
1946	298,697,281	274,430,616	24,266,665	168,190,917	163,941,239	4,249,678
1947	341,842,882	320,118,678	21,724,204	199,383,482	191,136,679	8,246,803
1948	360,403,762	336,201,027	24,202,735	194,533,110	188,208,149	6,324,961
1949	333,672,371	309,011,549	24,660,822	222,365,733	213,814,654	8,551,079

[1] General imports through 1933; imports for consumption thereafter.
[2] Period July 1, 1915, to Dec. 31, 1920.

No. 1029.—Imports and Exports of Hawaii: 1901 to 1949

YEARLY AVERAGE OR YEAR ENDING—	MERCHANDISE IMPORTS			MERCHANDISE EXPORTS		
	Total	From United States	From other countries [1]	Total	To United States	To other countries
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
June 30:						
1901–1905	[3] 14,778,085	[3] 11,459,879	3,165,296	28,093,757	28,029,059	64,698
1906–1910	20,120,138	15,970,287	4,149,852	37,097,102	36,842,145	254,956
1911–1915	31,532,670	25,600,469	5,932,201	48,983,610	48,352,547	631,063
Dec. 31:						
1915–1920 [2]	39,271,498	33,236,198	6,035,299	76,008,709	73,691,927	2,316,781
1921–1925	74,514,123	65,429,082	9,085,041	92,977,893	91,487,972	1,489,922
1926–1930	89,454,566	79,666,569	9,787,997	108,096,755	105,937,984	2,158,771
1931–1935	73,500,296	67,592,513	5,907,783	95,000,597	93,944,684	1,055,913
1936–1940	112,155,544	104,106,212	8,049,332	115,133,303	113,516,846	1,616,457
1941–1945	197,510,876	187,516,126	9,994,750	101,427,047	99,041,911	2,385,136
1935	84,552,884	78,924,776	5,628,108	100,033,996	98,695,969	1,338,027
1936	92,443,911	85,743,998	6,699,913	127,176,805	125,537,355	1,639,450
1937	113,975,459	104,302,531	9,672,928	132,239,814	130,138,166	2,101,648
1938	109,659,721	101,227,151	8,432,570	98,086,121	96,556,679	1,529,442
1939	109,251,672	101,817,841	7,433,831	115,095,809	113,206,898	1,888,911
1940	135,446,957	127,439,539	8,007,418	103,067,965	102,145,130	922,835
1941	192,855,457	186,662,139	6,193,318	133,653,066	122,640,189	11,012,877
1942	143,377,345	141,701,552	1,675,793	96,903,545	96,650,450	253,095
1943	185,766,176	182,594,027	3,172,149	103,391,087	103,370,901	20,186
1944	198,509,464	185,793,636	12,715,828	85,140,644	85,087,249	53,395
1945	267,045,937	240,829,274	26,216,663	88,046,893	87,460,764	586,129
1946	236,306,962	227,072,997	9,233,965	140,042,662	133,337,539	6,705,123
1947	349,627,410	340,411,393	9,216,017	236,432,720	228,353,010	8,079,710
1948	[4]	[4]	12,725,649	[4]	[4]	6,704,891
1949	[4]	[4]	15,987,630	[4]	[4]	3,462,131

[1] See note 1, table 1028.
[2] Period July 1, 1915, to Dec. 31, 1920.
[3] Average for 1903 to 1905.
[4] Not available; legal requirement for filing of export declarations for shipments between U. S. and Alaska and Hawaii was removed in April 1948.

Source of tables 1028 and 1029: See general note, p. 871.

No. 1030.—Imports and Exports of the Virgin Islands: 1911 to 1949

[For 1911 to 1917, figures for trade with United States cover years ending June 30, for total trade years ending Mar. 31; thereafter, all figures cover calendar years]

Yearly average or year	Merchandise imports			Merchandise exports		
	Total	From United States [1]	From other countries	Total	To United States	To other countries
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1911–1915	1,617,225	844,729		416,930	210,597	
1916–1920	(2)	1,945,396	(2)	(2)	1,718,822	(2)
1921–1925	[3] 2,254,547	1,894,229	[3] 365,579	[3] 673,710	659,718	[3] 104,249
1926–1930	(2)	2,020,197	(2)	(2)	869,170	(2)
1931–1935	[4] 2,503,027	1,293,347	[4] 836,612	[4] 553,842	479,024	[4] 64,716
1936–1940	3,743,219	2,611,010	1,132,210	1,369,532	1,241,445	128,087
1941–1945	5,220,224	4,257,447	962,777	3,845,923	3,647,908	198,015
1928	(2)	2,277,030	(2)	(2)	1,195,314	(2)
1929	(2)	2,298,269	(2)	(2)	603,323	(2)
1930	(2)	1,672,903	(2)	(2)	768,342	(2)
1931	(2)	1,250,406	(2)	(2)	408,932	(2)
1932	(2)	929,980	(2)	(2)	405,163	(2)
1933	(2)	1,075,512	(2)	(2)	516,846	(2)
1934	(2)	1,544,424	(2)	(2)	575,052	(2)
1935	2,503,027	1,666,415	836,612	553,842	489,126	64,716
1936	3,599,617	2,208,570	1,391,047	793,651	726,746	66,905
1937	4,148,593	2,976,146	1,172,447	1,319,895	1,253,429	66,466
1938	3,346,563	2,358,548	988,015	1,541,472	1,220,506	320,966
1939	3,456,895	2,487,805	969,090	1,664,033	1,558,523	106,410
1940	4,164,428	3,023,979	1,140,449	1,527,709	1,448,020	79,689
1941	6,307,730	5,190,548	1,117,182	2,564,856	2,419,597	145,259
1942	4,862,986	3,768,497	1,094,489	1,846,267	1,588,414	257,853
1943	4,847,655	4,025,839	821,816	3,622,139	3,456,235	165,904
1944	4,750,640	3,726,484	1,024,156	6,839,921	6,657,669	182,252
1945	5,332,105	4,575,865	756,240	4,356,431	4,117,624	238,807
1946	8,540,350	6,722,914	1,817,436	4,138,205	3,680,130	458,075
1947	8,990,646	7,003,157	1,987,489	2,300,915	1,448,536	852,379
1948	9,465,562	7,665,939	1,799,623	1,796,308	1,236,434	559,874
1949	9,967,225	8,176,045	1,791,180	2,543,879	1,737,524	806,355

[1] For change in statistical reporting, 1935 to 1939, see general note, p. 871.
[2] Not available. [3] Average for 1921 to 1924. [4] For year 1935.

Source: Total trade, 1911 to 1915, from Danish Yearbook; 1916, from "The Virgin Islands of the United States of America," by Luther K. Zabriski. For source of other figures, see general note, p. 871.

No. 1031.—Imports and Exports of Guam: 1915 to 1949

Yearly average or year	Merchandise imports			Merchandise exports		
	Total	From United States	From other countries	Total	To United States	To other countries
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1915–1920 (July 1, 1915, to Dec. 31, 1920)	342,651	211,744	130,908	77,894	41,741	36,153
1921–1925	594,583	378,094	216,489	72,681	57,302	15,379
1926–1930	608,026	295,398	312,628	212,352	98,335	114,017
1931–1935	498,513	228,509	270,004	69,921	21,386	48,535
1936–1940	786,273	403,928	382,345	139,697	97,694	42,003
1941–1945	(1)	[2] 483,870	(1)	(1)	(1)	(1)
1933	378,991	181,266	197,725	62,449	5,155	57,294
1934	439,207	183,781	255,426	31,376	2,072	29,304
1935	638,220	262,814	375,406	124,188	52,776	71,412
1936	779,500	367,866	411,634	136,934	72,271	64,663
1937	857,904	345,543	512,361	228,229	164,879	63,350
1938	698,433	357,838	340,595	118,122	79,065	39,057
1939	735,906	402,963	332,943	112,104	88,468	23,636
1940	859,624	545,430	314,194	103,094	83,785	19,309
1941	1,060,980	788,325	272,655	50,175	29,303	20,872
1944	(1)	656,777	(1)	(1)	(1)	(1)
1945	(1)	6,508	(1)	(1)	(1)	(1)
1946	(1)	1,096,858	(1)	3,433,354	2,710,833	722,521
1947	(1)	9,368,182	(1)	3,639,977	2,312,410	1,327,567
1948	(1)	9,530,325	(1)	5,980,079	5,968,686	11,393
1949	(1)	11,296,853	(1)	2,358,142	2,308,534	49,608

[1] Not available. [2] Three-year average; no shipments reported for 1942 and 1943.

Source: Returns of the Navy Department to the Department of Commerce. See general note, p. 871.

No. 1032.—Imports and Exports of American Samoa: 1915 to 1949

Yearly average or year	Merchandise imports			Merchandise exports		
	Total	From United States	From other countries	Total	To United States	To other countries
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1915–1920 (July 1, 1915 to Dec. 31, 1920)	179,041	115,278	63,763	140,757	140,757	----------
1921–1925	201,005	101,038	99,967	122,288	88,087	34,201
1926–1930	226,858	142,774	84,084	(1)	121,026	(1)
1931–1935	198,517	121,635	76,882	(1)	43,702	(1)
1936–1940	336,365	220,070	116,295	(1)	87,939	(1)
1941–1945	878,376	642,094	236,283	(1)	46,923	(1)
1935	281,414	196,877	84,537	(1)	83,254	(1)
1936	341,873	219,163	122,710	(1)	56,717	(1)
1937	374,187	264,637	109,550	(1)	115,075	(1)
1938	355,731	221,787	133,944	(1)	110,657	(1)
1939	277,318	164,758	112,560	(1)	84,852	(1)
1940	332,718	230,007	102,711	(1)	72,396	(1)
1941	714,589	506,510	208,079	(1)	103,129	(1)
1942	896,495	710,558	185,937	(1)	5,664	(1)
1943	1,081,442	1,017,252	64,190	(1)	(1)	(1)
1944	1,009,574	635,266	374,308	(1)	(1)	(1)
1945	689,782	340,883	348,899	31,975	31,975	----------
1946	678,344	379,637	298,707	190,925	190,925	----------
1947	892,027	540,695	351,332	261,297	261,297	----------
1948	1,043,171	662,553	380,618	259,648	259,648	----------
1949	1,194,287	863,054	331,233	394,238	394,238	----------

[1] Not available. [2] Average for 1941, 1942 and 1945.
Source: Returns of the Navy Department to the Department of Commerce. See general note, p. 871.

No. 1033.—Shipments of Merchandise From the United States to Alaska Hawaii, and Puerto Rico

[**Values in thousands of dollars.** Totals include items not shown separately. Legal requirements for filing of export declarations for shipments between U. S. and Alaska and Hawaii was removed in April 1948; 1947 data latest available]

Commodity group or item	Alaska			Hawaii			Puerto Rico		
	1945	1946	1947	1945	1946	1947	1947	1948	1949
Total merchadise	64,150	75,005	116,809	240,829	227,073	340,411	320,119	336,201	309,012
Animals and animal products	8,741	10,699	13,579	34,126	33,155	39,988	50,529	55,477	48,569
Meat products	3,701	4,888	6,926	9,612	13,756	17,542	13,750	13,633	12,657
Eggs	907	1,046	1,164	3,294	2,381	1,997	1,549	1,649	1,896
Milk, condensed, evaporated, dried	694	884	950	1,571	2,999	2,716	8,741	10,352	10,128
Butter and cheese	1,311	1,354	1,391	2,531	2,219	3,065	2,242	2,842	2,843
Animal fats and oils, edible	128	230	235	165	244	278	9,402	12,310	6,804
Fish	254	251	342	4,139	4,000	5,219	1,216	1,175	1,046
Leather boots and shoes	653	604	923	7,552	3,651	4,802	10,344	10,006	9,544
Vegetable food products and beverages	13,587	13,218	17,139	45,302	46,908	55,011	64,337	68,381	61,049
Grains and preparations	761	900	1,193	4,505	10,363	12,293	37,263	37,535	31,252
Rice	(1)	(1)	(1)	1,655	5,791	6,429	25,994	27,465	21,925
Wheat flour	286	408	601	789	1,793	2,319	6,996	6,605	5,569
Biscuits and crackers	187	207	245	302	397	525	1,250	1,300	1,809
Fodders and feeds	271	316	382	3,831	5,728	7,588	5,118	5,253	4,861
Mixed and prepared feeds	(1)	(1)	(1)	2,585	3,607	4,656	4,454	4,655	4,518
Vegetables and preparations	1,728	1,979	2,146	8,234	7,264	7,828	12,730	14,333	12,500
Beans, dried	(1)	(1)	(1)	236	187	166	4,768	5,835	4,183
Potatoes, white	223	213	274	810	871	546	2,663	2,194	1,345
Canned vegetables	572	723	832	3,112	2,543	2,776	2,917	3,705	4,583
Fruits and preparations	1,298	1,436	1,631	4,568	4,719	4,658	1,843	1,741	3,505
Oranges	(1)	(1)	(1)	1,314	1,308	1,113	5	6	(2)
Canned, dried, and other fruit preparations	709	859	1,002	1,774	1,387	1,679	1,099	1,118	2,934
Coffee	370	554	763	579	518	1,080	45	536	830
Sugar	373	486	527	93	186	232	7	284	52
Confectionery and chewing gum	494	452	762	1,259	1,647	2,716	1,155	1,595	1,854
Beverages and fruit juices	7,810	6,584	9,076	19,023	13,914	14,112	4,132	5,325	4,011
Malt liquors	1,251	936	1,896	512	1,322	2,653	1,127	3,098	3,667
Whisky	5,762	4,799	6,318	12,564	9,674	8,800	71	31	44
Vegetable products, inedible, except fibers and wood	2,593	2,579	3,584	12,622	9,956	15,316	9,721	9,374	9,489
Rubber and manufactures	233	395	636	4,512	4,020	6,219	4,120	3,760	3,565
Automobile tires (casings)	(1)	(1)	(1)	2,733	2,398	3,391	2,219	2,194	1,879
Cigarettes	1,698	1,479	1,783	5,350	3,888	6,672	4,116	4,559	4,926

Footnotes at end of table.

No. 1033.—Shipments of Merchandise From the United States to Alaska, Hawaii, and Puerto Rico—Continued

[In thousands of dollars]

Commodity group or item	Alaska			Hawaii			Puerto Rico		
	1945	1946	1947	1945	1946	1947	1947	1948	1949
Textile fibers and manufactures	4,650	5,743	7,081	32,332	27,194	29,675	50,398	47,804	46,692
Cotton manufactures	1,634	1,997	2,560	14,156	12,669	13,588	25,846	26,596	23,320
Sewing, crochet, and embroidery cotton	(1)	(1)	(1)	160	196	313	633	620	759
Cloth, duck, and tire fabric	(1)	(1)	(1)	2,588	3,348	3,424	10,684	11,124	9,638
Wearing apparel	724	693	1,133	7,636	5,277	6,155	4,119	4,441	3,730
Wool and manufactures	1,073	1,455	1,728	3,616	3,568	4,169	2,679	2,070	1,920
Wearing apparel	691	973	1,144	2,766	2,518	2,891	1,526	1,150	934
Silk manufactures	15	23	33	57	241	121	627	1,379	3,197
Wearing apparel	(1)	(1)	(1)	30	87	75	72	81	164
Rayon and other synthetic textiles	(1)	(1)	(1)	10,662	7,897	7,457	15,945	13,004	12,594
Wood and paper	3,712	3,131	6,678	15,132	11,469	26,538	19,662	18,528	15,567
Boards, planks, and scantlings	523	329	1,075	1,310	1,960	7,911	7,668	7,408	466
Wood furniture	325	274	600	1,599	1,592	3,084	1,636	1,548	1,780
Paper and manufactures	1,569	198	1,910	10,670	5,080	9,920	8,007	7,708	6,171
Boxes and cartons	672	519	542	3,291	961	1,805	466	482	587
Nonmetallic minerals	6,101	7,212	13,151	20,405	17,940	31,077	15,371	17,989	18,685
Coal	567	111	112	24	7	14	82	16	48
Petroleum and products	4,655	6,366	11,764	14,929	13,966	24,937	8,356	10,136	12,513
Gasoline	2,089	2,587	4,868	5,960	6,074	12,708	5,746	6,580	8,595
Kerosene	(1)	(1)	(1)	768	591	868	1,046	1,593	1,713
Gas and fuel oil	1,295	2,985	5,179	6,121	5,760	7,885	366	620	557
Lubricating oil	447	490	966	1,076	1,006	1,950	954	947	1,198
Cement, hydraulic	113	124	140	405	865	1,107	78	91	315
Glass and glass products	243	205	406	2,007	1,151	1,849	2,574	1,632	1,478
Clay and clay products	211	169	248	1,428	887	1,369	1,626	1,973	1,838
Metals and manufactures, except machinery and vehicles	9,020	9,542	12,679	16,865	16,913	29,370	23,364	25,324	21,335
Iron and steel manufactures	8,298	9,019	11,573	14,867	14,141	23,350	18,870	21,308	18,712
Bars and rods	113	123	143	299	240	801	2,833	3,002	2,473
Galvanized sheets	(1)	(1)	(1)	270	162	381	598	649	1,132
Tin plate and taggers' tin	1	1	1	4,638	5,022	6,077	142	180	132
Structural iron and steel	318	344	399	399	1,038	1,658	1,474	2,108	1,497
Cast-iron pipe and fittings	(1)	(1)	(1)	1,044	232	1,133	1,203	1,637	1,415
Wire and manufactures	614	582	949	949	958	1,292	1,238	1,765	955
Wire nails	(1)	(1)	(1)	103	103	272	644	530	477
Tin cans, finished or unfinished	4,173	4,800	4,715	343	193	335	661	939	675
Stoves, ranges, furnaces, and parts	305	297	711	853	732	1,094	859	870	905
Tools	200	262	295	996	659	1,227	759	665	629
Copper and manufactures	125	123	310	783	679	2,258	2,115	1,883	490
Machinery and vehicles	8,128	11,460	22,695	23,402	31,332	64,381	46,954	52,203	46,813
Electrical machinery and apparatus	1,752	2,218	5,401	6,162	9,162	20,083	11,738	12,835	14,544
Household refrigerators and parts	(1)	(1)	(1)	145	760	2,732	1,507	2,351	3,348
Radio apparatus	232	497	1,234	599	1,696	3,027	2,489	1,964	1,990
Industrial machinery	3,007	3,603	6,822	5,981	7,298	14,591	15,403	15,228	13,696
Engines and parts	746	674	1,349	526	1,186	1,416	892	1,575	1,158
Mining and quarrying	117	276	457	133	153	698	301	1,069	741
Cannery equipment	508	418	818	66	93	524	102	145	247
Sugar-mill machinery	(1)	(1)	(1)	440	406	1,089	2,540	2,730	1,352
Agricultural machinery and impl.	394	1,141	1,378	1,687	1,790	2,548	1,870	1,827	2,151
Tractors and parts	88	503	504	1,235	900	1,338	1,241	1,402	1,802
Automobiles, parts, accessories, and service equipment	1,059	1,769	4,719	7,281	9,747	22,498	14,928	19,590	13,586
Motortrucks and busses	318	601	1,915	3,143	3,652	5,383	5,844	5,480	3,388
Passenger cars	477	684	1,860	835	3,360	8,083	6,086	10,365	7,532
Chemicals and related products	1,788	1,866	2,817	15,711	10,278	16,818	24,661	24,526	23,003
Chemicals, including coal-tar prod.	458	420	726	4,931	2,481	3,812	2,794	1,696	2,309
Medicinal and pharmaceutical preparations	345	393	469	1,945	1,739	2,127	5,395	4,774	5,087
Paints, pigments, and varnishes	364	398	749	2,358	1,805	3,971	3,087	2,677	2,612
Fertilizers and fertilizer materials	10	14	29	684	498	909	7,456	8,368	6,324
Ammonium sulfate	(1)	(1)	(1)	45	4	-------	3,237	3,244	3,192
Explosives, fuses, etc.	99	12	201	33	73	292	126	123	166
Soap	193	253	325	2,256	1,810	4,444	4,187	5,969	5,058
Miscellaneous	5,830	9,556	17,405	24,934	21,929	32,237	15,123	16,595	17,809
Motion-picture films	382	374	527	257	290	327	174	219	197
Musical instruments	124	179	462	1,019	1,232	1,939	1,037	674	867
Toys, athletic and sporting goods	222	339	479	2,436	1,663	2,230	1,148	1,176	1,259
Books, pictures, and other printed matter	442	460	649	3,124	2,045	2,856	1,455	1,653	1,547
Household and personal effects	1,547	2,544	4,315	1,283	3,762	8,195	1,302	951	866

[1] Not shown separately. [2] Less than $500.

Source: See general note, p. 871.

No. 1034.—Shipments of Principal Products to the United States From Alaska, Hawaii, and Puerto Rico

[Totals include items not shown separately. Legal requirements for filing of export declarations for shipments between U. S. and Alaska and Hawaii was removed in April 1948; 1947 data latest available. For gold shipments from Alaska, see table 1027]

Territory and product	Quantity			Value (thousands of dollars)			
	1945	1946	1947	1944	1945	1946	1947
ALASKA							
Total, all merchandise				**72,359**	**73,269**	**68,838**	**123,641**
Articles produced in U. S. returned				4,165	3,815	4,933	6,525
Foreign merchandise				1			1
Total, Alaskan products				68,194	69,454	63,904	117,115
Fish, 1,000 pounds	274,075	199,678	269,744	58,950	57,767	52,082	100,712
Halibut, fresh and frozen, do	24,081	19,848	25,036	3,578	4,406	4,058	6,370
Salmon, fresh and frozen, do	16,812	13,208	15,108	2,156	3,177	2,727	3,841
Canned salmon, do	214,095	149,857	216,716	50,489	45,852	40,032	86,528
Cured or preserved fish, do	9,129	9,459	7,624	1,009	2,226	2,826	2,430
Shellfish, do	2,127	2,539	1,338	866	1,016	1,751	998
Other fish products:							
Meal, tons [1]	9,463	12,791	15,018	702	852	1,374	2,229
Oil, 1,000 gallons	2,930	3,799	4,469	1,602	1,831	1,972	3,664
Furs and fur skins, number	315,279	315,238	382,731	3,997	5,791	5,818	7,022
Beaver, do	9,968	18,929	26,395	301	306	946	834
Blue fox, do	1,731	1,523	2,275	28	45	26	60
Red fox, do	7,869	4,754	3,303	171	99	58	32
Seal skins, do	77,003	64,887	61,472	1,764	3,849	2,007	3,559
Marten, do	482	2,670	15,071	369	36	214	586
Mink, do	42,691	64,837	55,584	747	874	1,945	1,291
Muskrat, do	152,346	137,656	195,818	307	287	310	334
Platinum, troy ounces	23,529	19,869	11,534	1,335	937	1,187	658
HAWAII							
Total, all merchandise				**85,087**	**87,461**	**133,338**	**228,353**
Articles produced in U. S. returned				2,468	2,994	19,039	47,021
Foreign merchandise				[2]		12	1
Total, Hawaiian products				82,619	84,467	114,286	181,330
Cattle hides, 1,000 pounds	1,468	1,370	1,644	230	207	204	334
Fruits				18,750	14,388	40,753	49,561
Pineapples (canned), 1,000 pounds	143,762	378,515	381,222	18,728	14,369	40,538	48,793
Vegetables, fresh, canned, etc, do	[2]	68	79		[2]	11	17
Coffee, do	2	7,147	5,080		1	882	1,531
Sugar, unrefined, do	1,487,321	1,196,495	1,596,013	52,278	50,011	45,458	92,397
Sugar, refined, do		58	16,773			8	1,418
Molasses, 1,000 gallons	36,942	32,226	37,461	2,788	2,703	2,600	4,800
Pineapple juice, 1,000 pounds	149,088	277,095	302,387	7,297	12,566	21,487	25,619
Fiber insulating board, do	30,395	30,689	44,832	509	806	764	1,607
PUERTO RICO	**1947**	**1948**	**1949**	**1946**	**1947**	**1948**	**1949**
Total, all merchandise				**163,941**	**191,137**	**188,208**	**213,815**
Articles produced in U. S. returned				2,115	4,123	4,342	4,012
Foreign merchandise				33	96	16	18
Total, Puerto Rican products				161,793	186,918	183,851	209,784
Fruits				3,175	4,565	4,545	5,235
Pineapples, canned, etc, 1,000 pounds	23,988	23,368	23,700	1,983	3,354	3,642	3,320
Coconuts, thousands	15,696	14,103	15,910	885	1,171	917	892
Coconut, prepared, 1,000 pounds	3,815	2,838	800	3,207	1,277	854	172
Sugar, unrefined, do	1,635,056	1,752,130	2,049,815	59,851	96,833	94,940	118,454
Sugar, refined, do	219,540	200,671	247,655	11,427	17,181	14,888	17,256
Candy and confectionery, do	11,544	1,461	1,078	796	1,749	403	222
Molasses, 1,000 gallons	31,956	44,810	43,589	2,453	5,595	9,099	1,725
Fruit juice, do	770	689	548	350	624	585	407
Rum, 1,000 proof gallons	470	384	1,043	15,215	1,504	1,165	3,011
Leaf tobacco, 1,000 pounds	10,062	9,594	10,367	14,957	8,972	8,098	9,222
Stems, scraps, etc, do	5,031	5,561	7,565	2,488	1,550	2,062	2,484
Cigars and cheroots, thousands	7,839	4,417	4,362	2,973	266	249	191
Cotton manufactures				22,611	22,588	22,040	22,336
Wearing apparel, except gloves				3,689	3,975	3,880	4,926
Gloves [3], dozen pairs	754,692	986,595	799,308	6,046	7,940	10,005	8,868
Handkerchiefs, 1,000 dozen	4,236	3,381	3,902	12,072	9,981	7,485	8,135
Linen handkerchiefs, do	703	778	633	1,952	2,801	2,828	2,609
Rugs, woven and hooked, number	48,962	107,368	66,514	2,157	1,069	1,704	1,200
Silk manufactures				718	1,011	2,254	5,268
Rayon manufactures				6,472	6,180	5,255	5,480
Blouses, dresses, housecoats, dozen	48,666	40,454	62,974	1,459	1,310	1,312	2,058
Underwear, 1,000 dozen	108	85	93	3,174	3,263	2,702	2,266
Other wearing apparel				1,081	1,102	913	749
Diamonds				1,999	2,571	1,789	1,188
Leather gloves, dozen pairs	60,164	28,510	15,060	2,629	1,479	649	321
Alcohols, 1,000 gallons	712	630	99	72	1,267	1,273	52
Buttons, pearl or shell, 1,000 gross	846	746	831	922	864	769	729

[1] Of 2,240 pounds. [2] Less than 500 pounds or $500. [3] Includes all fabric gloves.

Source: See general note, p. 871.

33. Distribution and Services

Data in this section relate to continental United States.

For additional or related data on distribution and service trades other than those included in this section, consult the index.

CENSUS OF BUSINESS

The primary source of data on distribution and services is the Census of Business. The first Census of Business covered the calendar year 1929. Although the next was scheduled by law to cover the year 1939, two special censuses covering the years 1933 and 1935 were taken before the regular 1939 census conducted as part of the 16th Census of the United States.

In accordance with the provisions of the act of June 19, 1948, the Business Census has been separated from the decennial censuses and is to be conducted at 5-year intervals. The first Business Census under the new act was taken in 1949 covering the year 1948. Results from this Census are not included in this volume but will be included in the 1951 *Abstract*. These results are being issued in 1950 in four general sets of reports: (1) Preliminary county releases, (2) final area bulletins (States including counties and cities), (3) final subject bulletins, and (4) final trade bulletins.

The business establishments covered in the distribution and service fields included in the Census of Business may be generally described as follows:

Retail trade.—Places of business primarly engaged in selling merchandise in a retail manner to personal and household consumers;

Wholesale trade.—Establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business uses; and,

Service.—Establishments engaged primarily in selling services as contrasted with merchandise as in the case of retail and wholesale trade.

In order that the coverage of distribution operations be complete, the censuses taken in 1929, 1935, and 1939 included information on the distribution of manufacturers' sales showing the proportion of manufacturers' output flowing through various distribution channels.

The most important differences in scope among the four Censuses of Business are to be found in the coverage of service enterprises. Service establishments were not included in the 1929 Census of Business at all. In 1933 the Census of Business was expanded to include certain service enterprises. These can be broadly classified into the following five major groups: (1) personal services, such as barber shops, laundries, etc., (2) selected business services, (3) repair services, (4) places of amusement, and (5) hotels. The 1935 Business Census added a number of important businesses among which were banking and finance, motor transportation, real estate agencies, warehousing, insurance, and radio broadcasting. The types of business added in 1935 were dropped in 1939 along with a number of minor types of service business.

In addition to observing the changes in the coverage of establishments from census to census, it is important to take cognizance of the kind of businesses, broadly defined, not included in any Census of Business. Outstanding in this group are the business activities of doctors, lawyers, dentists, and others performing a professional or scientific service, educational institutions, religious or charitable institutions, hospitals and infirmaries, public utilities, and government operated enterprises. In the

past, these types of economic activity have been omitted largely because of problems in obtaining information or because reasonably adequate data were already available from other sources.

In many of the following tables data from the various Censuses of Business are compared. Adjustments have been made in the figures to make allowances for the changes in scope among the various years compared.

CURRENT STATISTICS

Wholesale trade.—Monthly statistics on wholesalers' sales and inventories, by kinds of business and by geographic divisions, are compiled and published by the Bureau of the Census. These data are compiled on a sampling basis, covering about 3,500 firms. Using these survey data as a basis, monthly estimates of aggregate sales of wholesalers raised to national totals are prepared by the Bureau of Foreign and Domestic Commerce and published in the *Survey of Current Business.*

Financial statistics relating to corporations in wholesale trade are available from the annual reports, *Statistics of Income*, published by the Bureau of Internal Revenue.

Current data on the production, movement, stocks, carry-over, receipts, and disappearances at principal markets, etc., for major agricultural commodities are available from the Production and Marketing Administration, Department of Agriculture.

As part of its investigations, the Federal Trade Commission has collected operating statistics on wholesalers as well as on the wholesale business of chains in various lines. Financial statistics on corporations engaged in wholesale trade whose securities are listed on the national security exchanges are available from the Securities and Exchange Commission.

Retail trade.—The Bureau of the Census compiles and publishes monthly statistics on trends in independent retail store sales, by kind of business, for the country as a whole and for selected large cities and other local areas; monthly data for all retail trade combined are also provided for a large number of additional cities and local areas. These data are based on reports from a sample of some 34,000 stores. The Census Bureau also issues jointly with the Office of Business Economics of the Bureau of Foreign and Domestic Commerce monthly statistics on the trends and dollar volume of retail chain store and mail-order house sales nationally by kind of business. Monthly estimates of the dollar volume of retail sales by kind of business groups are prepared by the Office of Business Economics and are published currently in the *Survey of Current Business.*

Indexes of department store sales and stocks are compiled by the Board of Governors of the Federal Reserve System and by each of the 12 Federal Reserve Banks for its district. These indexes are published monthly in the *Federal Reserve Bulletin* and also in the *Survey of Current Business.* Monthly and annual statistics on consumer credit are compiled by the Board of Governors of the Federal Reserve System and published currently in the *Federal Reserve Bulletin.* Financial data for corporations engaged in retail trade and filing income tax returns are published by the Bureau of Internal Revenue in its annual report, *Statistics of Income.* Financial statistics on corporations engaged in retail trade whose securities are listed on the national securities exchanges are available from the Securities and Exchange Commission.

Service trades.—Typical of the numerous current statistical reports on personal and business services compiled by private agencies are the *Horwath Hotel Accountant, Printers Ink,* and *National Advertising Records.* Financial statistics of service businesses derived from corporation income tax returns are compiled and published annually by the Bureau of Internal Revenue in its annual report, *Statistics of Income.* Current data on service trades are provided by the Bureau of Foreign and Domestic Commerce in its quarterly and annual estimates of consumption expenditures published in the *Survey of Current Business.*

No. 1035.—Manufacturers' Sales—Distribution, by Primary Channels, by Industry Groups: 1929, 1935, and 1939

[No data are included for following classes of industries: (1) Those in which no sales were made, plants being maintained for purpose of making repairs; (2) those in which plants were engaged primarily in performing labor on materials owned by others so that their sales represented sales of services rather than commodities. This table is limited to industries for which 1929, 1935, and 1939 figures are directly comparable, whereas table 1036 covers all industries for which 1939 figures are available. For comparative purposes, data covering direct export are excluded]

Industry group	Total distributed sales, 1939		Distributed sales, 1939, comparable with 1929 and 1935		Percent of distributed sales made to—Own wholesale branches or offices		
	Amount (thousands of dollars)	Number of plants	Amount (thousands of dollars)	Number of plants	1929	1935	1939
Total, all groups	**47,207,641**	**143,223**	**33,905,988**	**104,474**	**17.5**	**21.7**	**23.8**
Food and kindred products	11,335,423	50,165	9,586,488	41,990	24.8	21.9	21.8
Tobacco manufactures	1,320,152	754	1,183,232	624	5.8	30.3	31.0
Textile-mill products and other fiber manufactures	3,408,339	5,003	2,495,524	3,678	12.6	8.2	10.5
Apparel and other finished products made from fabrics and similar materials	3,020,563	13,960	1,398,490	7,302	4.4	3.6	3.8
Lumber and timber basic products	1,067,686	10,044	1,054,789	10,030	4.9	7.1	8.6
Furniture and finished lumber products	1,231,981	8,330	975,294	6,152	4.5	5.0	5.5
Paper and allied products	1,742,359	3,088	1,722,342	3,061	3.8	10.7	14.9
Chemicals and allied products	3,683,992	8,900	1,394,198	4,815	11.1	20.3	23.1
Products of petroleum and coal	2,820,411	981	2,367,873	515	60.1	67.7	67.2
Rubber products	964,295	589	879,964	577	39.5	35.6	29.2
Leather and leather products	1,285,280	3,269	1,273,066	3,269	19.2	17.7	18.2
Stone, clay, and glass products [1]	1,434,247	6,890	1,378,473	6,664	6.7	27.2	28.3
Iron and steel and their products (except machinery)	5,548,316	8,714	4,369,553	4,749	5.9	21.6	25.6
Nonferrous metals and their products	2,072,666	5,055	1,082,507	2,942	5.9	6.9	25.4
Electrical machinery	1,629,227	1,958	1,584,810	1,955	20.8	29.7	33.1
Machinery (except electrical)	3,162,064	7,897	597,156	1,874	10.0	17.1	20.2
Transportation equipment, except automobiles	314,082	194	41,473	36	------	------	.8
Miscellaneous industries	1,166,558	7,432	520,756	4,241	7.1	9.5	14.0

Industry group	Percent of distributed sales made to—continued: Own retail stores			Wholesalers and jobbers [2]			Retailers for resale		
	1929	1935	1939	1929	1935	1939	1929	1935	1939
Total, all groups	**2.4**	**2.3**	**2.8**	**32.8**	**26.2**	**26.5**	**18.0**	**21.1**	**19.9**
Food and kindred products	3.2	4.0	5.3	31.6	27.1	26.3	29.1	33.5	34.8
Tobacco manufactures	.2	(3)	(3)	89.6	63.9	61.6	4.0	5.2	6.9
Textile-mill products and other fiber manufactures	.2	.1	.2	39.9	36.2	[4] 41.2	10.4	12.4	11.7
Apparel and other finished products made from fabrics and similar materials	4.5	5.4	7.1	22.2	15.0	16.7	52.2	58.9	59.0
Lumber and timber basic products	(5)	1.4	4.0	38.0	36.3	39.6	9.5	14.3	12.4
Furniture and finished lumber products	2.5	1.2	2.0	19.6	15.8	17.0	42.4	46.5	43.4
Paper and allied products	------	------	.4	39.1	30.9	30.5	5.3	6.7	5.7
Chemicals and allied products	1.3	.3	.4	39.0	28.9	30.1	14.3	14.3	12.1
Products of petroleum and coal	7.6	2.3	1.7	18.6	21.4	25.9	5.2	1.5	1.4
Rubber products	1.8	7.6	10.9	15.2	13.3	15.5	14.8	8.1	12.8
Leather and leather products	3.3	2.9	2.5	23.6	17.9	19.0	32.0	39.4	38.7
Stone, clay, and glass products [1]	.1	.2	.9	48.2	20.8	21.1	4.5	14.5	11.9
Iron and steel and their products (except machinery)	.3	.3	.3	34.1	13.3	13.2	4.2	5.1	4.8
Nonferrous metals and their products	.3	.2	.4	27.6	20.7	21.2	8.2	10.7	7.8
Electrical machinery	2.9	1.0	1.2	32.3	34.4	33.5	6.2	7.2	6.7
Machinery (except electrical)	14.0	9.5	7.4	17.5	17.9	18.1	11.5	9.5	10.1
Transportation equipment, except automobiles	------	------	------	37.4	33.4	41.7	48.8	45.3	39.9
Miscellaneous industries	2.9	1.4	1.9	35.8	36.8	36.5	27.4	26.0	21.8

For footnotes, see next page.

No. 1035.—Manufacturers' Sales—Distribution, by Primary Channels, by Industry Groups: 1929, 1935, and 1939—Continued

Industry group	Percent of distributed sales made to—continued						Percent of distributed sales negotiated through agents, brokers, etc.		
	Industrial, etc., users			Consumers at retail					
	1929	1935	1939	1929	1935	1939	1929	1935	1939
Total, all groups	**27.5**	**26.4**	**25.2**	**1.8**	**2.3**	**1.8**	**9.5**	**12.6**	**9.0**
Food and kindred products	6.9	8.6	8.0	4.4	4.9	3.8	10.6	13.6	10.7
Tobacco manufactures	.1	.5	.5	.3	.1	(2)	1.7	.5	.5
Textile-mill products and other fiber manufactures	36.6	42.9	36.1	.3	.2	.3	28.7	43.8	25.7
Apparel and other finished products made from fabrics and similar materials	11.4	13.6	11.4	5.3	3.5	2.0	4.0	5.2	3.5
Lumber and timber basic products	47.6	34.7	29.6	(3)	6.2	5.8	9.9	19.1	19.7
Furniture and finished lumber products	28.8	28.8	29.6	2.2	2.7	2.5	13.5	10.4	7.3
Paper and allied products	51.8	51.6	48.2	(3)	.1	.3	8.0	5.5	9.8
Chemicals and allied products	32.0	33.9	31.5	2.3	2.3	2.8	15.9	14.9	10.5
Products of petroleum and coal	8.5	7.0	3.6	(3)	.1	.2	2.4	1.3	3.0
Rubber products	28.5	35.3	31.5	.2	.1	.1	2.6	2.2	2.2
Leather and leather products	21.5	21.9	21.4	.4	.2	.2	5.5	7.2	7.2
Stone, clay, and glass products [1]	38.7	34.1	35.2	1.8	3.2	2.6	7.6	6.6	6.1
Iron and steel and their products (except machinery)	55.5	59.3	55.9	(3)	.4	.2	6.5	11.9	6.7
Nonferrous metals and their products	56.4	60.6	44.2	1.6	.9	1.0	4.4	3.7	4.0
Electrical machinery	37.4	27.1	25.1	.4	.6	.4	6.2	6.8	7.1
Machinery (except electrical)	47.0	45.4	43.4	(3)	.6	.8	4.6	7.8	8.5
Transportation equipment, except automobiles	13.8	21.3	17.5	(7)	(6)	.1	8.9	.5	5.0
Miscellaneous industries	24.9	22.3	22.5	1.9	4.0	3.3	3.4	4.6	5.6

[1] In 1929, sales to or through wholesale branches and sales to retailers for resale were combined for the most part with sales to wholesalers and jobbers.
[2] Includes sales to export intermediaries.
[3] Less than one-tenth of 1 percent.
[4] Includes 16.5 percent "sales to converters."
[5] Combined with wholesalers and jobbers.
[6] Combined with retailers.
[7] Combined with industrial, etc., users.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. V, Distribution of Manufacturers' Sales.

No. 1036.—Manufacturers' Sales—Distribution, by Primary Channels, by Industry Groups: 1939

[**Sales in millions of dollars.** See headnote, table 1035]

Industry group	Plants reporting	Total distributed sales and interplant transfers	Interplant transfers	Distributed sales made to—		
				Total	Own wholesale branches or offices	Own retail stores
Total, all groups	**145,544**	**54,675.6**	**4,381.7**	**50,293.9**	**11,255.0**	**1,046.8**
Food and kindred products	50,409	11,739.1	403.7	11,335.4	2,436.6	516.1
Tobacco manufactures	759	1,330.9	10.8	1,320.2	396.9	.4
Textile-mill products and other fiber manufactures	5,159	3,678.2	269.9	3,408.3	388.5	6.2
Apparel and other finished products made from fabrics and similar materials	14,041	3,052.6	32.0	3,020.6	198.7	112.7
Lumber and timber basic products	10,262	1,113.4	45.7	1,067.7	90.7	42.2
Furniture and finished lumber products	8,372	1,252.2	20.2	1,232.0	93.9	22.7
Paper and allied products	3,254	2,034.9	292.5	1,742.4	257.1	6.0
Chemicals and allied products	8,954	3,893.6	209.6	3,684.0	1,192.0	40.1
Products of petroleum and coal	989	3,043.2	222.8	2,820.4	1,684.9	40.5
Rubber products	595	985.8	21.5	964.3	278.5	95.7
Leather and leather products	3,287	1,373.5	88.3	1,285.3	231.8	31.4
Stone, clay, and glass products	6,910	1,480.4	46.2	1,434.2	398.6	11.8
Iron and steel and their products (except machinery)	8,791	6,579.8	1,031.5	5,548.3	1,203.0	12.6
Nonferrous metals and their products	5,083	2,401.3	328.6	2,072.7	630.6	6.3
Electrical machinery	1,995	1,775.3	146.1	1,629.2	525.1	19.2
Machinery (except electrical)	7,918	3,244.3	82.2	3,162.1	657.4	49.0
Automobiles and automobile equipment	1,109	4,190.4	1,104.2	3,086.2	399.3	11.5
Transportation equipment, except automobiles	194	318.9	4.8	314.1	2.4	
Miscellaneous industries	7,463	1,187.6	21.0	1,166.6	189.0	22.3

No. 1036.—Manufacturers' Sales—Distribution, by Primary Channels, by Industry Groups: 1939—Continued

Industry group	Distributed sales made to—continued					
	Wholesalers and jobbers	Export intermediaries	Retailers for resale	Export, direct to buyers in other countries	Industrial, etc., users	Consumers at retail
Total, all groups	**12,652.4**	**457.4**	**9,841.0**	**1,147.0**	**13,062.1**	**832.3**
Food and kindred products	3,304.4	53.0	3,677.3	98.9	836.4	412.7
Tobacco manufactures	818.4	.4	91.5	5.1	6.5	.9
Textile-mill products and other fiber manufactures	[1] 1,357.7	12.2	548.7	18.5	1,057.4	19.0
Apparel and other finished products made from fabrics and similar materials	421.1	14.1	1,994.4	4.9	223.8	51.0
Lumber and timber basic products	398.6	18.8	131.1	12.9	312.2	61.3
Furniture and finished lumber products	213.4	5.6	513.4	7.5	344.5	31.0
Paper and allied products	519.1	10.0	97.9	16.0	831.5	4.9
Chemicals and allied products	731.8	21.9	323.8	62.4	1,211.5	100.4
Products of petroleum and coal	598.1	96.4	51.4	139.9	190.6	18.5
Rubber products	139.8	6.5	127.8	33.1	281.8	1.0
Leather and leather products	239.7	2.3	492.9	12.2	272.1	2.9
Stone, clay, and glass products	286.7	6.7	164.3	18.7	511.2	36.3
Iron and steel and their products (except machinery)	697.8	41.6	249.4	115.5	3,210.1	18.4
Nonferrous metals and their products	290.8	11.7	125.9	19.3	969.3	18.8
Electrical machinery	519.1	11.9	105.5	44.4	398.4	5.5
Machinery (except electrical)	636.5	49.0	172.6	267.2	1,309.6	20.7
Automobiles and automobile equipment	1,117.7	69.7	753.4	119.4	607.7	7.4
Transportation equipment, except automobiles	23.2	18.7	18.6	111.9	138.8	.5
Miscellaneous industries	338.5	6.9	201.3	39.1	348.4	21.0

Industry group	Percent distributed sales made to								
	Total	Own wholesale branches or offices	Own retail stores	Wholesalers and jobbers	Export intermediaries	Retailers for resale	Export, direct to buyers in other countries	Industrial, etc., users	Consumers at retail
Total, all groups	**100.0**	**22.4**	**2.1**	**25.1**	**0.9**	**19.6**	**2.3**	**26.0**	**1.6**
Food and kindred products	100.0	21.5	4.6	29.1	.5	32.4	.9	7.4	3.6
Tobacco manufactures	100.0	30.1	(2)	62.0	(2)	6.9	.4	.5	.1
Textile-mill products and other fiber manufactures	100.0	11.4	.2	[1] 39.8	.4	16.1	.5	31.0	.6
Apparel and other finished products made from fabrics and similar materials	100.0	6.6	3.7	13.9	.5	66.0	.2	7.4	1.7
Lumber and timber basic products	100.0	8.5	4.0	37.3	1.8	12.3	1.2	29.2	5.7
Furniture and finished lumber products	100.0	7.6	1.8	17.3	.5	41.7	.6	28.0	2.5
Paper and allied products	100.0	14.8	.3	29.8	.6	5.6	.9	47.7	.3
Chemicals and allied products	100.0	32.3	1.1	19.9	.6	8.8	1.7	32.9	2.7
Products of petroleum and coal	100.0	59.7	1.4	21.2	3.4	1.8	5.0	6.8	.7
Rubber products	100.0	28.9	9.9	14.5	.7	13.3	3.4	29.2	.1
Leather and leather products	100.0	18.0	2.4	18.6	.2	38.4	1.0	21.2	.2
Stone, clay, and glass products	100.0	27.8	.8	20.0	.5	11.5	1.3	35.6	2.5
Iron and steel and their products (except machinery)	100.0	21.7	.2	12.6	.7	4.5	2.1	57.9	.3
Nonferrous metals and their products	100.0	30.4	.3	14.0	.6	6.1	.9	46.8	.9
Electrical machinery	100.0	32.2	1.2	31.9	.7	6.5	2.7	24.5	.3
Machinery (except electrical)	100.0	20.8	1.6	20.1	1.5	5.5	8.4	41.4	.7
Automobiles and automobile equipment	100.0	12.9	.4	36.2	2.3	24.4	3.9	19.7	.2
Transportation equipment, except automobiles	100.0	.8	-------	7.4	5.9	5.9	35.6	44.2	.2
Miscellaneous industries	100.0	16.2	1.9	29.0	.6	17.3	3.3	29.9	1.8

[1] Includes $412,709,000 (12.1 percent) "Sales to converters."
[2] Less than one-tenth of 1 percent.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. V, Distribution of Manufacturers' Sales.

No. 1037.—Wholesale Trade—Sales and Stocks: 1929 to 1949

[In millions of dollars]

Year	All establishments		Nondurable goods establishments		Durable goods establishments		Service and limited function wholesalers' sales
	Sales	Stocks end of period	Sales	Stocks end of period	Sales	Stocks end of period	
1929	37,814	----------	29,987	----------	7,827	----------	30,343
1933	16,550	----------	14,002	----------	2,548	----------	12,950
1935	23,585	----------	18,638	----------	4,947	----------	18,350
1936	28,394	----------	21,690	----------	6,704	----------	22,293
1937	31,789	----------	24,027	----------	7,762	----------	25,026
1938	27,322	2,964	21,520	2,087	5,802	877	21,299
1939	30,057	3,200	22,866	2,238	7,193	962	23,642
1940	33,626	3,357	24,731	2,328	8,895	1,029	26,488
1941	43,440	4,151	31,469	2,891	11,971	1,260	33,654
1942	48,141	3,835	37,860	2,901	10,281	934	36,444
1943	51,275	3,707	41,962	2,842	9,313	865	37,756
1944	54,731	4,002	44,732	3,076	9,999	926	40,724
1945	59,799	4,648	49,012	3,494	10,787	1,154	44,657
1946	79,208	6,798	62,579	4,822	16,629	1,976	60,476
1947	93,054	8,768	70,732	6,118	22,322	2,650	70,080
1948	100,263	9,585	74,731	6,326	25,532	3,259	73,692
1949	89,996	9,225	68,760	6,349	21,236	2,876	65,762

Source: Department of Commerce, Office of Business Economics; revised estimates published in October 1949 issue of Survey of Current Business and currently thereafter.

No. 1038.—Wholesale Trade—Summary, by Type of Operation and Kind of Business: 1939

Type of operation and kind of business	Number of establishments	Sales (thousands of dollars)	Operating expenses, including pay roll (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year)[1]	Total pay roll (thousands of dollars)[1]	Stocks on hand end of year, at cost (thousands of dollars)
Total	**200,573**	**55,265,640**	**5,518,456**	**133,698**	**1,561,948**	**2,624,203**	**3,872,385**
Service and limited-function wholesalers	**101,627**	**23,641,924**	**3,023,627**	**72,150**	**933,239**	**1,529,598**	**2,653,420**
Wholesale merchants	91,323	18,688,897	2,540,959	66,351	805,772	1,287,615	1,995,501
Voluntary group wholesalers	703	753,586	85,586	170	30,177	47,808	116,146
Converters (textile)	631	425,167	41,152	287	9,190	21,069	63,898
Export merchants	586	778,001	59,537	360	9,414	18,848	93,289
Importers	2,158	1,379,575	114,418	1,302	22,006	53,411	194,173
Industrial distributors	1,471	729,650	121,687	183	40,489	71,011	155,163
Cash-and-carry wholesalers	1,198	108,902	5,994	775	2,360	2,835	7,412
Drop shippers or desk jobbers	937	474,891	30,380	386	5,148	14,490	703
Wagon distributors	2,398	80,259	9,813	2,336	3,285	3,958	1,985
Retailer-cooperative warehouses	222	222,996	14,101	--------	5,398	8,553	25,150
Manufacturers' sales branches (with stocks)	**12,977**	**8,846,940**	**1,191,188**	**260**	**265,602**	**534,679**	**681,526**
Manufacturers' sales offices (without stocks)	**5,119**	**4,679,262**	**324,175**	**125**	**48,739**	**134,247**	--------
Petroleum bulk stations and terminals	**30,825**	[2]**3,807,908**	**420,646**	**23,061**	**98,816**	**156,366**	**235,596**
Independent bulk stations	6,357	[2] 627,674	76,126	5,295	21,808	30,900	27,877
Commission stations	17,530	[2]1,080,479	[3] 108,084	17,486	21,579	24,190	71,725
Salary stations	6,053	[2]1,739,676	205,199	271	47,828	87,983	106,287
Cooperative bulk stations	665	[2] 37,962	5,057	--------	2,146	2,946	2,525
Distributing terminals	220	[2] 322,117	26,180	9	5,455	10,347	27,182
Agents and brokers	**20,903**	**11,201,035**	**307,752**	**18,609**	**78,511**	**154,731**	**72,125**
Auction companies	649	434,283	14,062	790	10,205	7,828	2,058
Brokers (merchandise)	4,710	3,390,695	51,327	4,240	10,724	23,828	11,855
Commission merchants	2,758	2,748,072	69,163	2,679	16,982	34,018	22,748
Export agents	654	571,449	16,591	437	5,034	8,308	3,836
Import agents	394	343,105	6,698	289	1,265	3,488	5,741
Manufacturers' agents (with stocks)	1,907	252,056	29,372	1,379	8,332	16,937	11,894
Manufacturers' agents (without stocks)	7,871	1,144,961	46,138	7,421	11,170	20,192	--------
Selling agents	1,487	1,741,777	64,132	959	11,456	33,740	12,910
Other agents	473	574,637	10,269	415	3,343	6,392	1,083

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

[2] Includes taxes.

[3] Represents commissions only.

No. 1038.—Wholesale Trade—Summary, by Type of Operation and Kind of Business: 1939—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Number of establishments	Sales (thousands of dollars)	Operating expenses incl. pay roll (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) [1]	Total pay roll (thousands of dollars) [1]	Stocks on hand, end of year, at cost (thousands of dollars)
Assemblers (mainly farm products)	**29,122**	**3,088,571**	**251,068**	**19,493**	**137,041**	**114,582**	**229,718**
Assemblers of farm products	9,866	792,159	50,432	10,171	27,614	20,079	110,519
Commission buyers	1,523	121,704	3,941	1,532	1,872	1,453	1,844
Cooperative marketing associations	2,583	611,029	70,048	-------	39,676	34,747	32,729
Cooperative sales agencies	191	578,939	17,572	-------	4,709	7,996	16,599
Cream stations	3,870	48,564	3,901	3,053	2,448	1,702	307
Country grain elevators:							
Independent	3,180	271,154	15,975	2,545	7,572	7,066	20,101
Line	4,061	226,917	15,877	474	8,545	7,711	23,105
Cooperative	1,843	196,430	10,828	-------	5,018	5,369	14,739
Packers and shippers	2,005	241,675	62,494	1,718	39,587	28,459	9,775
SERVICE AND LIMITED-FUNCTION WHOLESALERS							
Amusement and sporting goods	**1,342**	**151,684**	**32,000**	**864**	**9,436**	**16,449**	**22,720**
Bicycles and supplies	45	5,219	950	19	350	515	977
Cameras and photographic supplies	113	16,019	3,672	65	1,035	1,802	2,942
Motion picture equipment and supplies (except films)	66	10,197	1,596	15	439	797	1,242
Motion picture film exchanges	214	27,205	6,843	64	1,679	4,127	2,873
Sporting goods	231	36,998	6,855	118	2,089	3,331	6,610
Toys, novelties, and fireworks	534	44,524	9,475	468	3,011	4,488	6,070
All other	139	11,522	2,609	115	833	1,389	2,006
Automotive	**7,964**	**1,995,286**	**218,578**	**5,236**	**72,004**	**115,136**	**154,058**
Automobiles (new and used)	572	1,324,214	66,762	218	17,391	32,164	31,853
Trucks and tractors	579	70,024	11,822	415	4,005	6,577	8,990
Automotive accessories and equipment	2,860	259,846	60,198	1,851	22,261	33,156	50,927
Automotive parts	3,318	256,748	67,181	2,245	24,808	37,374	51,644
Tires and tubes	635	84,454	12,615	507	3,539	5,865	10,644
Beer, wines, and liquors	**6,232**	**1,249,164**	**161,598**	**4,507**	**45,175**	**73,677**	**121,471**
Beer and ale	4,812	502,111	77,363	3,854	23,365	31,938	19,869
Wines and liquors	1,420	747,053	84,235	653	21,810	41,739	101,602
Chemicals and paints	**1,680**	**281,002**	**49,801**	**785**	**11,891**	**24,067**	**37,619**
Dyestuffs	69	28,486	4,947	29	780	2,570	2,770
Explosives	49	2,824	400	25	119	173	288
Industrial chemicals	287	112,137	15,204	87	2,796	6,947	10,304
Naval stores	29	19,177	2,287	10	378	643	1,459
Paints and varnishes	623	51,608	11,706	328	3,432	5,968	8,166
Paints with glass and/or wallpaper	311	28,675	7,907	136	2,591	4,012	6,229
All other	312	38,095	7,350	170	1,795	3,754	8,403
Clothing and furnishings	**4,178**	**700,501**	**101,023**	**3,444**	**26,125**	**49,471**	**87,030**
Clothing and furnishings (general line)	446	64,127	9,524	428	3,173	4,912	11,641
Men's and boys'	1,180	152,944	21,682	1,048	5,791	10,550	23,467
Women's and children's	1,110	225,046	35,078	819	8,513	17,200	19,025
Furs, dressed, and fur clothing	501	63,925	7,672	455	1,373	3,422	7,364
Millinery and millinery supplies	478	76,204	11,978	345	3,458	5,905	8,401
Shoes and other footwear	463	118,255	15,089	349	3,817	7,482	17,132
Coal and coke	**919**	**512,835**	**41,708**	**293**	**9,485**	**19,667**	**31,641**
Drugs (general line)	**297**	**363,621**	**47,410**	**39**	**16,710**	**27,504**	**56,734**
Service wholesalers (without liquor)	226	257,456	34,205	26	12,020	19,743	39,889
Service wholesalers (with liquor)	45	72,329	9,971	8	3,261	5,666	12,251
Cooperatives and voluntary groups	26	33,836	3,234	5	1,429	2,095	4,594
Drugs and drug sundries (specialty lines)	**1,321**	**157,190**	**41,614**	**774**	**10,965**	**17,525**	**20,216**
Proprietary medicines	422	46,302	9,747	231	2,883	4,665	6,209
Toiletries	387	49,245	18,579	172	5,244	8,411	5,479
Drug specialties and sundries	512	61,643	13,288	371	2,838	4,449	8,528
Dry goods (general line)	**222**	**206,983**	**31,213**	**124**	**11,035**	**18,051**	**39,928**
Dry goods (specialty lines)	**3,875**	**981,468**	**115,502**	**2,831**	**29,865**	**59,032**	**148,795**
Hosiery and lingerie	422	86,204	9,465	363	2,483	4,624	10,049
Notions	973	113,874	21,913	731	7,209	12,330	19,331
Piece goods:							
General line	54	18,493	2,652	47	712	1,388	3,353
Cotton	519	237,647	24,149	350	5,797	12,060	40,432
Silk, linen, rayon, and velvet	801	301,044	28,309	487	6,368	14,440	39,909
Woolen and worsted	366	97,261	10,874	285	2,300	4,692	13,845
Other	407	89,398	12,091	279	3,141	6,369	15,175
Other dry goods specialties	333	37,547	6,049	289	1,855	3,129	6,701

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

No. 1038.—Wholesale Trade—Summary, by Type of Operation and Kind of Business: 1939—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Number of establishments	Sales (thousands of dollars)	Operating expenses, incl. pay roll (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year)[1]	Total pay roll (thousands of dollars)[1]	Stocks on hand, end of year, at cost (thousands of dollars)
SERVICE AND LIMITED-FUNCTION WHOLESALERS—continued							
Electrical goods	**3,072**	**788,024**	**130,660**	**1,555**	**37,821**	**71,599**	**83,485**
Electrical merchandise (general line)	455	300,377	40,271	49	11,706	23,635	26,988
Apparatus and equipment	207	24,214	5,490	124	1,683	3,097	3,039
Wiring supplies and construction materials	955	126,738	22,143	565	7,140	12,053	17,048
Radios and equipment	668	112,435	21,313	438	6,081	10,853	13,575
Refrigerators and equipment (household)	159	118,018	20,116	53	4,813	10,653	9,742
All other	628	106,242	21,327	326	6,398	11,308	13,093
Farm products—raw materials	**2,086**	**1,628,706**	**112,108**	**1,569**	**24,507**	**37,871**	**284,679**
Cotton	229	408,574	33,919	208	2,808	6,607	74,790
Grains	397	522,447	25,475	210	5,224	8,885	94,216
Hides, skins, and raw furs	686	193,688	14,740	530	3,579	6,564	24,569
Horses and mules	28	7,078	336	33	123	101	225
Livestock	107	8,490	1,076	103	376	347	280
Silk (raw)	15	81,006	2,114	8	188	744	10,752
Tobacco (leaf)	191	86,489	13,084	124	8,088	6,855	32,258
Wool and mohair	166	194,242	12,492	153	1,373	4,291	29,734
All other	267	126,692	8,872	200	2,748	3,477	17,855
Farm products—consumer goods	**10,945**	**2,110,766**	**274,726**	**10,296**	**89,944**	**132,283**	**47,466**
Dairy products	2,164	485,198	111,486	1,325	33,526	55,504	9,936
Dairy and poultry products	760	241,480	20,918	633	6,936	10,827	9,657
Poultry and poultry products	1,635	241,236	22,216	1,657	8,033	10,058	6,150
Fruits and vegetables (fresh)	5,449	990,528	108,828	5,762	36,391	50,766	20,172
Fresh fruits only	905	146,965	10,701	892	4,150	4,825	1,261
All other	32	5,359	577	27	258	303	290
Farm supplies	**1,477**	**333,844**	**45,248**	**1,075**	**14,405**	**19,784**	**44,587**
Feed	782	130,199	14,090	642	5,075	6,541	8,593
Fertilizer	99	37,827	5,580	61	613	1,126	7,694
Seeds	415	101,419	19,317	261	6,583	9,096	23,319
All other	181	64,399	6,261	111	2,134	3,021	4,981
Furniture and house furnishings	**2,214**	**373,464**	**64,405**	**1,448**	**17,990**	**33,372**	**70,838**
China, glassware, and crockery	339	36,777	9,266	208	2,592	4,773	7,004
Floor coverings	487	149,584	20,628	249	5,216	10,696	32,828
Furniture (general line)	49	10,476	2,197	26	754	1,157	1,615
Furniture (household)	333	47,660	9,989	175	2,685	4,910	7,602
Furniture (office)	51	3,052	526	36	156	255	290
House furnishings (except as specified)	827	106,017	16,715	680	4,910	8,707	18,142
Musical instruments and sheet music	128	19,898	5,084	74	1,677	2,874	3,357
Groceries (general line)	**3,942**	**2,185,736**	**206,862**	**1,558**	**75,975**	**112,922**	**300,018**
Not sponsoring cooperative or voluntary groups	2,786	1,310,164	125,924	1,406	47,391	66,916	177,728
Voluntary group wholesalers	638	658,253	69,582	149	24,385	39,501	101,395
Retailer-cooperative warehouses	136	154,651	8,118	----	3,015	4,808	15,838
Cash-and-carry depots	382	62,668	3,238	3	1,184	1,697	5,057
Groceries and foods (specialty lines)	**12,045**	**1,892,033**	**266,482**	**10,450**	**81,954**	**124,381**	**149,628**
Breakfast cereals	34	22,078	9,663	8	837	1,372	2,185
Canned foods	430	111,537	11,941	295	3,390	5,668	14,680
Coffee, tea, and spices	703	173,980	30,070	464	7,663	13,605	21,977
Coffee roasting and spice grinding	306	136,988	28,616	162	7,976	12,909	16,761
Confectionery	2,089	132,682	17,494	2,004	6,724	8,051	9,440
Fish and sea foods	1,182	131,248	26,089	981	8,549	12,236	8,601
Flour	323	45,830	5,235	223	1,442	2,340	2,657
Fruits and vegetables (frosted)	32	8,447	832	24	238	402	309
Meats and provisions	2,552	519,593	57,590	2,503	18,032	29,196	10,838
Other food and grocery specialties	4,394	609,650	78,952	3,786	27,103	38,602	64,180
Hardware	**1,343**	**592,000**	**108,924**	**607**	**39,423**	**64,556**	**146,595**
General line (with industrial department)	409	396,746	72,037	76	26,299	43,553	98,909
General line (without industrial department)	363	142,794	25,310	143	9,404	14,749	35,898
Specialty lines	571	52,460	11,577	388	3,720	6,254	11,788

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

No. 1038.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1939—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Number of establishments	Sales (thousands of dollars)	Operating expenses, incl. pay roll (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year)[1]	Total pay roll (thousands of dollars)[1]	Stocks on hand end of year, at cost (thousands of dollars)
SERVICE AND LIMITED-FUNCTION WHOLESALERS—continued							
Jewelry	**1,805**	**234,054**	**41,147**	**1,564**	**9,726**	**19,741**	**56,172**
Jewelry (general line)	195	62,312	10,668	139	2,649	5,514	14,759
Clocks and watches	178	44,653	8,418	131	1,366	3,398	5,122
Diamonds and other precious stones	427	46,873	4,810	429	729	1,959	19,375
All other	1,005	80,216	17,251	865	4,982	8,870	16,916
Lumber and construction materials	**3,303**	**804,392**	**122,630**	**1,498**	**35,961**	**63,029**	**80,308**
Builders' supplies (general line)	189	67,773	10,722	74	4,061	5,822	8,426
Lumber	1,236	378,222	41,974	648	10,770	20,160	29,345
Lumber and millwork	154	50,376	7,401	61	2,384	4,147	6,187
Millwork	280	59,012	12,929	99	4,186	7,763	11,097
Brick, tile, and terra cotta	145	18,700	2,948	73	714	1,422	1,231
Cement, lime, and plaster	102	22,532	3,511	27	900	1,693	750
Glass	282	32,143	9,421	171	3,451	5,907	6,264
All other	915	175,634	33,724	345	9,495	16,115	17,008
Machinery, equipment, and supplies	**9,743**	**1,281,692**	**257,594**	**5,501**	**78,309**	**140,672**	**208,684**
Commercial equipment and supplies:							
Office machines and equipment	216	22,291	5,215	157	2,192	2,938	3,184
Restaurant and hotel supply houses	438	48,298	11,406	322	3,936	6,218	8,192
Garage and filling station equipment	169	9,877	2,537	127	854	1,339	1,327
Soda fountain equipment and supplies	29	1,846	431	24	125	183	201
Store machines	49	2,961	484	42	170	232	231
Store fixtures and equipment	401	20,790	5,528	230	1,847	3,158	2,333
All other	341	30,759	6,516	221	2,145	3,602	3,036
Farm and dairy:							
Dairy equipment	109	19,705	3,606	61	997	1,864	2,072
Farm implements	21	2,965	649	14	237	385	625
Farm machinery and equipment	189	36,725	5,527	88	1,542	2,615	4,793
Industrial machinery, equipment, and supplies:							
Industrial (general line)	116	70,267	13,230	27	4,094	7,776	13,814
Belting, hose, and packing	211	18,837	4,576	95	1,273	2,568	2,216
Construction (except road building)	153	23,943	5,422	49	1,602	3,266	4,655
Road building	251	72,613	14,003	95	3,420	7,259	11,247
Machine tools	128	27,699	4,428	76	1,082	2,473	3,140
Mine and mill supplies	415	99,851	19,110	167	5,871	10,883	18,173
Oil well supply houses	896	179,770	18,827	218	5,137	9,343	31,318
Power plant and power transmission	89	11,632	2,110	40	631	1,291	1,359
Printing and lithographing (except paper)	157	12,797	3,734	106	1,295	2,277	1,968
Rope, cordage, and twine	57	13,441	1,916	21	501	1,023	1,408
Textile	84	10,359	2,308	49	667	1,233	1,705
Used machinery and equipment	290	16,125	4,335	250	1,423	2,191	3,606
All other	1,575	180,158	36,330	942	10,689	19,970	26,013
Professional equipment and supplies:							
Dental supply houses	330	33,788	9,674	155	3,400	5,567	8,064
Religious supply houses	94	8,325	2,279	73	720	1,220	2,281
School equipment and supplies	138	22,271	5,515	72	1,927	2,833	3,630
Surgical, medical, and hospital	383	51,512	13,624	183	4,233	8,337	9,199
All other	117	14,642	3,503	58	1,175	2,071	3,030
Service equipment and supplies:							
Barber and beauty supply houses	859	44,593	14,492	677	5,112	7,346	9,060
Laundry and dry cleaning	206	35,091	7,257	82	1,831	3,791	3,691
Tailors' supplies	64	2,809	565	67	203	280	598
Undertakers' supplies	107	4,545	1,277	66	417	616	741
Upholsterers' supplies	210	29,717	6,972	114	1,912	3,553	6,611
All other	607	35,608	8,583	444	3,111	4,908	5,909
Transportation equipment and supplies:							
Aircraft and aeronautical	13	18,039	1,114	1	305	580	1,439
Railroad	68	25,055	6,004	19	854	2,962	3,314
Marine	149	21,020	4,284	62	1,295	2,407	4,298
Other	14	968	223	7	84	114	203

[1] Employees and payroll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

No. 1038.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1939—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Number of establishments	Sales (thousands of dollars)	Operating expenses, including pay roll (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year)[1]	Total pay roll (thousands of dollars)[1]	Stocks on hand, end of year, at cost (thousands of dollars)
SERVICE AND LIMITED-FUNCTION WHOLESALERS—continued							
Metals and metal work (except scrap)	**1,017**	**515,975**	**61,660**	**479**	**16,390**	**32,620**	**63,741**
Building metal work	135	13,289	2,709	95	1,003	1,482	1,779
Iron and steel products (general line)	96	139,442	17,515	30	4,547	9,588	16,385
Iron and steel products (semifinished)	63	15,337	2,727	20	653	1,463	2,405
Iron and steel products (flat)	204	73,392	14,574	69	3,803	7,455	15,016
Wire and wire products	65	7,147	1,545	38	431	777	1,202
Iron and steel finished products, n. e. c.	290	55,833	11,641	157	3,427	6,372	9,757
Copper	38	49,545	2,050	19	455	1,093	3,813
All other	126	161,990	8,899	51	2,071	4,390	13,384
Paper and its products	**2,898**	**574,973**	**99,217**	**1,693**	**30,913**	**56,490**	**74,566**
Wrapping or coarse paper and products	1,675	297,438	51,255	1,126	16,437	29,129	42,108
Printing and writing papers	427	210,261	29,880	121	8,163	17,765	22,137
Stationery and stationery supplies	515	46,551	11,149	330	4,189	6,376	5,932
Wallpaper	281	20,723	6,933	116	2,124	3,220	4,389
Petroleum and its products	**1,275**	**196,734**	**25,207**	**817**	**6,530**	**11,525**	**10,408**
Plumbing and heating equipment and supplies	**2,225**	**379,975**	**69,952**	**1,036**	**21,956**	**37,474**	**63,181**
Plumbing and heating (general line)	675	185,102	32,118	207	10,243	17,206	31,590
Heating (including stoves and ranges)	368	36,058	8,581	190	2,648	4,609	4,587
Plumbing fixtures, equipment, and supplies	927	134,095	23,366	506	7,350	12,407	24,147
All other	255	24,720	5,887	133	1,715	3,252	2,857
Tobacco and products (except leaf)	**2,717**	**1,106,215**	**54,074**	**2,337**	**18,480**	**26,946**	**49,427**
Waste materials	**6,059**	**656,000**	**96,470**	**5,956**	**42,020**	**46,040**	**57,201**
Iron and steel scrap	1,869	334,136	42,382	1,741	15,889	18,949	22,808
Junk and scrap (general line)	1,893	93,031	17,251	2,060	9,562	8,330	10,434
Waste paper, rags, and rubber	1,128	135,305	25,131	1,002	11,682	13,169	13,576
Nonferrous metals	395	50,137	5,239	381	2,079	2,549	4,425
All other	774	43,391	6,467	772	2,808	3,043	5,958
All other products	**5,431**	**1,387,607**	**145,814**	**3,814**	**48,244**	**77,714**	**142,224**
Books, periodicals, and newspapers	866	168,572	30,662	497	12,546	17,388	9,300
Flowers and nursery stock	734	42,987	8,634	679	2,901	4,365	2,426
Forest products (except lumber)	594	49,794	8,947	505	3,308	4,196	5,467
General merchandise	156	515,937	29,616	93	9,256	16,068	34,216
Leather and shoe findings	955	116,362	14,892	806	3,994	6,914	20,842
Leather goods	145	13,678	2,783	96	883	1,664	2,397
Oils and greases (animal and vegetable)	87	71,051	5,529	31	844	2,457	9,688
Optical goods	572	42,317	15,176	225	6,289	9,607	6,629
Textiles and materials (other than dry goods)	301	51,782	5,971	264	2,453	3,406	8,232
Yarns	181	73,797	6,871	120	1,370	3,014	9,719
Miscellaneous kinds of business	840	241,330	17,033	498	4,400	8,635	33,308
MANUFACTURERS' SALES BRANCHES (WITH STOCKS)							
Amusement and sporting goods	398	270,825	34,746	2	12,154	21,208	13,831
Automotive	937	725,709	86,277	12	22,417	45,980	75,419
Beer, wines, and liquors	409	274,265	52,285	5	6,341	15,532	10,810
Chemicals and paints	663	556,135	82,460	9	13,995	33,163	44,524
Clothing and furnishings	297	300,302	39,108	59	8,071	18,161	32,929
Coal and coke	6	6,461	1,279	----	250	455	1,364
Drugs and drug sundries	237	202,097	55,832	4	8,439	18,269	19,007
Dry goods (specialty lines)	213	210,082	23,519	17	5,624	13,036	29,319
Electrical goods	393	643,067	49,106	4	12,546	29,274	29,266
Farm products—consumer goods	610	199,200	34,299	3	6,619	11,321	11,313
Farm supplies	122	52,472	7,184	6	1,501	2,723	2,957
Furniture and house furnishings	285	131,625	18,436	4	3,975	8,634	11,724
Groceries and foods (specialty lines)	2,592	2,333,306	259,640	31	57,674	104,219	93,974
Hardware	98	24,412	4,864	----	1,459	2,728	3,461
Jewelry	31	53,478	4,055	1	879	2,183	3,303
Lumber and construction materials	353	238,475	33,618	13	9,286	18,350	23,484
Machinery, equipment, and supplies	3,333	976,464	192,008	45	53,586	108,340	135,634
Metals and metal work (except scrap)	481	469,922	38,680	2	9,634	19,492	52,412
Paper and its products	317	177,454	29,303	1	6,051	12,183	14,361
Petroleum and its products	56	21,262	4,596	----	894	2,236	2,466
Plumbing and heating equipment and supplies	519	251,633	39,037	9	10,115	18,479	30,433
Tobacco and products (except leaf)	44	446,489	62,051	6	4,353	8,437	11,769
All other products	583	281,805	38,805	27	9,739	20,276	27,766

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

No. 1038.—WHOLESALE TRADE—SUMMARY, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1939—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Number of establishments	Sales (thousands of dollars)	Operating expenses, including pay roll (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year)[1]	Total pay roll (thousands of dollars)[1]	Stocks on hand end of year, at cost (thousands of dollars)
MANUFACTURERS' SALES OFFICES (WITHOUT STOCKS)							
Amusement and sporting goods	66	49,731	5,727	----	1,492	3,156	----
Automotive	59	65,369	6,842	----	870	2,308	----
Beer, wines, and liquors	89	132,530	17,738	----	1,647	4,541	----
Chemicals and paints	181	248,997	39,683	7	4,035	11,188	----
Clothing and furnishings	241	121,306	12,309	63	2,166	6,440	----
Coal and coke	5	16,199	453	----	56	245	----
Drugs and drug sundries	54	50,153	11,166	6	1,041	2,985	----
Dry goods (specialty lines)	131	220,664	11,877	5	2,019	6,079	----
Electrical goods	252	217,758	10,252	3	1,727	5,475	----
Farm products—consumer goods	75	21,682	2,208	3	325	548	----
Farm supplies	20	11,696	827	----	142	422	----
Furniture and house furnishings	131	67,840	6,836	12	969	2,878	----
Groceries and foods (specialty lines)	810	346,375	60,514	3	7,391	15,968	----
Hardware	55	16,088	1,357	2	230	713	----
Jewelry	29	9,569	628	4	105	446	----
Lumber and construction materials	334	260,790	27,520	4	4,489	12,777	----
Machinery, equipment, and supplies	1,094	505,669	41,380	6	7,658	21,928	----
Metals and metal work (except scrap)	530	1,647,674	34,598	----	6,003	19,077	----
Paper and its products	309	187,434	10,263	1	2,002	6,442	----
Petroleum and its products	21	19,620	3,809	----	306	992	----
Plumbing and heating equipment and supplies	210	41,789	5,631	1	1,116	2,781	----
Tobacco and products (except leaf)	136	279,863	3,118	1	1,074	2,131	----
All other products	287	140,466	9,439	4	1,876	4,727	----
PETROLEUM BULK STATIONS AND TERMINALS							
Petroleum and its products	30,825	3,807,908	420,646	23,061	98,816	156,366	235,596
AGENTS AND BROKERS							
Amusement and sporting goods	192	20,088	1,497	172	336	613	360
Automotive	331	121,426	3,645	289	846	1,856	648
Beer, wines, and liquors	102	30,051	1,167	79	270	471	861
Chemicals and paints	331	116,246	5,000	242	947	2,514	1,127
Clothing and furnishings	1,409	439,389	13,895	1,375	3,601	6,987	1,075
Coal and coke	305	404,269	17,633	77	2,752	8,265	3,010
Drugs and drug sundries	147	34,546	3,005	114	760	1,518	392
Dry goods (general line)	27	219,694	2,136	24	724	1,474	105
Dry goods (specialty lines)	1,470	1,433,117	36,706	1,392	6,833	20,879	5,267
Electrical goods	837	130,532	7,098	737	1,855	3,342	880
Farm products—raw materials	3,091	2,960,657	51,413	3,376	21,136	24,450	23,653
Farm products—consumer goods	1,287	731,026	27,134	1,113	6,750	13,339	3,296
Farm supplies	198	108,108	2,600	145	525	1,349	315
Furniture and house furnishings	789	100,956	6,602	713	1,744	3,206	682
Groceries and foods (specialty lines)	2,729	2,085,424	36,879	2,422	8,185	17,781	12,258
Hardware	392	61,860	2,926	361	757	1,365	309
Jewelry	210	18,737	916	204	156	320	221
Lumber and construction materials	944	213,700	10,833	752	2,261	4,928	709
Machinery, equipment, and supplies	2,890	366,685	32,641	2,361	8,499	18,363	6,299
Metals and metal work (except scrap)	608	359,125	7,648	522	1,611	3,990	3,135
Paper and its products	470	98,607	5,043	362	1,097	2,694	777
Petroleum and its products	146	91,930	2,590	88	386	1,128	78
Plumbing and heating equipment and supplies	512	53,200	3,865	450	1,062	1,841	626
Tobacco and products (except leaf)	25	16,135	577	32	272	207	124
Waste materials	121	74,181	3,032	82	350	1,152	1,266
All other products	1,340	911,286	21,271	1,125	4,796	10,699	4,652
ASSEMBLERS (MAINLY FARM PRODUCTS)							
Farm products—raw materials	15,639	1,809,317	86,059	8,776	43,368	38,884	195,586
Farm products—consumer goods	12,132	1,148,158	143,775	9,444	78,777	65,867	21,711
Farm supplies	482	35,283	3,501	444	1,589	1,406	3,799
Groceries and foods (specialty lines)	819	92,618	17,309	804	13,093	8,141	8,211
All other products	50	3,195	424	25	214	284	411

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. II, Wholesale Trade.

No. 1039.—Wholesale Trade—Summary for 27 Cities: 1939

[Sales, expenses, pay roll, and stocks in thousands of dollars. The wholesale-trade centers covered in the following table were selected on the basis of their volume of wholesale trade in 1935]

City	Number of establishments	Sales		Operating expenses (including pay roll)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year)[1]	Pay roll[1]			Stocks on hand, end of year, at cost
		Amount	Percent gain over 1935				Total	Full-time	Part-time	
Atlanta, Ga	989	465,115	41.6	50,592	489	12,473	22,215	21,977	238	27,121
Baltimore, Md	1,664	578,628	36.3	58,009	1,219	17,715	28,222	27,696	526	35,053
Boston, Mass	3,361	1,634,784	23.0	150,025	1,737	86,298	75,002	73,974	1,028	107,799
Buffalo, N. Y	1,021	430,270	22.9	38,332	527	10,639	19,989	19,741	248	27,014
Chicago, Ill	7,799	4,080,415	24.8	396,914	4,743	95,494	190,205	188,073	2,132	204,908
Cincinnati, Ohio	1,533	647,187	35.6	56,965	995	14,472	27,170	26,810	360	33,292
Cleveland, Ohio	2,226	946,653	39.0	89,402	1,077	23,539	47,127	46,357	770	44,601
Dallas, Tex	1,043	475,454	16.1	52,073	577	13,018	21,741	21,431	310	51,617
Denver, Colo	993	340,989	30.4	33,764	636	9,930	16,408	16,193	215	19,845
Detroit, Mich	2,763	1,304,451	37.2	102,770	1,811	27,350	53,937	53,384	553	48,335
Houston, Tex	845	457,911	38.3	44,617	419	10,904	18,980	18,523	457	43,576
Indianapolis, Ind	846	374,483	22.3	32,925	475	10,056	17,268	17,041	227	18,470
Kansas City, Mo	1,474	762,069	17.3	67,301	947	17,829	31,141	30,587	554	44,254
Los Angeles, Calif	4,808	1,285,265	36.8	146,250	3,758	41,411	73,751	72,439	1,312	102,682
Memphis, Tenn	675	433,254	13.7	32,478	461	8,937	13,675	13,454	221	36,847
Milwaukee, Wis	1,455	412,366	19.6	41,993	707	12,607	22,824	22,534	290	30,178
Minneapolis and St. Paul, Minn. (combined)	1,995	941,390	19.4	91,607	1,162	24,154	43,571	42,990	581	95,677
Newark, N. J	1,006	397,832	47.4	45,828	501	13,000	24,328	24,099	229	25,654
New Orleans, La	1,022	437,639	7.8	42,929	556	14,424	21,440	20,853	587	44,865
New York, N. Y	24,042	12,954,252	34.7	1,148,338	15,827	241,405	544,796	540,154	4,642	776,429
Omaha, Nebr	678	390,754	13.4	27,910	397	8,131	13,146	12,987	159	20,580
Philadelphia, Pa	4,073	1,622,100	22.4	157,478	3,190	42,257	77,824	76,629	1,195	94,677
Pittsburgh, Pa	1,745	832,069	33.9	79,099	1,191	20,787	39,519	38,932	587	37,061
Portland, Oreg	956	317,326	18.9	35,293	433	10,337	18,196	17,800	396	28,351
St. Louis, Mo	2,663	1,164,102	31.9	128,315	1,464	34,367	61,253	60,797	456	89,425
San Francisco, Calif	3,359	1,377,614	24.4	161,366	2,643	34,612	70,999	69,741	1,258	112,678
Seattle, Wash	1,500	451,292	36.9	50,438	746	13,449	24,957	24,436	521	33,578

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. II, Wholesale Trade.

No. 1040.—Wholesale Trade—Employment by Size of Establishment, Based on Number Employed: 1939

Number of employees per establishment	Establishments		Number of employees
	Number	Percent of total	
Total	**200,573**	**100.0**	**1,561,948**
100 or more	1,396	.7	264,845
20–99	16,060	8.0	604,226
10–19	20,581	10.3	278,402
8–9	8,597	4.3	72,643
6–7	14,712	7.3	94,737
4–5	23,218	11.6	102,979
3	18,762	9.4	56,044
2	25,729	12.8	51,153
1[1]	39,558	19.7	36,919
No paid employees	31,960	15.9	----

[1] Or fraction on monthly average basis.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. II, Wholesale Trade.

No. 1041.—Wholesale Trade—Summary, by States: 1929, 1935, and 1939

Division and state	Number of establishments			Sales (thousands of dollars)			Operating expenses, including pay roll (thousands of dollars)		
	1929	1935	1939	1929	1935	1939	1929	1935	1939
United States	168,820	176,756	200,573	66,983,024	42,802,913	55,265,640	6,025,583	4,163,480	5,518,456
New England	9,756	9,580	10,107	4,005,910	2,528,497	3,171,487	418,535	265,606	339,782
Maine	986	970	1,032	175,853	127,840	165,848	23,516	17,225	22,304
New Hampshire	325	363	363	60,500	54,069	64,263	8,100	6,562	8,224
Vermont	308	344	383	57,393	53,567	57,112	6,876	7,295	7,778
Massachusetts	6,038	5,739	5,960	2,948,372	1,806,346	2,232,117	295,127	173,736	225,469
Rhode Island	734	683	762	275,357	180,597	239,013	28,077	21,307	25,175
Connecticut	1,365	1,481	1,607	488,435	306,078	413,134	56,839	39,481	50,832
Middle Atlantic	38,045	40,392	45,370	22,702,703	14,296,623	18,931,269	1,960,369	1,364,970	1,804,095
New York	25,202	26,915	30,389	17,143,753	10,846,966	14,508,479	1,416,070	1,005,722	1,327,329
New Jersey	2,334	3,025	3,531	935,521	708,645	1,075,302	110,901	90,195	131,758
Pennsylvania	10,509	10,452	11,450	4,623,429	2,741,012	3,347,488	433,398	269,053	345,008
E. North Central	32,058	35,638	40,634	13,445,712	8,709,015	11,228,015	1,312,127	836,217	1,099,196
Ohio	8,035	9,086	9,588	2,925,525	2,028,552	2,630,784	297,895	211,260	263,441
Indiana	3,726	4,333	4,842	888,816	654,917	847,035	82,615	64,391	87,433
Illinois	11,556	12,009	14,498	6,675,726	3,937,609	4,998,766	652,334	355,797	481,305
Michigan	5,239	6,065	6,908	2,027,341	1,410,767	1,926,474	181,373	132,112	181,782
Wisconsin	3,502	4,145	4,798	928,304	677,170	824,956	97,910	72,657	85,235
W. North Central	28,629	29,526	33,136	8,454,665	4,786,928	5,808,272	655,460	431,591	542,508
Minnesota	5,243	5,695	6,460	1,667,535	1,188,413	1,458,224	127,248	102,970	130,412
Iowa	4,946	5,063	5,802	1,043,316	627,795	790,518	80,817	51,254	69,088
Missouri	6,649	6,691	7,649	3,306,536	1,811,544	2,261,256	291,876	179,001	227,984
North Dakota	2,618	2,435	2,682	261,131	133,808	170,252	19,845	14,334	16,605
South Dakota	1,972	1,899	2,022	236,095	99,262	133,396	16,517	12,267	12,706
Nebraska	2,886	3,122	3,391	1,053,441	527,719	566,975	61,282	37,672	45,270
Kansas	4,315	4,621	5,130	886,611	398,387	427,651	57,875	34,093	40,443
South Atlantic	15,592	15,367	17,426	4,485,643	3,406,153	4,566,652	415,194	328,566	481,127
Delaware	286	262	316	118,087	106,300	157,474	7,329	10,061	21,858
Maryland	2,198	2,316	2,464	711,412	496,017	688,989	70,203	51,880	69,647
Dist. of Columbia	492	629	753	223,401	242,729	347,772	23,583	23,993	33,411
Virginia	2,331	2,123	2,432	621,139	502,951	627,632	64,293	49,621	70,698
West Virginia	1,127	1,251	1,424	341,433	231,076	284,196	36,751	26,956	35,939
North Carolina	2,403	2,458	2,859	695,118	555,396	831,251	58,640	43,795	70,346
South Carolina	1,539	1,422	1,450	333,528	267,122	297,211	22,036	17,734	22,991
Georgia	3,175	2,667	3,032	997,447	605,272	806,238	77,187	58,005	80,481
Florida	2,041	2,239	2,696	444,078	399,290	525,889	55,172	46,521	75,756
E. South Central	7,719	7,594	8,198	2,496,685	1,609,657	1,964,803	188,551	136,436	180,560
Kentucky	2,024	2,057	2,174	500,389	379,597	464,432	46,930	35,391	49,833
Tennessee	2,246	2,626	2,656	1,044,945	745,609	839,529	73,349	57,258	69,911
Alabama	1,737	1,668	1,943	566,403	304,549	415,688	45,398	29,750	41,049
Mississippi	1,712	1,243	1,425	384,948	179,902	245,154	22,874	14,037	19,767
W. South Central	17,526	15,056	18,470	4,739,143	2,696,574	3,457,385	370,047	251,415	339,691
Arkansas	2,045	1,504	1,785	366,510	180,309	248,916	25,368	16,761	21,826
Louisiana	1,726	2,131	2,391	830,965	580,260	706,402	68,063	55,493	68,065
Oklahoma	4,168	3,668	3,998	769,696	404,465	461,519	63,878	36,221	46,213
Texas	9,587	7,753	10,296	2,771,972	1,531,540	2,040,548	212,738	142,940	203,587
Mountain	5,777	6,413	7,300	1,173,657	847,030	1,088,587	114,113	88,458	119,078
Montana	1,243	1,254	1,336	158,227	121,641	130,584	14,342	11,988	13,523
Idaho	673	954	989	97,157	82,195	105,510	9,628	9,380	12,421
Wyoming	283	337	397	34,661	25,698	37,031	3,534	2,866	3,984
Colorado	2,075	1,884	2,296	539,626	324,382	435,126	48,353	30,868	44,356
New Mexico	315	397	542	53,143	45,579	66,387	5,119	4,585	7,767
Arizona	356	541	607	97,024	78,046	96,528	11,031	9,347	12,633
Utah	736	888	957	180,101	154,189	194,172	20,387	17,049	21,326
Nevada	96	158	176	13,718	15,300	23,249	1,719	2,375	3,068
Pacific	13,718	17,190	19,932	5,478,906	3,922,436	5,049,170	591,187	460,221	612,419
Washington	2,588	3,233	3,584	959,164	603,740	767,731	102,866	68,769	91,935
Oregon	1,437	1,615	1,934	465,196	343,443	441,310	51,038	36,550	49,368
California	9,693	12,342	14,414	4,054,546	2,975,253	3,840,129	437,283	354,902	471,116

No. 1041.—Wholesale Trade—Summary, by States: 1929, 1935, and 1939—Continued

Division and State	Active proprietors of unincorporated businesses			Employees, full-time and part-time (average for year) [1]			Total pay roll (thousands of dollars) [1]			Stocks on hand, end of year, at cost (thousands of dollars)
	1929	1935	1939	1929 [2]	1935 [2]	1939 [2]	1929	1935	1939	1939
United States	90,740	97,225	133,698	1,510,494	[3] 1,260,553	1,561,948	2,962,774	[3] 2,022,262	2,624,203	3,872,385
New England	4,897	5,166	5,476	106,152	81,521	94,134	203,583	134,822	168,419	237,973
Maine	542	504	608	7,214	6,271	7,286	11,202	8,427	10,135	18,132
New Hampshire	182	172	198	2,265	2,149	2,534	3,667	3,044	3,735	5,184
Vermont	192	140	209	1,898	2,158	2,354	2,899	2,952	3,434	5,140
Massachusetts	2,848	3,215	3,190	70,142	51,888	59,155	143,777	90,110	112,302	154,986
Rhode Island	432	369	456	7,516	6,328	7,430	14,534	9,936	12,435	20,993
Connecticut	701	766	815	17,117	12,727	15,375	27,504	20,353	26,378	33,538
Middle Atlantic	24,424	25,436	30,176	410,399	351,555	428,388	952,754	662,736	865,077	1,179,702
New York	17,136	16,626	19,577	274,699	243,120	292,807	683,265	487,139	631,525	897,701
New Jersey	1,169	1,570	1,928	26,578	26,386	36,609	54,648	43,225	64,412	77,354
Pennsylvania	6,119	7,240	8,671	109,122	82,049	98,972	214,841	132,372	169,140	204,647
East North Central	16,315	19,732	26,829	334,833	262,920	306,291	676,977	428,040	535,306	645,976
Ohio	4,104	5,323	6,021	79,075	68,394	75,975	151,481	109,535	132,423	150,867
Indiana	2,180	2,183	3,358	24,311	23,263	28,555	42,531	32,469	42,844	58,070
Illinois	5,943	6,611	9,555	158,043	104,740	122,741	338,395	182,989	228,407	257,764
Michigan	2,545	3,580	4,878	44,584	41,587	52,292	94,052	65,653	88,969	105,907
Wisconsin	1,543	2,035	3,017	28,820	24,936	26,728	50,518	37,394	42,663	73,368
West North Central	12,931	13,745	21,845	187,276	144,219	166,649	322,642	208,758	250,878	448,243
Minnesota	2,329	2,585	4,077	36,054	32,079	37,523	62,428	49,564	60,716	130,766
Iowa	2,560	2,619	4,307	26,748	19,753	24,120	40,839	25,515	32,088	47,996
Missouri	3,088	3,740	5,202	77,329	56,576	64,373	144,167	87,798	106,362	157,564
North Dakota	627	588	1,300	5,917	4,935	5,901	9,935	6,395	7,795	22,604
South Dakota	444	534	1,100	5,352	4,478	4,697	8,614	5,469	5,631	12,175
Nebraska	1,551	1,603	2,338	16,882	13,672	15,038	28,047	17,892	20,723	35,464
Kansas	2,332	2,076	3,521	18,994	12,726	14,997	28,612	16,125	18,163	41,674
South Atlantic	8,973	8,546	11,759	122,630	117,143	172,021	197,200	154,894	222,078	361,614
Delaware	200	148	189	2,118	1,899	2,946	3,778	3,175	6,018	4,562
Maryland	1,512	1,744	1,906	21,712	19,164	23,533	32,752	25,456	33,412	41,557
District of Columbia	267	327	437	6,756	8,274	10,250	12,666	13,819	18,388	18,215
Virginia	1,027	1,065	1,500	20,139	18,846	28,236	29,575	23,751	33,971	75,222
West Virginia	563	617	757	10,047	8,835	11,525	19,216	13,161	17,153	26,219
North Carolina	1,625	1,460	2,075	15,745	16,980	30,347	25,679	20,456	33,838	85,218
South Carolina	1,053	809	1,102	6,113	6,128	8,241	10,535	7,630	9,994	16,312
Georgia	1,900	1,371	2,094	21,275	18,444	24,501	36,728	25,601	34,899	53,133
Florida	826	1,005	1,699	18,725	18,573	32,442	26,271	21,845	34,405	40,986
East South Central	4,916	4,329	6,292	58,388	51,445	63,900	94,377	65,345	82,116	197,436
Kentucky	1,437	1,240	1,673	17,725	15,765	19,499	25,872	18,041	23,671	67,664
Tennessee	1,547	1,536	1,912	20,981	19,929	23,171	34,434	27,226	31,353	68,484
Alabama	898	920	1,571	13,428	10,675	14,202	23,551	14,201	18,910	34,923
Mississippi	1,034	633	1,136	6,254	5,076	7,028	10,520	5,877	8,182	26,365
West South Central	10,111	7,618	13,298	99,104	80,237	111,952	167,831	107,293	150,786	313,303
Arkansas	1,579	747	1,468	7,797	6,006	7,890	11,949	7,347	9,643	20,651
Louisiana	827	938	1,434	17,037	17,372	24,024	29,252	23,873	32,822	65,361
Oklahoma	2,061	1,792	2,769	18,268	12,809	15,559	30,784	17,603	21,561	35,842
Texas	5,644	4,141	7,627	56,002	44,050	64,479	95,846	58,470	86,760	191,449
Mountain	2,246	2,323	4,609	32,398	28,615	37,467	55,569	41,310	53,990	89,248
Montana	275	225	599	4,133	4,040	4,132	6,979	5,904	6,130	16,000
Idaho	291	360	606	3,271	3,372	4,695	4,479	4,025	5,282	9,451
Wyoming	93	123	312	871	874	1,210	1,855	1,224	1,671	3,654
Colorado	893	830	1,576	13,869	10,102	13,675	23,947	15,064	20,433	27,729
New Mexico	103	141	414	1,257	1,433	2,463	2,313	2,065	3,197	7,752
Arizona	157	239	390	2,976	2,670	3,854	5,407	3,922	5,623	7,732
Utah	402	357	604	5,544	5,475	6,705	9,712	8,046	10,358	14,824
Nevada	32	48	108	477	649	733	877	1,060	1,296	2,106
Pacific	5,927	10,330	13,414	159,314	142,898	181,146	291,841	219,064	295,553	398,890
Washington	953	1,206	1,820	27,795	22,725	27,425	50,972	34,690	44,619	59,786
Oregon	631	674	1,025	14,055	11,316	15,443	24,056	17,625	24,630	38,455
California	4,343	8,450	10,569	117,464	108,857	138,278	216,813	166,749	226,304	300,649

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.
[2] Figures for 1935 and 1939 are monthly averages; those for 1929 are quarterly averages.
[3] Does not include data for commission bulk tank stations.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. II, Wholesale Trade.

No. 1042.—Retail Trade—Sales,[1] by Kind-of-Business Groups; and Total Inventories: 1929 to 1949

[Millions of dollars]

KIND-OF-BUSINESS GROUP	1929	1935	1939	1943	1944	1945	1946	1947	1948	1949
All retail stores	[1] 48,459	32,791	42,042	63,321	68,823	75,781	100,298	118,908	130,042	128,183
Durable goods stores	14,180	7,626	10,379	9,855	10,618	12,285	22,611	32,142	38,008	39,874
Automotive group	7,043	4,237	5,549	3,242	3,465	4,130	9,658	15,528	19,309	22,728
Motor vehicle dealers	6,444	3,863	5,025	2,494	2,615	3,066	7,995	13,850	17,530	21,085
Parts and accessories	599	374	524	748	850	1,064	1,663	1,678	1,779	1,643
Building materials and hardware group	3,846	1,864	2,735	3,391	3,717	4,271	6,750	9,092	10,710	9,509
Building materials	2,621	1,105	1,761	2,079	2,171	2,508	4,137	5,695	6,801	6,020
Farm implements	519	292	345	410	539	586	787	1,180	1,555	1,401
Hardware	706	467	629	902	1,007	1,177	1,826	2,217	2,354	2,088
Home furnishings group	2,755	1,290	1,733	2,258	2,454	2,813	4,860	6,213	6,725	6,537
Furniture and house furnishings	1,813	852	1,200	1,785	1,951	2,145	3,175	3,746	4,045	3,744
Household appliances and radios	942	438	533	473	503	668	1,685	2,467	2,680	2,793
Jewelry	536	235	362	964	982	1,071	1,343	1,309	1,264	1,100
Nondurable goods stores	34,279	25,165	31,663	53,466	58,205	63,496	77,687	86,766	92,034	88,309
Apparel group	4,241	2,656	3,259	6,323	6,869	7,685	8,981	9,413	9,865	9,175
Men's clothing and furnishings	1,358	727	840	1,497	1,618	1,806	2,227	2,414	2,412	2,223
Women's apparel and accessories	1,480	1,026	1,323	2,893	3,193	3,589	4,033	4,141	4,530	4,193
Family and other apparel	596	392	479	907	986	1,093	1,262	1,325	1,386	1,281
Shoes	807	511	617	1,026	1,072	1,197	1,459	1,533	1,537	1,478
Drug stores	1,690	1,233	1,563	2,588	2,811	3,023	3,520	3,659	3,687	3,605
Eating and drinking places	2,125	2,391	3,520	7,834	9,051	10,409	11,962	12,035	12,112	11,240
Food group	10,967	8,362	10,165	16,775	17,940	18,927	24,005	28,384	30,506	30,298
Grocery and combination	7,353	6,352	7,722	12,701	13,662	14,330	18,477	22,364	24,111	24,154
Other food	3,614	2,010	2,443	4,074	4,278	4,597	5,528	6,020	6,395	6,144
Filling stations [2]	1,787	1,968	2,822	2,453	2,604	3,016	4,065	5,193	6,325	6,363
General merchandise group	9,015	5,730	6,475	9,977	10,890	11,689	14,611	16,033	17,015	16,019
Department, including mail order	4,350	3,311	3,975	6,132	6,764	7,428	9,621	10,645	11,337	10,618
General, including general merchandise with food	2,710	1,110	922	1,301	1,388	1,417	1,676	1,858	1,938	1,766
Dry goods and other general merchandise	1,051	528	601	1,119	1,208	1,249	1,463	1,538	1,609	1,509
Variety	904	781	977	1,425	1,530	1,595	1,851	1,992	2,131	2,123
Other retail stores	4,454	2,825	3,859	7,516	8,040	8,747	10,543	12,049	12,524	11,609
Liquor		328	586	1,234	1,485	1,700	1,973	1,916	1,854	1,766
All other	4,454	2,497	3,273	6,282	6,555	7,047	8,570	10,133	10,670	9,843
All retail stores, inventories, end of year	7,298	4,364	5,285	6,872	6,906	7,049	10,739	12,666	14,402	13,250

[1] Includes sales of certain milk dealers in the amount of $130,000,000, not included in tables 1043, 1049, and 1051. Data for these concerns were received too late for inclusion in summary tables for 1929.

[2] Much of increase in sales of filling stations from 1929 to 1939 results from change in classification. Garages primarily selling gasoline and oil were classified separately as garages in 1929 Census of Retail Trade and included in filling station category in 1939 Census of Retail Trade.

Source: 1929 through 1939, Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. I, Retail Trade, Part 3. Other years, estimates by Department of Commerce, Office of Business Economics, based on trends shown by statistics available currently; published currently in Survey of Current Business.

No. 1043.—Retail Trade—Number of Stores and Sales, by Business Groups and Kind of Business: 1929, 1935, and 1939

Kind of business	Number of stores			Sales (thousands of dollars)		
	1929	1935	1939	1929	1935	1939
United States total [1]	1,476,365	1,587,718	1,770,355	48,329,652	32,791,212	42,041,790
Food group	481,891	532,010	560,549	10,837,421	8,362,425	10,164,967
Grocery stores (without fresh meats)	191,876	188,738	200,303	3,449,129	2,202,607	2,225,435
Combination stores (groceries-meats)	115,549	166,233	187,034	3,903,662	4,149,813	5,496,318
Dairy products stores, milk dealers	8,478	16,380	16,834	726,961	576,351	740,011
Meat markets, fish markets	49,865	39,474	42,370	1,336,958	612,451	750,797
Candy, nut, confectionery stores	63,265	55,197	48,015	571,549	314,467	295,300
Fruit stores, vegetable markets	22,904	32,632	27,666	308,379	215,965	222,239
Other food stores	29,954	33,356	38,337	540,783	290,771	434,867
General stores (with food)	104,089	66,701	39,688	2,570,744	1,110,403	810,342
General merchandise group	54,636	44,651	50,267	6,444,101	4,619,751	5,665,007
Department stores [2]	4,221	4,201	4,074	4,350,098	3,311,070	3,974,998
Dry goods and general merchandise stores	38,305	28,709	29,247	1,189,856	527,862	713,208
Variety stores	12,110	11,741	16,946	904,147	780,819	976,801
Apparel group	114,296	95,968	106,959	4,240,893	2,656,242	3,258,772
Men's-boys' clothing, furnishings, hat stores	28,197	20,914	21,501	1,192,723	659,617	773,312
Family clothing stores	10,551	7,881	10,053	552,353	358,849	429,454
Women's ready-to-wear stores	18,253	21,975	25,820	1,087,601	794,992	1,009,494
Accessories, other apparel stores	33,036	26,231	29,008	601,387	331,385	429,448
Shoe stores (all kinds)	24,259	18,967	20,487	806,829	511,399	617,064
Furniture—household—radio group	58,941	45,215	52,827	2,754,721	1,289,896	1,733,257
Furniture stores	25,153	17,043	19,902	1,509,815	694,578	973,157
Other home furnishing stores	8,820	9,776	12,012	303,430	156,995	226,727
Household appliance, radio dealers	24,968	18,396	20,913	941,476	438,323	533,373
Automotive group [1]	69,379	50,459	60,132	7,043,386	4,236,586	5,548,687
Motor-vehicle dealers (new)	42,204	30,294	33,609	6,266,580	3,725,438	4,810,245
Used-car dealers	3,097	4,751	6,980	140,932	122,204	193,790
Accessory, tire, battery dealers	22,313	14,343	18,525	599,295	373,910	523,685
Other automotive [3]	1,765	1,071	1,018	36,579	15,034	20,967
Filling stations	121,513	197,568	241,858	1,787,423	1,967,714	2,822,495
Lumber—building group	52,814	36,553	39,667	2,621,064	1,105,296	1,761,205
Lumber and building-materials dealers	26,377	21,149	25,067	1,981,284	866,865	1,478,459
Heating, plumbing, paint, electrical stores	26,437	15,404	14,600	639,780	238,431	282,746
Hardware group	37,572	36,633	39,646	1,224,560	758,979	973,709
Hardware stores	25,330	26,996	29,147	706,053	467,217	629,276
Farm implement—tractor—hardware dealers	12,242	9,637	10,499	518,507	291,762	344,433
Eating places	134,293	153,468	169,792	2,124,890	1,666,899	2,135,020
Drinking places	----------	98,005	135,594	----------	723,961	1,385,032
Drug stores	58,258	56,697	57,903	1,690,399	1,232,593	1,562,502
Liquor stores (packaged goods)	----------	12,105	19,136	----------	328,307	586,351
Other retail stores	173,618	139,135	172,375	4,841,982	2,618,820	3,496,437
Fuel, ice, fuel-oil dealers	19,118	35,293	41,172	1,013,369	859,018	1,013,542
Hay, grain, and feed stores	21,394	11,132	16,772	990,742	346,667	623,977
Farm and garden supply stores	5,740	9,176	4,915	128,422	252,471	155,312
Jewelry stores	19,998	12,447	14,559	536,281	234,893	361,595
Cigar stores, cigar stands	33,248	15,350	18,504	410,064	182,950	207,781
Florists	9,328	11,242	16,055	176,201	98,718	148,741
News dealers	10,285	7,071	7,407	149,866	61,655	72,427
Other retail stores	54,507	37,424	52,991	1,437,037	582,448	913,062
Second-hand stores	15,065	22,550	23,962	148,068	113,340	138,007

[1] Previously published totals for 1929 and 1935 revised to exclude data for service garages and other automotive service businesses whose receipts from service sales exceed their sales of merchandise. These are included in the Census of Service Establishments for 1939.

[2] Includes general merchandise mail-order houses.

[3] Bicycle shops, included in this classification for 1929, are included in "Other retail stores" for 1935 and 1939.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. I, Retail Trade, Part 3.

No. 1044.—Sales of Retail Stores, By Months: 1946 to 1949

[Millions of dollars. Figures are seasonally adjusted]

Month	All retail stores				Durable goods stores [1]				Nondurable goods stores [1]			
	1946	1947	1948	1949	1946	1947	1948	1949	1946	1947	1948	1949
Year	**100,298**	**118,908**	**130,042**	**128,183**	**22,611**	**32,142**	**38,008**	**39,874**	**77,687**	**86,766**	**92,034**	**88,309**
January	7,391	9,200	10,590	10,611	1,402	2,357	3,009	3,023	5,989	6,843	7,581	7,588
February	7,599	9,409	10,597	10,706	1,428	2,498	3,033	3,207	6,171	6,911	7,564	7,499
March	7,720	9,502	10,809	10,724	1,510	2,528	3,198	3,309	6,210	6,974	7,611	7,415
April	7,913	9,698	10,962	10,814	1,668	2,596	3,242	3,314	6,245	7,102	7,720	7,500
May	8,107	9,752	10,640	10,759	1,820	2,538	2,935	3,328	6,287	7,214	7,705	7,431
June	8,124	9,846	10,855	10,684	1,771	2,628	3,113	3,346	6,353	7,218	7,742	7,338
July	8,458	9,893	10,949	10,549	1,918	2,637	3,213	3,333	6,540	7,256	7,736	7,216
August	8,951	9,865	11,030	10,669	2,077	2,628	3,365	3,480	6,874	7,237	7,665	7,189
September	8,850	10,295	10,961	10,856	2,166	2,860	3,254	3,504	6,684	7,435	7,707	7,352
October	8,858	10,322	10,899	10,678	2,217	2,918	3,196	3,551	6,641	7,404	7,703	7,127
November	9,083	10,480	10,763	10,630	2,241	2,929	3,196	3,334	6,842	7,551	7,567	7,296
December	9,244	10,646	10,987	10,503	2,393	3,025	3,254	3,145	6,851	7,621	7,733	7,358

[1] Durable goods include building materials and hardware group, home furnishings group, automotive group, and jewelry stores; nondurable goods stores include all other kinds of business.

Source: Department of Commerce, Office of Business Economics; published currently in Survey of Current Business.

No. 1045.—Retail Trade—Number of Stores and Sales, by Size of Store: 1929, 1935, and 1939

[Figures revised to exclude service garages classified in 1929 and 1935 as retail but included in Service Census in 1939. Size groups for 1935 exceed total by 987 stores and $87,777,000 of sales, to avoid disclosures as explained in 1935 report (Retail Distribution: 1935, Vol. I, pp. 1–34)]

Annual sales group and year	Stores		Sales	
	Number	Percent	Amount ($1,000)	Percent
$300,000 and over: 1929	15,029	1.0	12,323,766	25.5
1935	8,443	.5	6,879,155	20.9
1939	12,630	.7	9,855,631	23.4
$100,000 to $299,999: 1929	62,009	4.2	9,786,669	20.2
1935	37,196	2.4	5,828,224	17.7
1939	50,097	2.8	7,955,285	18.9
$50,000 to $99,999: 1929	127,148	8.6	8,631,797	17.9
1935	72,562	4.6	4,989,553	15.2
1939	93,318	5.3	6,394,703	15.2
$30,000 to $49,999: 1929	173,269	11.7	6,617,169	13.7
1935	119,705	7.5	4,581,413	14.0
1939	133,221	7.5	5,077,007	12.1
$10,000 to $29,999: 1929	468,885	31.8	8,349,491	17.3
1935	415,165	26.1	7,114,216	21.6
1939	522,117	29.5	8,938,632	21.3
Less than $10,000: 1929	630,025	42.7	2,620,760	5.4
1935	935,634	58.9	3,486,428	10.6
1939	958,972	54.2	3,820,532	9.1

No. 1046.—Retail Trade—Employment by Size of Store, Based on Number Employed: 1939

Number of employees per store	Stores		Sales		Proprietors		Employees	
	Number	Percent	Amount ($1,000)	Percent	Number	Percent	Number	Percent
Total, all stores	**1,770,355**	**100.0**	**42,041,790**	**100.0**	**1,613,673**	**100.0**	**4,600,217**	**100.0**
100 or more	2,173	.1	4,631,083	11.0	198	-------	687,831	15.0
20 to 99	27,573	1.6	7,499,654	17.8	7,382	.4	975,384	21.2
10 to 19	50,732	2.9	5,428,733	12.9	23,986	1.5	667,871	14.5
8 or 9	28,446	1.6	1,995,740	4.8	15,559	1.0	238,421	5.2
6 or 7	60,762	3.4	3,243,946	7.7	40,101	2.5	388,008	8.4
4 or 5	121,914	6.9	4,447,498	10.6	88,304	5.5	532,703	11.6
3	122,357	6.9	3,169,777	7.5	96,683	6.0	363,617	7.9
2	201,941	11.4	3,670,135	8.7	172,531	10.7	398,696	8.7
1 [1]	401,164	22.6	4,103,592	9.8	383,075	23.7	347,686	7.5
No paid employees	753,293	42.6	3,851,632	9.2	785,854	48.7	-------	-------

[1] Or fraction on monthly average basis.

Source of tables 1045 and 1046: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. I, Retail Trade.

No. 1047.—Retail Trade—Summary, by Business Groups and Kind of Business: 1939

KIND OF BUSINESS	Number of stores	Sales (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) [1]	Pay roll (thousands of dollars) [1]	Stocks on hand, end of year, at cost (thousands of dollars)
United States total	**1,770,355**	**42,041,790**	**1,613,673**	**4,600,217**	**4,529,499**	**5,116,583**
Food group	**560,549**	**10,164,967**	**516,976**	**798,462**	**760,762**	**589,938**
Grocery stores (without fresh meats)	200,303	2,225,435	178,182	131,102	110,663	196,202
Combination stores (groceries-meats)	187,034	5,496,318	173,799	408,900	354,140	343,947
Dairy products stores	7,382	142,728	4,111	20,314	17,892	3,237
Milk dealers	9,452	597,283	9,207	81,586	140,078	4,859
Meat markets	35,630	700,243	35,886	47,798	50,984	7,817
Fish (sea food) markets	6,730	50,554	6,968	5,280	4,246	490
Candy, nut stores	4,625	40,200	3,087	6,775	5,040	1,191
Confectionery stores	43,390	255,100	42,690	23,801	15,104	13,411
Delicatessen stores	9,909	132,365	9,895	8,140	6,911	9,109
Fruit stores, vegetable markets	27,666	222,239	28,282	20,075	15,993	3,187
Bakeries, caterers	16,985	168,027	14,284	26,941	21,735	1,398
Egg and poultry dealers	6,532	63,350	6,545	4,966	3,514	670
Other food stores	4,911	71,125	4,040	12,784	14,462	4,420
General stores (with food)	**39,688**	**810,342**	**38,646**	**60,701**	**47,376**	**174,130**
General merchandise group	**50,267**	**5,665,007**	**36,362**	**867,007**	**803,485**	**922,178**
Department stores	4,074	3,974,998	560	566,052	611,706	561,493
Dry goods stores	15,628	229,286	14,748	26,597	22,730	77,192
General merchandise stores with food	2,737	112,108	2,448	10,828	9,409	25,767
General merchandise stores—other	10,882	371,814	8,714	51,764	37,836	118,072
Variety stores	16,946	976,801	9,892	211,766	121,804	139,654
Apparel group	**106,959**	**3,258,772**	**82,329**	**388,737**	**420,823**	**674,674**
Men's-boys' furnishings stores	5,122	93,203	4,187	7,273	9,049	27,258
Men's-boys' hat stores	802	15,598	465	1,580	1,819	2,606
Men's-boys' clothing stores (and furnishings)	15,577	664,511	13,194	57,730	80,382	194,671
Family clothing stores	10,053	429,454	8,317	56,334	58.478	106,800
Women's ready-to-wear stores	25,820	1,009,494	20,711	133,586	132,674	127,752
Furriers, fur shops	2,214	94,133	1,794	10,289	16,809	18,761
Millinery stores	10,799	118,586	7,472	23,559	18,888	5,023
Corset and lingerie shops	2,338	27,938	2,111	3,254	3,077	6,265
Hosiery shops	2,293	35,307	1,531	7,989	3,893	4,562
Other women's accessories stores	1,863	37,318	1,261	4,090	3,769	6,492
Infants' wear shops	625	13,436	554	1,341	1,275	3,223
Other apparel stores	3,292	36,448	3,204	5,186	4,872	8,145
Custom tailors	5,674	66,282	5,523	12,380	16,088	10,149
Men's shoe stores	2,472	78,770	650	5,694	7,462	16,427
Family shoe stores	15,280	384,156	10,417	40,711	42,831	113,247
Women's shoe stores	2,735	154,138	938	17,741	19,457	23,293
Furniture—household—radio group	**52,827**	**1,733,257**	**42,491**	**213,635**	**280,545**	**366,761**
Furniture stores	19,902	973,157	17,361	104,151	146,311	213,375
Floor coverings stores	1,986	58,618	1,826	6,083	9,311	15,148
Drapery, curtain, upholstery stores	930	15,843	859	1,906	2,054	3,702
China, glassware, metalware stores	778	21,821	582	2,915	3,655	6,755
Interior decorators	886	27,930	759	3,235	4,676	4,936
Antique shops	3,324	17,743	3,321	1,594	2,178	18,815
Other home-furnishings stores	4,108	84,772	3,733	19,459	21,335	19,290
Household appliance dealers	11,095	294,518	4,846	49,185	60,301	45,979
Radio and household-appliance stores	6,907	190,180	6,463	19,512	23,596	28,968
Radio stores	2,409	22,901	2,361	2,261	2,461	3,758
Radio and musical instrument stores	502	25,774	380	3,334	4,667	6,035
Automotive group	**60,132**	**5,548,687**	**51,238**	**389,298**	**507,947**	**554,960**
Motor-vehicle dealers (new and trade-in)	31,511	4,292,716	27,318	287,270	378,615	403,998
Motor-vehicle and farm-implement dealers	1,170	88,607	1,239	6,638	7,259	13,449
Motor-vehicle dealers (retail and wholesale)	928	428,922	512	22,794	34,714	31,649
Used-car dealers	6,980	193,790	6,808	12,981	14,177	25,985
Accessory, tire, battery dealers	18,525	523,685	14,424	57,601	70,665	75,611
Motorcycle dealers	513	8,619	504	895	1,023	2,032
Aircraft dealers	51	2,358	22	273	375	497
Motorboat, yacht dealers	454	9,990	411	846	1,119	1,739
Filling stations	**241,858**	**2,822,495**	**231,475**	**235,527**	**198,934**	**99,401**
Lumber—building group	**39,667**	**1,761,205**	**26,135**	**169,799**	**220,628**	**389,053**
Lumber yards	20,621	1,196,817	10,615	109,624	143,269	295,714
Building-materials dealers	4,446	281,642	3,387	25,649	34,002	36,583
Heating and plumbing equipment dealers	4,262	102,404	3,644	14,932	18,924	15,470
Paint, glass, wallpaper stores	8,480	152,673	6,781	15,642	19,495	35,012
Electrical supply stores	1,858	27,669	1,708	3,952	4,938	6,274
Hardware group	**39,646**	**973,709**	**39,620**	**82,497**	**91,532**	**317,063**
Hardware stores	29,147	629,276	28,709	56,762	63,679	227,852
Farm implement—tractor—hardware dealers	10,499	344,433	10,911	25,735	27,853	89,211

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

No. 1047.—Retail Trade—Summary, by Business Groups and Kind of Business: 1939—Continued

KIND OF BUSINESS	Number of stores	Sales (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) [1]	Pay roll (thousands of dollars) [1]	Stocks on hand, end of year, at cost (thousands of dollars)
Eating places	**169,792**	**2,135,020**	**170,002**	**594,648**	**405,896**	**34,900**
Restaurants, cafeterias, lunchrooms	99,068	1,764,854	101,276	529,528	364,451	29,466
Lunch counters and stands	62,673	332,295	61,364	58,728	37,532	4,487
Soft drink, juice, ice cream stands	8,051	37,871	7,362	6,392	3,913	947
Drinking places	**135,594**	**1,385,032**	**136,217**	**212,235**	**159,689**	**38,164**
Drinking places with meals	82,310	967,736	82,596	159,966	118,775	25,954
Drinking places—other	53,284	417,296	53,621	52,269	40,914	12,210
Drug stores	**57,903**	**1,562,502**	**49,673**	**189,403**	**172,733**	**304,883**
Drug stores with fountain	39,452	1,205,241	33,257	156,366	137,994	218,799
Drug stores—other	18,451	357,261	16,416	33,037	34,739	86,084
Liquor stores (packaged goods)	**19,136**	**586,351**	**13,670**	**25,676**	**30,782**	**66,203**
Other retail stores	**172,375**	**3,496,437**	**154,825**	**349,792**	**407,609**	**543,135**
Fuel and ice dealers	38,329	887,617	34,784	96,315	109,910	66,445
Fuel-oil retailers	2,843	125,925	2,426	9,169	13,873	5,089
Hay, grain, and feed stores (with groceries)	1,860	64,912	1,523	3,905	3,210	6,203
Hay, grain, and feed—farm implements	1,126	82,820	785	4,786	5,032	10,280
Hay, grain, and feed stores—other	13,786	476,245	11,645	26,660	25,707	42,394
Farm and garden supply stores	4,915	155,312	4,074	13,710	13,447	21,498
Jewelry stores	14,559	361,595	13,077	35,249	53,965	162,599
Book stores	2,845	73,842	2,156	12,434	13,932	16,152
Stationery stores	3,497	58,814	3,317	6,690	7,703	12,933
Cigar stores, cigar stands	18,504	207,781	16,748	14,425	14,085	18,456
Florists	16,055	148,741	16,074	23,128	22,641	9,493
Gift, novelty, souvenir shops	7,429	53,568	7,227	6,317	5,548	17,076
News dealers	7,407	72,427	6,038	11,671	6,335	3,894
Office, store appliance and equipment dealers	3,600	149,216	2,850	19,949	29,049	27,108
Office, store, school supply dealers	1,539	59,370	1,124	8,097	11,300	12,619
Opticians	5,995	60,567	5,412	7,655	11,919	6,770
Photographic supply—camera stores	1,112	32,343	982	3,277	4,086	6,412
Sporting goods stores	2,005	56,914	2,393	5,229	6,653	16,234
Bicycle shops	941	6,837	937	765	630	1,620
Luggage stores	759	19,345	606	1,942	2,601	6,080
Piano, musical instrument stores	2,930	65,127	2,534	8,282	11,049	16,237
Scientific, medical instrument and supply dealers	961	17,509	774	2,113	3,007	3,222
Other retail stores	18,778	259,610	17,339	28,024	31,927	54,321
Second-hand stores	**23,962**	**138,007**	**24,014**	**22,800**	**20,758**	**41,140**
Book stores	588	4,050	578	441	488	2,790
Clothing, shoe stores	3,558	9,766	3,430	1,673	922	2,380
Furniture stores	7,875	31,463	7,882	4,016	3,061	6,461
Tires, accessories, parts	6,403	39,863	6,814	8,208	6,888	8,953
Pawn shops (sales)	1,373	22,868	1,252	2,993	4,357	12,904
Other second-hand stores	4,165	29,997	4,058	5,469	5,042	7,652

[1] Employees and pay roll include paid executives of corporations but not the number and compensation of proprietors of unincorporated businesses.

No. 1048.—Retail Chains—Summary: 1929, 1935, and 1939

[All money figures in thousands of dollars]

ITEM	1929 [1]	1935 [1]	1939	ITEM	1935	1939
Number of chains	7,061	6,072	6,969	Number of employees	1,171,671	1,339,496
Number of retail units (stores) [2]	159,638	139,773	132,763	Stores	1,071,694	1,228,161
Number of warehouses	559	492	[3] 1,176	Central offices and warehouses	99,977	111,335
Number of central offices	[4]	1,914	3,005	Salaries officers	[4]	4,724
Sales through stores, all chains [2]	10,740,385	8,458,837	10,104,713	Other employees	[4]	106,611
Billings (at wholesale) to own stores through warehouses	1,929,681	[5] 1,864,221	[5] 2,726,428	Pay roll	1,211,066	1,439,117
Warehouse stocks, end of year, at cost	98,840	93,471	167,122	Stores	1,023,125	1,215,540
				Central offices and warehouses	187,941	223,577
				Salaried officers	[4]	37,629
				Other employees	[4]	185,948

[1] Figures for 1935 revised to exclude service garages; data to adjust 1929 figures not available.
[2] Represents, in addition to chain data shown in tables 1049 and 1050, data for multiunit organizations with 4 or more retail units, such as public utility stores, State liquor stores, direct selling (house-to-house), and other lesser types.
[3] Not strictly comparable with previous years; a schedule form provided for reporting warehouse operations for 1939 resulted in the receipt of a greater number of separate reports.
[4] Data not available.
[5] Includes estimates for a small number of warehouses for which billings were not reported.

Source of tables 1047 and 1048: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. I, Retail Trade, Part 3, for table 1047; Part I, for table 1048.

No. 1049.—Retail Trade—Number of Stores and Sales, by Type of Operation: 1929, 1935, and 1939

[Figures for 1929 and 1935 have been adjusted between types as grouped for 1939]

Type of operation	Number of stores			Sales (thousands of dollars)		
	1929 [1]	1935 [1]	1939	1929 [1]	1935 [1]	1939
Total, all types	1,543,158	1,587,718	1,770,355	49,114,653	32,791,212	42,041,790
Independents	1,380,607	1,435,054	1,624,665	38,124,439	24,020,134	31,409,859
Chains	151,712	131,430	123,195	9,964,547	7,653,416	9,105,825
Utility-operated stores	4,053	3,936	4,836	163,371	123,242	151,539
Direct selling (house-to-house)	1,661	6,349	5,199	93,961	125,316	153,397
Commissaries or company stores	1,347	1,888	2,007	115,583	113,126	148,248
Farmer and consumer cooperative stores	1,709	1,801	3,698	116,995	119,827	224,375
State liquor stores		2,080	2,618		163,381	249,430
Mail-order houses	271	378	434	515,237	420,027	537,413
Other types of operation	1,798	4,802	3,703	20,520	52,743	61,704

[1] Figures for 1935 revised to exclude data for service garages classified that year as Retail but included in Service Census for 1939. Data to adjust 1929 figures are not available.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. I, Retail Trade.

No. 1050.—Retail Trade—Summary, by Type of Operation and by Kind of Business: 1939

Type of operation and kind of business	Number of stores	Sales (thousands of dollars)	Percent of total sales	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) [1]	Total pay roll (thousands of dollars) [1]	Stocks on hand, end of year, at cost (thousands of dollars)
Total	1,770,355	42,041,790	100.0	1,613,673	4,600,217	4,529,499	5,116,583
Independents	1,624,665	31,409,859	74.7	1,602,937	3,322,447	3,259,854	4,048,753
Single-store	1,521,145	27,417,200	65.2	1,541,060	2,839,921	2,727,852	3,511,964
Multiunit	77,845	3,752,509	8.9	37,544	457,560	510,852	523,877
Market and roadside stands	18,014	103,162	.3	17,281	10,656	7,675	1,798
Leased departments—independent	7,661	136,988	.3	7,052	14,310	13,475	11,114
Chains	123,195	9,105,825	21.7	3,102	1,118,374	1,090,106	876,948
Local chains	25,455	1,581,386	3.8	2,081	192,943	207,430	143,462
Sectional or national chains	82,049	6,771,009	16.1	839	830,320	767,908	652,734
Manufacturer-controlled chains	10,123	583,062	1.4	36	70,414	91,781	65,823
Leased-department chains	5,568	170,368	.4	146	24,697	22,987	14,929
Other types	22,495	1,526,106	3.6	7,634	159,396	179,539	190,882
Utility-operated stores	4,836	151,539	.4	138	25,928	31,281	24,250
Direct selling (house-to-house)	5,199	153,397	.4	3,492	40,883	42,982	7,803
Commissaries or company stores	2,007	148,248	.3	231	11,980	13,183	16,868
Farmer and consumer cooperative stores	3,698	224,375	.5		16,861	17,546	20,621
State liquor stores	2,618	249,430	.6		7,960	10,707	18,254
Mail-order houses	434	537,413	1.3	257	50,955	58,487	100,035
Other types of operation	3,703	61,704	.1	3,516	4,829	5,353	3,051
Grocery stores (without fresh meats)	200,303	2,225,435	100.0	178,182	131,102	110,663	196,202
Independents	179,335	1,491,473	67.0	177,582	69,402	49,191	148,916
Chains	20,093	720,427	32.4	129	59,892	59,886	46,062
Direct selling (house-to-house)	263	3,456	.2	228	793	750	255
Commissaries or company stores	307	4,597	.2	129	346	322	403
Other types	305	5,482	.2	114	669	514	566
Combination stores (groceries-meats)	187,034	5,496,318	100.0	173,799	408,900	354,140	343,947
Independents	166,276	3,366,153	61.3	173,302	238,454	188,977	246,726
Chains	20,257	2,112,092	38.4	339	168,826	163,669	95,695
Commissaries or company stores	166	6,557	.1	27	472	516	633
Other types	335	11,516	.2	131	1,148	978	893
Dairy products, milk dealers	16,834	740,011	100.0	13,318	101,900	157,970	8,096
Independents	13,603	418,408	56.5	13,199	59,344	80,877	5,674
Chains	3,076	306,028	41.4	78	40,406	73,646	2,266
Other types	155	15,575	2.1	41	2,150	3,447	156
Candy, nut, confectionery stores	48,015	295,300	100.0	45,777	30,576	20,144	14,602
Independents	45,579	242,183	82.0	45,533	19,952	12,058	13,562
Chains	2,223	51,043	17.3	66	10,383	7,883	941
Other types	213	2,074	.7	178	241	203	99

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

No. 1050.—Retail Trade—Summary, by Type of Operation and by Kind of Business: 1939—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Number of stores	Sales (thousands of dollars)	Percent of total sales	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) [1]	Total pay roll (thousands of dollars) [1]	Stocks on hand, end of year, at cost (thousands of dollars)
Department stores	4,074	3,974,998	100.0	560	566,052	611,706	561,493
Independents	1,371	2,312,279	58.2	535	371,903	423,654	317,610
Chains	2,672	1,194,517	30.0	25	150,064	137,626	153,840
Mail-order houses	24	464,289	11.7	----------	43,635	49,876	89,519
Other types	7	3,913	.1	----------	450	550	524
Variety stores	16,946	976,801	100.0	9,892	211,766	121,804	139,654
Independents	10,555	128,909	13.2	9,755	22,283	11,014	36,257
Chains	6,372	847,686	86.8	121	189,469	110,778	103,377
Other types	19	206	(2)	16	14	12	20
Men's-boys' clothing, furnishings, hat stores	21,501	773,312	100.0	17,846	66,583	91,250	224,535
Independents	19,621	598,737	77.4	17,726	52,080	70,182	194,072
Chains	1,816	171,579	22.2	68	14,208	20,749	30,105
Other types	64	2,996	.4	52	295	319	358
Family clothing stores	10,053	429,454	100.0	8,317	56,334	58,478	106,800
Independents	8,935	352,639	82.1	8,235	44,543	46,419	94,446
Chains	1,082	76,283	17.8	50	11,732	12,000	12,252
Other types	36	532	.1	32	59	59	102
Women's ready-to-wear stores	25,320	1,009,494	100.0	20,711	133,586	132,674	127,752
Independents	22,424	694,119	68.8	20,448	93,253	94,931	101,125
Chains	2,880	263,102	26.1	130	33,869	31,987	21,520
Leased departments	386	31,705	3.1	100	3,913	3,303	2,523
Other types	130	20,568	2.0	33	2,551	2,453	2,584
Shoe stores (all kinds)	20,487	617,064	100.0	12,005	64,146	69,750	152,967
Independents	13,215	253,822	41.2	11,581	24,509	27,870	88,077
Chains	5,721	306,816	49.7	109	33,466	35,146	54,730
Leased departments	1,522	52,549	8.5	294	6,004	6,388	9,850
Other types	29	3,877	.6	21	167	346	310
Furniture stores	19,902	973,157	100.0	17,361	104,151	146,311	213,375
Independents	19,091	829,830	85.3	17,295	88,445	122,900	190,559
Chains	784	141,864	14.6	44	15,474	23,106	22,628
Other types	27	1,463	.1	22	232	305	188
Household appliance dealers	11,095	294,518	100.0	4,846	49,185	60,301	45,979
Independents	5,007	92,436	31.4	4,713	11,304	12,580	14,072
Chains	1,214	53,973	18.3	12	12,242	17,289	8,865
Leased departments	252	5,147	1.7	32	730	886	647
Utility-operated stores	4,449	138,635	47.1	9	23,947	28,473	22,134
Direct selling (house-to-house)	162	4,028	1.4	77	920	1,033	211
Other types	11	299	.1	3	42	40	50
Radio—household appliance dealers	6,907	190,180	100.0	6,463	19,512	23,596	28,968
Independents	6,529	160,020	84.1	6,370	16,655	18,961	25,069
Chains	169	19,392	10.2	10	1,407	2,343	2,152
Leased departments	49	1,514	.8	41	158	155	295
Utility-operated stores	123	7,436	3.9	8	1,162	1,960	1,147
Direct selling (house-to-house)	29	332	.2	34	42	39	72
Other types	8	1,486	.8	----------	88	138	203
Radio stores—other	2,911	48,675	100.0	2,741	5,595	7,128	9,793
Independents	2,831	39,122	80.4	2,731	4,406	5,334	7,568
Chains	70	9,292	19.1	5	1,159	1,763	2,191
Other types	10	261	.5	5	30	31	34
Motor-vehicle dealers (new)	33,609	4,810,245	100.0	29,069	316,702	420,588	449,096
Independents	33,272	4,679,450	97.3	29,009	308,355	406,706	438,933
Chains	327	129,789	2.7	59	8,269	13,781	10,062
Other types	10	1,006	(2)	1	78	101	101
Accessory, tire, battery dealers	18,525	523,685	100.0	14,424	57,601	70,665	75,611
Independents	14,500	287,519	54.9	14,370	32,867	37,881	47,891
Chains	4,017	235,961	45.1	51	24,706	32,751	27,687
Other types	8	205	(2)	3	28	33	33
Filling stations	241,858	2,822,495	100.0	231,475	235,527	198,934	99,401
Independents	230,460	2,495,741	88.4	231,127	199,562	156,825	87,616
Chains	10,291	288,370	10.2	305	32,671	38,518	8,966
Cooperatives	1,017	35,304	1.3	----------	3,030	3,331	2,677
Other types	90	3,080	.1	43	264	260	142

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.
[2] Less than one-tenth of 1 percent.

No. 1050.—Retail Trade—Summary, by Type of Operation and by Kind of Business: 1939—Continued

TYPE OF OPERATION AND KIND OF BUSINESS	Number of stores	Sales (thousands of dollars)	Percent of total sales	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) [1]	Total pay roll (thousands of dollars) [1]	Stocks on hand, end of year, at cost (thousands of dollars)
Lumber, building-materials dealers	25,067	1,478,459	100.0	14,002	135,273	177,271	332,297
Independents	19,181	1,177,407	79.6	13,888	108,447	145,038	246,613
Chains	5,781	295,582	20.0	95	26,416	31,820	84,420
Other types	105	5,470	.4	19	410	413	1,264
Paint, glass, wallpaper stores	8,480	152,673	100.0	6,781	15,642	19,495	35,012
Independents	7,427	111,269	72.9	6,734	11,368	13,655	27,165
Chains	1,039	40,586	26.6	36	4,059	5,631	7,784
Other types	14	818	.5	11	215	209	63
Hardware stores	29,147	629,276	100.0	28,709	56,762	63,679	227,862
Independents	28,641	600,921	95.5	28,642	53,814	60,067	220,178
Chains	444	25,413	4.0	39	2,747	3,367	6,989
Other types	62	2,942	.5	28	201	245	685
Restaurants, other eating places	169,792	2,135,020	100.0	170,002	594,648	405,896	34,900
Independents	164,401	1,830,039	85.7	169,669	503,235	332,952	31,903
Chains	5,087	297,440	13.9	219	89,164	71,285	2,826
Other types	304	7,541	.4	114	2,249	1,659	171
Drug stores with fountain	39,452	1,205,241	100.0	33,257	156,366	137,994	218,799
Independents	36,191	877,695	72.8	33,183	110,977	93,539	182,432
Chains	3,240	326,549	27.1	71	45,262	44,332	36,222
Other types	21	997	.1	3	127	123	145
Drug stores, other	18,451	357,261	100.0	16,416	33,037	34,739	86,084
Independents	17,532	282,825	79.2	16,352	27,397	27,629	77,347
Chains	885	73,713	20.6	46	5,580	7,025	8,676
Other types	34	723	.2	18	60	85	61
Liquor stores (packaged goods)	19,136	586,351	100.0	13,670	25,676	30,782	66,203
Independents	15,889	316,899	54.1	13,616	16,291	18,450	45,301
Chains	621	19,875	3.4	52	1,408	1,613	2,645
State liquor stores	2,618	249,430	42.5	----------	7,960	10,707	18,254
Other types	8	147	(2)	2	17	12	3
Fuel, ice, fuel-oil dealers	41,172	1,013,542	100.0	37,210	105,484	123,783	71,534
Independents	39,763	857,333	84.6	36,990	90,747	103,612	60,130
Chains	1,134	152,681	15.1	26	14,225	19,651	11,036
Other types	275	3,528	.3	194	512	520	368
Hay, grain and feed stores	16,772	623,977	100.0	13,953	35,351	33,949	58,877
Independents	14,379	445,538	71.5	13,895	25,272	23,429	42,386
Chains	1,233	74,442	11.9	44	4,808	5,289	7,337
Cooperatives	1,144	103,729	16.6	----------	5,259	5,226	9,132
Other types	16	268	(2)	14	12	5	22
Farm and garden supply stores	4,915	155,312	100.0	4,074	13,710	13,447	21,498
Independents	4,384	106,676	68.7	4,014	8,690	8,836	14,864
Chains	121	12,535	8.1	6	894	1,118	1,154
Cooperatives	331	25,583	16.5	----------	1,769	1,694	2,439
Mail-order	36	8,251	5.3	18	1,171	1,280	2,609
Other types	43	2,267	1.4	36	1,186	519	432
Jewelry stores	14,559	361,595	100.0	13,077	35,249	53,965	162,599
Independents	13,993	321,746	89.0	13,025	30,976	47,247	154,650
Chains	540	38,014	10.5	30	4,095	6,480	7,573
Other types	26	1,835	.5	22	178	238	376
Cigar stores, cigar stands	18,504	207,781	100.0	16,748	14,425	14,085	18,456
Independents	16,886	150,060	72.2	16,675	9,623	8,261	13,752
Chains	1,533	56,300	27.1	29	4,627	5,661	4,622
Other types	85	1,421	.7	44	175	163	82
Florists	16,055	148,741	100.0	16,074	23,128	22,641	9,493
Independents	15,933	144,109	96.9	16,049	22,454	21,776	9,320
Chains	102	4,558	3.1	6	663	859	172
Other types	20	74	(2)	19	11	6	1
News dealers	7,407	72,427	100.0	6,038	11,671	6,335	3,894
Independents	6,051	52,501	72.5	6,017	7,844	3,385	3,321
Chains	1,342	19,766	27.3	8	3,791	2,935	573
Other types	14	160	.2	13	36	15	----------
All other kinds of business	455,572	6,712,992	100.0	436,876	784,577	735,336	970,814

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.
[2] Less than one-tenth of 1 percent.

Source: Department of Commerce, Bureau of the Census: Census of Business, 1939, Vol. I, Retail Trade.

No. 1051.—Retail Trade—Summary, by States: 1929, 1935, and 1939

[Data for 1929 and 1935 revised to exclude service garages and other automotive service businesses whose receipts from service sales exceeded their sales of merchandise. These are included in the Census of Service Establishments for 1939]

Division and State	Number of stores			Sales (thousands of dollars)			Active proprietors of unincorporated businesses		
	1929	1935	1939	1929	1935	1939	1929	1935	1939
U. S.	1,476,365	1,587,718	1,770,355	48,329,652	32,791,212	42,041,790	1,434,704	1,440,108	1,613,673
N. E.	104,618	109,382	121,888	3,732,087	2,687,620	3,318,214	94,441	90,967	101,716
Maine	10,453	119,36	13,455	300,010	226,911	281,356	9,700	10,531	11,821
N. H.	6,181	6,797	7,435	180,248	149,654	183,100	5,935	6,110	6,600
Vt.	4,831	4,626	5,423	148,281	96,724	123,369	4,912	4,210	4,942
Mass.	52,661	53,606	59,217	2,031,839	1,446,212	1,737,680	46,705	43,404	47,538
R. I.	9,155	8,791	10,485	313,978	217,728	275,447	8,339	7,369	9,100
Conn.	21,337	23,626	25,873	757,731	550,391	717,262	18,850	19,343	21,715
M. A.	372,026	389,405	412,819	12,527,976	8,374,439	10,291,937	350,414	344,390	376,068
N. Y.	183,615	198,608	209,425	6,968,931	4,704,233	5,578,159	169,129	175,421	191,259
N. J.	57,780	65,688	68,851	1,811,257	1,206,990	1,580,401	53,595	56,561	59,277
Pa.	130,631	125,109	134,543	3,747,788	2,463,216	3,133,377	127,690	112,408	125,532
E. N. C.	304,986	326,862	364,508	11,113,186	7,103,071	9,251,114	290,328	295,769	332,029
Ohio	80,155	89,303	93,041	2,829,354	1,940,031	2,441,293	74,786	79,193	82,712
Ind.	39,402	40,318	47,317	1,200,458	771,377	1,066,383	38,463	37,620	44,003
Ill.	93,432	95,033	109,132	3,658,560	2,152,432	2,857,646	89,019	85,694	100,099
Mich.	53,952	59,820	67,414	2,202,405	1,377,122	1,820,798	51,148	54,229	61,129
Wis.	38,045	42,388	47,604	1,222,409	862,109	1,064,994	36,912	39,033	44,086
W. N. C.	161,393	182,051	197,909	5,178,845	3,471,806	4,138,883	162,404	171,236	185,927
Minn.	29,206	35,481	40,448	1,036,012	808,857	1,017,195	29,091	33,113	38,932
Iowa	30,933	36,768	39,024	956,008	640,621	822,905	31,395	35,617	37,111
Mo.	44,586	48,581	53,196	1,422,449	935,027	1,102,503	44,080	45,059	49,328
N. Dak.	7,611	8,464	8,549	230,602	147,327	156,137	7,482	7,833	7,818
S. Dak.	8,330	9,014	9,817	249,935	144,333	169,396	8,419	8,302	8,954
Nebr.	16,682	17,990	19,330	553,611	354,520	397,196	17,351	16,774	18,004
Kans.	24,045	25,753	27,545	730,228	441,121	473,551	24,586	24,538	25,780
S. A.	162,295	176,036	199,371	4,138,337	3,267,937	4,368,947	159,100	157,391	174,561
Del.	3,527	4,257	4,544	101,861	76,019	110,052	3,240	3,828	4,001
Md.	20,371	22,515	25,566	610,967	457,305	619,273	19,356	20,657	23,774
D. C.	5,815	6,341	6,893	332,393	329,034	402,768	5,027	4,667	5,498
Va.	25,036	25,860	29,610	591,763	466,768	628,172	24,854	22,944	25,389
W. Va.	16,501	18,285	18,928	441,072	329,383	403,989	16,476	16,225	16,202
N. C.	27,660	28,654	33,826	642,550	460,083	633,240	28,780	26,442	29,890
S. C.	14,452	16,196	18,520	296,674	246,214	332,224	14,072	14,142	15,759
Ga.	27,640	30,355	32,870	627,171	481,197	624,765	27,821	27,614	28,797
Fla.	21,293	23,573	28,614	493,886	421,934	614,464	19,474	20,872	25,251
E. S. C.	85,315	90,688	101,065	2,137,499	1,371,619	1,845,037	89,610	86,069	93,025
Ky.	25,927	28,139	30,919	577,929	382,761	520,135	27,131	26,954	28,970
Tenn.	22,368	26,470	28,198	632,612	477,720	606,489	24,057	25,017	25,980
Ala.	20,456	21,351	23,916	518,972	334,223	435,973	20,845	19,870	21,715
Miss.	16,564	14,728	18,032	407,986	176,915	282,440	17,577	14,228	16,360
W. S. C.	128,542	132,615	159,768	3,654,572	2,284,559	3,101,358	132,446	126,539	148,785
Ark.	17,167	17,653	20,328	406,206	238,809	298,301	18,510	17,478	19,071
La.	22,559	22,615	25,469	469,755	341,911	486,250	23,081	20,797	22,845
Okla.	25,984	24,734	28,722	781,121	430,084	513,091	26,220	23,837	27,221
Tex.	62,832	67,613	85,249	1,997,490	1,273,755	1,803,716	64,635	64,427	79,648
Mt.	42,022	46,599	57,459	1,515,313	1,082,660	1,427,541	40,695	42,198	53,112
Mont.	6,521	7,490	8,481	238,293	185,556	222,008	6,220	6,628	7,867
Idaho	4,624	5,553	6,804	165,352	137,855	175,873	4,425	4,999	6,223
Wyo.	2,837	3,323	4,113	101,457	81,439	100,233	2,786	3,051	3,863
Colo.	13,139	13,504	16,785	457,413	298,156	409,103	12,393	12,387	15,770
N. Mex.	3,941	4,610	6,617	116,833	87,691	125,765	4,031	4,396	6,139
Ariz.	4,766	4,939	6,242	193,818	118,874	162,003	4,852	4,600	5,726
Utah	4,964	5,565	6,372	193,286	130,050	170,728	4,697	4,710	5,520
Nev.	1,230	1,615	2,045	48,861	43,039	61,828	1,291	1,427	2,004
Pac.	115,168	134,080	155,568	4,331,837	3,147,501	4,298,759	115,266	125,549	148,450
Wash.	20,836	23,887	26,682	745,891	521,186	668,790	19,808	22,046	24,798
Oreg.	13,544	14,523	16,458	443,303	329,636	442,160	13,785	13,580	15,757
Calif.	80,788	95,670	112,428	3,142,643	2,296,679	3,187,809	81,673	89,923	107,895

No. 1051.—Retail Trade—Summary, by States: 1929, 1935, and 1939—Continued

Division and State	Employees, full-time and part-time (average for year) [1]			Total pay roll (thousands of dollars) [1]			Stocks on hand, end of year, at cost (thousands of dollars)		
	1929	1935	1939	1929	1935	1939	1929	1935	1939
U. S.	4,286,516	3,898,258	4,600,217	5,044,128	3,568,167	4,529,499	7,199,656	4,271,280	5,116,583
N. E.	353,152	324,883	362,133	411,822	317,000	377,957	506,262	306,486	361,784
Maine	25,536	23,995	28,113	26,895	21,389	26,079	51,878	32,383	37,814
N. H.	15,697	15,868	18,149	16,215	14,524	17,322	27,306	18,388	21,408
Vt.	11,229	9,739	12,010	12,210	8,483	10,707	26,225	15,488	17,887
Mass.	202,958	183,419	203,312	236,296	179,259	212,966	256,367	149,937	176,600
R. I.	31,228	28,522	30,301	35,203	27,335	30,978	40,459	24,947	29,209
Conn.	66,504	63,340	70,248	85,003	66,010	79,905	104,027	65,343	78,866
M. A.	1,063,140	969,724	1,068,613	1,362,975	976,484	1,170,430	1,886,856	1,085,256	1,245,297
N. Y.	562,797	521,430	567,150	773,333	562,113	660,093	1,031,966	609,118	679,706
N. J.	141,980	134,786	153,673	187,635	138,575	171,619	245,037	135,688	166,727
Pa.	358,363	313,508	347,790	402,007	275,796	338,718	609,853	340,450	398,864
E. N. C.	990,429	861,846	1,031,047	1,217,620	790,551	1,028,315	1,514,132	852,202	1,046,193
Ohio	260,793	239,145	270,425	310,955	217,016	271,073	382,612	210,104	252,393
Ind.	115,269	96,473	123,192	122,122	80,388	110,895	172,275	100,033	129,048
Ill.	331,078	268,888	332,003	428,553	259,578	339,072	501,678	272,381	337,898
Mich.	180,121	161,314	198,018	237,340	150,637	204,026	275,496	157,605	197,524
Wis.	103,168	96,026	107,409	118,650	82,932	103,249	182,071	112,079	129,330
W. N. C.	456,292	405,823	459,926	482,899	334,037	401,238	856,798	513,505	584,556
Minn.	90,918	90,967	106,282	101,246	81,798	104,204	165,169	111,318	135,986
Iowa	83,128	71,802	87,684	83,502	54,768	72,514	158,330	92,696	112,693
Mo.	136,541	122,579	132,583	148,283	102,261	119,237	222,154	131,163	142,484
N. Dak.	16,333	13,776	15,227	17,487	11,905	12,960	44,870	25,275	27,234
S. Dak.	19,731	15,252	17,307	19,822	11,827	13,592	47,637	27,144	28,773
Nebr.	46,579	40,135	44,353	48,188	32,518	36,221	99,284	59,042	64,464
Kans.	63,062	51,312	56,490	64,371	38,960	42,510	119,354	66,867	72,922
S. A.	399,711	417,269	519,636	407,206	338,898	447,647	626,201	418,363	512,538
Del.	8,947	8,942	10,972	9,551	8,226	11,168	14,362	9,708	12,193
Md.	58,616	58,612	70,750	62,764	50,840	66,079	77,961	52,101	61,590
D. C.	33,806	41,675	48,072	43,306	43,473	56,007	37,463	29,009	35,511
Va.	58,513	57,104	74,864	59,659	47,776	63,867	104,492	68,187	82,708
W. Va.	36,087	36,776	42,318	40,968	31,142	38,263	72,018	44,612	51,252
N. C.	59,317	59,328	79,404	56,123	43,602	60,052	104,862	66,417	79,483
S. C.	29,450	32,659	41,119	25,316	22,229	29,093	38,583	27,080	32,330
Ga.	65,001	65,782	78,947	58,792	46,195	58,874	95,614	65,598	80,723
Fla.	49,974	56,391	73,190	50,727	45,415	64,244	80,846	55,651	76,748
E. S. C.	194,708	172,429	211,275	187,323	127,388	162,575	337,197	196,082	241,307
Ky.	52,341	47,293	55,062	51,667	36,101	46,090	97,608	58,087	71,413
Tenn.	61,140	60,310	71,869	59,144	45,948	55,924	97,450	63,061	75,761
Ala.	48,730	41,818	51,830	46,791	29,896	37,826	82,169	46,452	55,987
Miss.	32,497	23,008	32,514	29,721	15,443	22,735	59,970	28,482	38,146
W. S. C.	324,486	285,952	366,048	336,029	220,358	293,418	593,586	332,829	413,528
Ark.	33,482	27,590	32,581	31,986	19,135	23,775	71,528	39,544	45,826
La.	49,207	49,608	63,638	47,698	36,369	49,000	71,810	47,224	56,775
Okla.	65,944	52,709	59,988	71,931	40,440	48,953	127,427	65,437	75,801
Tex.	175,853	156,045	209,841	184,414	124,414	171,690	322,821	180,624	235,126
Mt.	127,736	112,436	145,340	150,639	106,896	145,205	245,900	152,158	188,110
Mont.	17,822	17,278	19,963	22,493	18,287	21,505	44,684	28,979	32,061
Idaho	12,638	12,828	16,549	14,889	12,445	16,189	28,303	19,316	23,970
Wyo.	7,394	7,213	8,938	9,429	7,305	9,346	17,777	12,311	14,826
Colo.	43,360	33,370	45,083	49,100	29,409	43,503	73,013	40,212	53,065
N. Mex.	9,413	9,211	12,846	9,935	8,121	11,596	20,047	14,534	18,577
Ariz.	15,490	12,825	16,577	18,938	12,202	17,119	26,544	15,355	19,561
Utah	18,237	15,562	19,562	20,958	14,317	18,743	27,323	15,938	18,711
Nev.	3,382	4,149	5,822	4,897	4,810	7,204	8,209	5,513	7,339
Pac.	376,862	347,896	436,199	487,615	356,555	502,714	632,724	414,399	523,270
Wash.	65,758	56,377	66,852	80,639	55,327	75,405	109,364	70,035	81,527
Oreg.	39,017	34,241	41,720	46,167	33,000	44,154	71,088	46,517	57,978
Calif.	272,087	257,278	327,627	360,809	268,228	383,155	452,272	297,847	383,765

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. I, Retail Trade, Part 3.

No. 1052.—Retail Sales of Chain Stores and Mail-Order Houses, by Kinds of Business: 1935 to 1949

[Millions of dollars]

KIND OF BUSINESS	1935	1939	1941	1944	1945	1946	1947	1948	1949 [1]
Total sales	8,040	9,570	12,434	15,486	16,308	21,111	25,338	27,892	27,188
Durable goods stores	828	1,049	1,429	1,307	1,486	2,262	2,854	3,176	3,033
Automotive group	355	372	488	346	387	682	773	874	937
Motor-vehicle dealers	168	136	185	53	63	159	276	348	418
Parts and accessories	187	236	303	293	324	523	497	526	519
Building materials and hardware group	289	400	564	597	680	869	1,195	1,379	1,201
Building materials	256	350	491	527	602	760	1,057	1,220	1,054
Farm implements	15	25	35	27	30	39	59	78	70
Hardware	18	25	38	43	48	70	79	81	77
Home furnishings group	162	239	312	248	293	553	732	774	767
Furniture and house furnishings	97	151	176	165	183	276	326	333	307
Household appliances and radios	65	88	136	83	110	277	406	441	460
Jewelry	22	38	65	116	126	158	154	149	128
Nondurable goods stores	7,212	8,521	11,005	14,179	14,822	18,849	22,484	24,716	24,155
Apparel group	758	991	1,309	2,050	2,213	2,593	2,759	2,969	2,815
Men's clothing and furnishings	141	173	242	304	324	437	491	483	451
Women's apparel and accessories	260	394	531	1,058	1,142	1,233	1,270	1,448	1,361
Family wear	78	79	106	171	182	218	232	248	233
Shoes	279	345	430	517	565	705	766	790	770
Drug stores	317	400	479	681	704	830	834	840	820
Eating and drinking places	248	304	361	509	531	596	618	632	614
Food group	2,916	3,340	4,352	5,554	5,662	7,359	9,600	10,720	10,790
Grocery and combination	2,466	2,833	3,745	4,710	4,769	6,291	8,436	9,511	9,609
Other food	450	507	607	844	893	1,068	1,164	1,209	1,181
Filling stations	423	288	306	188	217	294	373	452	455
General merchandise group	2,124	2,693	3,532	4,235	4,436	5,881	6,793	7,515	7,190
Department, dry goods, and general merchandise	990	1,330	1,836	2,215	2,376	3,249	3,841	4,309	4,147
Mail-order [2]	386	464	617	601	598	941	1,145	1,268	1,124
Variety	709	848	1,016	1,317	1,357	1,567	1,669	1,794	1,787
General stores with food	39	51	63	102	105	124	138	144	132
Other retail stores	426	505	666	962	1,059	1,296	1,507	1,588	1,471

[1] Preliminary.
[2] Catalog business only is shown as mail-order; sales of retail stores owned by general merchandise mail-order companies are included with those of department, dry goods, and general merchandise stores.

Source: Department of Commerce, 1935 and 1939, Bureau of the Census; Census of Business, 1939, Vol. I, Retail Trade, Part 1. Other years, estimates by Office of Business Economics; based on trends shown by currently reported data of chain organizations. Current data published in Survey of Current Business.

No. 1053.—Retail Sales of Chain Stores and Mail-Order Houses—Indexes of Daily Average Sales Adjusted for Seasonal Variation: 1946 to 1949

[1935–39=100]

MONTH	TOTAL CHAIN STORE AND MAIL ORDER				GROCERY AND COMBINATION STORES		DRUG STORES		APPAREL STORES		GENERAL MERCHANDISE STORES AND MAIL ORDER	
	1946	1947	1948	1949 [1]	1948	1949 [1]	1948	1949 [1]	1948	1949 [1]	1948	1949 [1]
January	212.9	255.8	295.7	306.2	350.1	366.5	228.0	228.4	292.9	337.2	285.4	298.8
February	217.7	264.7	299.0	300.6	353.7	361.1	234.5	232.2	311.6	316.3	286.2	291.3
March	223.5	270.9	304.9	302.0	359.8	367.1	231.6	225.2	312.5	315.1	296.7	289.9
April	224.0	276.7	311.7	304.5	363.3	366.3	225.3	229.8	315.8	328.8	307.3	288.3
May	224.5	278.7	311.7	308.4	371.0	368.7	227.7	225.2	321.2	315.4	297.7	303.4
June	226.1	280.7	313.3	300.9	357.4	358.4	228.1	225.3	330.9	304.3	312.1	293.1
July	234.8	282.5	315.7	296.7	360.9	358.0	235.9	233.8	326.5	284.9	316.1	285.6
August	255.6	282.4	317.5	300.5	364.5	360.8	232.2	223.9	324.9	291.0	321.2	294.5
September	242.8	292.4	315.3	306.8	359.6	368.1	231.8	222.4	336.2	313.0	315.0	299.3
October	240.6	289.3	311.0	294.0	365.4	358.8	232.3	220.0	342.0	283.7	301.3	272.5
November	252.1	298.3	307.7	301.0	360.4	365.6	225.0	215.7	329.9	297.8	300.8	286.9
December	262.2	302.3	316.3	302.5	359.6	361.9	227.0	218.1	340.4	301.0	323.2	295.4
Annual	235.2	282.3	310.8	302.4	361.1	364.9	230.4	224.9	325.2	308.4	305.9	292.6

[1] Preliminary.

Source: Department of Commerce, Office of Business Economics; published currently in the Survey of Current Business.

No. 1054.—Estimated Membership and Business of Consumers' Cooperatives, by Type of Association: 1948

TYPE OF ASSOCIATION	Total number of associations	Number of members (1,000)	Amount of business ($1,000)
LOCAL ASSOCIATIONS			
Retail distributive	3,830	2,354	1,229,500
Stores and buying clubs	2,400	1,356	828,000
Petroleum associations	1,350	960	385,000
Other [1]	80	38	16,500
Service	786	395	29,224
Rooms and/or meals	180	22	6,000
Housing	125	13	[2] 3,000
Medical and/or hospital care:			
On contract	60	120	2,225
Own facilities	70	78	8,600
Burial: [3]			
Complete funeral	29	26	435
Caskets only	2	1	4
Burial on contract	10	4	60
Cold storage [4]	185	107	7,100
Other [5]	125	25	1,800
Electric light and power [6]	865	[7] 2,404	137,016
LOCAL ASSOCIATIONS—con.			
Telephone (mutual and co-op.)	33,000	675	10,000
Credit unions [8]	9,329	3,749	633,784
Insurance associations	2,000	[9] 11,300	[10] 207,500
		Member associations	
FEDERATIONS			
Wholesale:			
Interregional	2	77	12,266
Regional	26	4,846	[11] 320,340
District	20	298	[11] 7,338
Service	16	302	83,739
Productive	10	77	7,399

[1] Such as consumers' dairies, creameries, bakeries, fuel yards, lumber yards, etc. [2] Gross income.
[3] Local associations only; excludes associations of federated type (included with service federations) and funeral departments of store associations.
[4] Excludes cold-storage departments of other types of associations.
[5] Such as water supply, cleaning and dyeing, recreation, printing and publishing, nursery schools, etc.
[6] Data furnished by Rural Electrification Administration; figures include 36 refrigeration associations.
[7] Number of patrons [8] Actual figures, not estimates. [9] Number of policyholders. [10] Premium income.
[11] Includes wholesale distributive, retail distributive, and service business.

Source: Department of Labor, Bureau of Labor Statistics; annual figures published in Monthly Labor Review.

No. 1055.—Department Store Sales—Indexes of Sales, by Federal Reserve Districts, 1929 to 1949, and by Months, 1945 to 1949

[1935-39 average = 100. Based on value figures. Monthly data adjusted for seasonal variation]

YEAR	United States	Boston	New York	Philadelphia	Cleveland	Richmond	Atlanta	Chicago	St. Louis	Minneapolis	Kansas City	Dallas	San Francisco
1929	116	128	129	128	116	96	98	116	122	110	117	104	107
1930	108	123	126	118	105	92	91	101	110	105	111	96	99
1931	96	114	116	105	93	86	79	88	97	98	96	81	90
1932	75	90	91	83	68	68	60	67	76	79	74	61	68
1933	73	84	86	80	69	68	62	68	72	76	73	62	66
1934	82	90	91	88	81	81	78	79	83	85	85	76	74
1935	88	92	93	91	86	87	84	86	85	90	89	80	86
1936	100	100	101	102	101	98	97	100	97	99	99	97	99
1937	107	104	106	107	111	105	105	109	106	104	107	105	106
1938	99	100	99	96	96	101	103	98	102	101	100	106	101
1939	106	104	101	104	106	109	113	107	111	106	105	112	109
1940	114	108	106	111	114	120	123	116	119	109	110	116	119
1941	133	126	119	129	138	144	145	135	143	123	127	138	139
1942	150	140	128	143	153	170	162	149	158	129	149	157	171
1943	168	148	135	151	167	194	204	161	179	148	184	212	204
1944	187	162	150	167	182	215	244	176	200	164	205	245	224
1945	207	176	169	184	201	235	275	193	227	185	229	275	248
1946	264	221	220	235	257	292	344	250	292	247	287	352	311
1947	286	234	239	261	281	304	360	275	314	273	311	374	337
1948	302	239	249	284	303	321	386	290	335	288	326	404	353
1949	285	234	233	271	281	307	374	271	317	275	307	385	332

YEAR	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
United States:												
1945	199	205	213	185	190	201	211	202	206	215	219	220
1946	232	250	257	255	255	272	270	292	270	263	272	274
1947	273	274	276	280	286	283	285	283	291	282	304	298
1948	293	295	292	306	304	306	312	308	308	310	291	302
1949	295	284	279	293	291	285	280	283	289	276	277	293

Source: Board of Governors of the Federal Reserve System and Federal Reserve Bank in each district. Published currently in Federal Reserve Bulletin.

No. 1056.—Service Establishments—Summary, by Service Groups and Kind of Business: 1939

[See headnote, table 1057]

KIND OF BUSINESS	Number of establishments	Receipts (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year)[1]	PAY ROLL (THOUSANDS OF DOLLARS)[1]		
					Total	Full-time	Part-time
All kinds of business, total	[2] 646,028	[2]3,420,417	652,491	1,102,047	1,069,887	961,467	108,420
Personal services:							
Barber shops	117,998	230,983	124,596	68,786	55,557	51,406	4,151
Barber and beauty shops	4,199	18,618	4,821	9,289	7,321	6,972	349
Baths and masseurs' establishments (Turkish, etc.)	1,600	5,979	1,557	2,106	1,648	1,541	107
Beauty parlors	83,071	231,670	85,419	99,296	74,496	69,286	5,210
Cleaning, dyeing, pressing, alteration, and repair shops	52,516	140,578	52,398	29,662	21,478	17,977	3,501
Cleaning and dyeing plants [3]	11,604	182,698	11,845	82,810	80,014	76,038	3,976
Cleaning and renovating hats	1,288	4,374	1,366	1,531	1,015	911	104
Costume and dress-suit rental agencies	417	4,070	387	1,003	1,321	1,107	214
Funeral directors, embalmers, and crematories	18,196	261,617	18,239	32,843	40,676	37,483	3,193
Fur repair and storage shops	2,180	12,676	2,166	2,270	2,294	1,868	426
Laundries, hand	15,245	45,783	17,498	11,667	7,515	6,408	1,107
Laundries, power, total [3]	6,773	453,579	5,174	249,008	233,606	227,392	6,214
Doing linen supply service only	352	37,141	198	13,342	14,970	14,909	61
Doing 50 percent or more linen supply service	92	16,691	61	6,401	7,904	7,709	195
Doing less than 50 percent linen supply service	855	92,983	538	52,127	48,944	47,852	1,092
Doing no linen supply service	5,474	306,764	4,377	177,138	161,788	156,922	4,866
Linen supply service without laundry facilities	718	28,391	346	5,287	7,941	7,877	64
Photographic studios	10,957	64,185	10,417	14,579	15,690	14,617	1,073
Rug cleaning establishments [3]	1,012	10,618	949	3,429	3,968	3,601	367
Shoe repair shops	50,115	106,737	49,695	18,194	13,349	12,112	1,237
Shoe shine parlors	7,968	8,210	8,064	2,896	1,133	952	181
Travel bureaus (including ticket agents and brokers)	741	9,173	624	1,656	2,753	2,650	103
Other personal services	3,061	8,972	2,942	2,525	2,184	2,022	162
Business services:							
Adjustment and credit bureaus, and collection agencies	2,576	48,135	1,732	18,548	23,238	22,754	484
Advertising agencies	1,628	97,372	1,070	16,636	53,546	52,892	654
Auctioneers' establishments (service only)	970	5,213	996	3,201	1,659	1,073	586
Billboard advertising service	679	46,844	386	8,688	14,836	14,313	523
Blueprinting and photostat laboratories	500	12,961	387	3,093	3,978	3,917	61
Booking agents' offices (theatrical, etc.)	520	10,545	461	1,538	3,863	3,715	148
Coin-operated machine rental and repair service	1,554	30,576	1,606	4,177	5,852	5,729	123
Cotton compresses	315	29,183	4	13,591	9,677	6,558	3,119
Court reporting and public stenographic agencies	1,329	4,767	1,341	780	891	701	190
Dental laboratories	2,080	26,759	2,208	6,826	9,106	8,967	139
Detective agencies	280	4,128	184	2,559	2,677	1,851	826
Disinfecting and exterminating service	952	11,143	748	3,640	4,606	4,149	457
Duplicating, addressing, mailing, and mailing list service	1,433	17,582	1,404	8,324	7,050	6,005	1,045
Employment agencies	1,424	7,861	1,419	1,990	2,777	2,664	113
Photo finishing laboratories	1,201	16,111	1,180	4,661	4,561	4,110	451
Sign painting shops	5,391	16,803	5,741	3,311	3,488	2,713	775
Window cleaning service	823	11,781	869	6,316	6,895	6,328	567
Window display service	215	3,059	192	884	1,199	965	234
Other business services	4,772	148,211	3,472	52,165	61,428	52,247	9,181
Services allied to transportation:							
Packing and crating service	110	[2] 146	79	1,671	1,213	825	388
Stevedoring service	198	53,701	34	54,796	38,612	8,152	30,460
Stockyard service	95	15,674	59	3,586	4,922	4,616	306
Warehousing, cold storage	908	29,870	539	7,149	9,923	9,344	579
Warehousing, cotton	453	4,953	261	1,892	1,337	987	350
Warehousing, farm products	291	6,810	99	2,441	2,670	2,287	383
Warehousing, other	1,752	50,713	738	20,341	23,930	20,728	3,202
Weighing service	140	2,136	122	1,328	1,103	569	534
Other services allied to transportation	119	5,134	21	2,421	2,596	2,356	240
Automotive repairs and services:							
Automobile brake repair shops	487	4,876	500	896	1,162	1,125	37
Automobile laundries	960	2,941	987	1,490	889	693	196
Automobile paint shops	1,300	6,220	1,466	1,705	1,731	1,480	251
Automobile radiator shops	1,089	4,631	1,133	895	982	922	60
Automobile rental service	648	20,251	380	3,919	5,393	4,909	484
Automobile repair shops (general)	51,827	228,214	55,389	42,919	43,461	40,470	2,991
Automobile storage garages	4,821	70,315	3,844	15,990	18,193	17,541	652
Automobile top and body repair shops	6,232	44,678	7,067	11,905	13,683	12,693	990

For footnotes, see next page.

No. 1056.—Service Establishments—Summary, by Service Groups and Kind of Business: 1939—Continued

[See headnote, table 1057]

KIND OF BUSINESS	Number of establishments	Receipts (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year)[1]	PAY ROLL (THOUSANDS OF DOLLARS)[1]		
					Total	Full-time	Part-time
Automotive repairs and services—Con.							
Battery and ignition repair shops	2,073	10,228	2,201	1,643	1,597	1,502	95
Parking lots	6,274	31,755	4,282	8,470	6,961	6,375	586
Tire repair shops	2,215	8,222	2,363	1,178	1,064	974	90
Wheel, axle, and spring repair shops	413	5,040	424	1,092	1,572	1,523	49
Other automotive repairs	542	3,521	548	723	826	787	39
Other repair services (except automobile, apparel, and shoes):							
Armature rewinding shops	978	12,873	1,033	3,090	3,783	3,597	186
Bicycle repair shops	1,601	3,435	1,621	479	307	269	38
Blacksmith shops	16,797	22,567	17,266	3,632	2,627	2,282	345
Boat repair shops	464	3,418	451	1,043	1,227	997	230
Electrical appliance repair shops	3,615	16,926	3,732	3,149	3,496	3,166	330
Harness and leather goods repair shops	2,168	3,809	2,178	349	249	218	31
Locksmith and gunsmith shops	2,252	5,261	2,248	736	722	686	36
Musical instrument repair shops	461	1,033	476	100	109	101	8
Piano and organ tuning and repair service	521	913	536	116	122	108	14
Radio repair shops	10,732	21,687	11,000	2,591	2,004	1,758	246
Refrigerator service and repair shops	1,297	9,222	1,410	1,846	2,338	2,211	127
Saw and tool sharpening and repair shops	1,451	3,875	1,501	679	882	824	58
Stove repair shops	365	977	380	200	173	152	21
Typewriter repair shops	618	2,322	643	433	423	398	25
Upholstery and furniture repair shops	9,685	35,095	10,261	7,202	6,915	5,753	1,162
Watch, clock, and jewelry repair shops	12,485	29,902	12,530	2,803	2,946	2,753	193
Sewing machine repair shops	355	1,058	361	118	136	132	4
Other repair services	6,749	24,079	6,895	4,994	5,647	4,958	689
Custom industries:[4]							
Awning and tent manufacturing establishments (including repairs)	942	6,872	903	1,667	1,626	1,425	201
Bookbinding establishments	314	1,018	340	310	246	211	35
Bottling works	705	2,031	722	499	328	260	68
Cabinetmaking shops (including woodworking)	2,882	6,430	3,049	1,201	976	768	208
Cider mills and presses	241	177	244	50	23	13	10
Custom slaughtering establishments	208	356	285	151	83	66	17
Grist mills	9,217	9,872	7,777	3,512	1,099	819	280
Hemstitching, embroidering, and buttonholing shops	808	1,846	842	677	404	298	106
Machine shops	3,117	9,056	3,354	2,100	1,855	1,600	255
Mattress renovating and repair shops	1,386	5,524	1,473	1,350	967	839	128
Metal plating shops	379	1,469	412	397	389	335	54
Neon sign manufacturing establishments (including repairs)	359	3,156	360	670	901	842	59
Printing and publishing shops	13,570	35,351	13,835	9,046	5,441	4,441	1,000
Sawmills and planing mills (including contract logging)	12,775	19,605	13,097	21,516	6,320	3,452	2,868
Tinsmith shops	1,483	3,999	1,547	827	606	395	211
Tire retreading shops	863	11,621	860	1,957	2,142	2,073	69
Wearing apparel contract work shops	518	1,501	604	953	536	295	241
Welding shops	4,118	16,102	4,357	3,203	3,437	3,065	372
Other custom and manufacturing industries	11,908	35,154	11,356	12,183	7,964	6,344	1,620
Miscellaneous services:							
Circulating libraries	783	3,067	709	505	435	402	33
Interior decorating service	461	4,365	454	663	783	671	112
Landscape gardening and tree surgery service	1,148	13,574	1,194	5,369	5,789	5,007	782
Livery stables	201	1,204	195	360	275	256	19
Taxidermists	363	853	364	171	197	170	27
Other miscellaneous services	3,377	36,788	3,197	10,935	13,853	12,328	1,525

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

[2] Statistics for 1935, adjusted for comparison, are as follows: Number of establishments, 631,309; receipts $3,000,699,000 The adjustment was made by revising the original 1935 figures to include certain kinds of business that were not included in the Service Census but were published in other census reports and by excluding others which were within the scope of the 1935 census but were omitted from the 1939 census. For a comparison of the two items by industries, see source.

[3] For figures for earlier years, see table 1060, p 907.

[4] Includes manufacturing plants with products valued at less than $5,000 and therefore not covered by the Census of Manufactures.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. III, Service Establishments.

No. 1057.—Service Establishments—Summary, by States: 1939

[The census of service establishments covers a heterogeneous group of establishments (see table 1056) engaged primarily in the sale of service, as distinguished from establishments dealing in merchandise. The professional field, the financial, educational, transportation, construction, and diverse other fields of business activity, many of which are covered elsewhere, are not included. Owing to differences in the scope of the 1935 and 1939 censuses of service establishments, the aggregates for 1939 are not comparable with those for 1935 as published in the 1937–40 issues of the *Abstract*]

DIVISION AND STATE	Number of establishments	Receipts (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year)[1]	PAY ROLL (THOUSANDS OF DOLLARS)[1]		
					Total	Full-time	Part-time
United States	[2] 646,028	[2] 3,420,417	652,491	1,102,047	1,069,887	961,467	108,420
New England	45,365	235,821	44,593	68,991	69,513	62,707	6,806
Maine	4,303	14,701	4,239	4,642	3,814	3,138	676
New Hampshire	2,204	9,429	2,268	2,974	2,418	2,210	208
Vermont	1,785	5,982	1,797	1,544	1,239	1,104	135
Massachusetts	24,783	138,433	24,211	41,030	42,566	37,969	4,597
Rhode Island	3,938	21,243	3,886	6,123	6,098	5,654	444
Connecticut	8,352	46,033	8,192	12,678	13,378	12,032	746
Middle Atlantic	160,913	1,003,170	165,216	277,263	326,727	294,758	31,969
New York	92,900	665,540	96,540	177,285	225,816	203,413	22,403
New Jersey	22,864	124,530	22,180	38,019	40,081	36,399	3,682
Pennsylvania	45,149	213,100	46,496	61,959	60,830	54,946	5,884
East North Central	129,615	729,873	130,902	211,989	226,253	210,817	15,436
Ohio	34,174	175,094	34,463	50,574	52,174	48,080	4,094
Indiana	16,662	64,131	17,164	20,434	17,479	16,313	1,166
Illinois	42,697	294,956	43,140	84,810	98,074	91,932	6,142
Michigan	22,624	133,271	22,533	38,153	41,725	39,147	2,578
Wisconsin	13,458	62,421	13,602	18,018	16,801	15,345	1,456
West North Central	71,447	282,243	73,073	89,705	77,205	71,141	6,064
Minnesota	14,063	63,963	14,586	18,606	18,111	16,607	1,504
Iowa	13,756	47,727	14,185	13,412	10,854	9,860	994
Missouri	20,498	98,936	20,606	34,665	31,378	29,234	2,144
North Dakota	2,500	6,643	2,553	1,760	1,407	1,298	109
South Dakota	2,964	8,205	2,990	2,560	1,750	1,593	157
Nebraska	7,619	26,372	7,820	8,511	6,715	6,144	571
Kansas	10,047	30,397	10,333	10,191	6,990	6,405	585
South Atlantic	62,332	307,972	60,199	137,394	102,304	91,775	10,529
Delaware	1,444	6,758	1,388	1,977	1,799	1,664	135
Maryland	8,497	45,218	8,415	17,461	15,498	13,203	2,295
District of Columbia	3,830	39,491	3,723	13,610	14,858	14,287	571
Virginia	9,183	44,230	8,840	20,822	15,189	12,813	2,376
West Virginia	5,192	19,662	5,116	6,798	5,713	5,359	354
North Carolina	10,502	42,121	10,259	21,791	13,770	12,460	1,310
South Carolina	5,351	18,877	5,053	10,730	5,982	5,362	620
Georgia	10,098	45,057	9,465	23,440	14,382	12,942	1,440
Florida	8,235	46,558	7,940	20,765	15,113	13,685	1,428
East South Central	34,169	130,325	32,935	63,390	39,614	34,684	4,930
Kentucky	9,364	34,093	9,205	13,385	9,760	8,893	867
Tennessee	9,415	44,037	9,372	20,037	13,632	12,549	1,083
Alabama	9,001	31,361	8,282	17,977	9,961	8,178	1,783
Mississippi	6,389	20,834	6,076	11,991	6,261	5,064	1,197
West South Central	55,884	232,235	56,930	102,248	69,934	62,320	7,614
Arkansas	6,696	22,672	6,829	9,762	5,933	5,049	884
Louisiana	6,887	36,402	6,766	18,552	12,786	11,039	1,747
Oklahoma	10,726	35,963	10,989	13,321	9,742	8,990	752
Texas	31,575	137,198	32,346	60,613	41,473	37,242	4,231
Mountain	18,568	82,924	19,035	25,738	23,005	21,167	1,838
Montana	2,632	10,358	2,754	2,522	2,413	2,121	292
Idaho	2,140	8,630	2,227	2,397	2,038	1,889	149
Wyoming	1,199	4,467	1,263	1,329	1,073	974	99
Colorado	6,186	27,473	6,333	9,422	8,221	7,648	573
New Mexico	1,612	6,352	1,575	2,202	1,714	1,584	130
Arizona	1,819	10,880	1,867	3,283	3,185	2,943	242
Utah	2,387	11,416	2,399	3,753	3,392	3,151	241
Nevada	593	3,348	617	830	969	857	112
Pacific	67,735	415,854	69,608	125,329	135,332	112,098	23,234
Washington	10,256	53,510	10,264	19,351	17,175	13,218	3,957
Oregon	6,256	34,203	6,428	11,376	10,910	8,788	2,122
California	51,223	328,141	52,916	94,602	107,247	90,092	17,155

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses. [2] See note 2, table 1056.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. III, Service Establishments.

No. 1058.—Service Trade—Employment by Size of Establishment, Based on Number Employed: 1939

[See headnote, table 1057]

Number of employees per establishment	Establishments: Number	Establishments: Percent of total	Number of proprietors of unincorporated businesses	Number of employees
Total	**646,028**	**100.0**	**652,491**	**1,102,047**
20 or more	7,758	1.2	3,035	489,871
8–19	12,087	1.9	8,147	139,990
6–7	9,863	1.5	8,212	62,836
4–5	22,290	3.4	19,613	96,787
3	26,846	4.2	24,743	79,509
2	54,076	8.4	51,036	106,242
1 [1]	147,865	22.9	146,466	126,812
No paid employees	365,243	56.5	391,239	----

[1] Or fraction on monthly average basis.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939, Vol. III, Service Establishments.

No. 1059.—Places of Amusement—Summary, by Kind of Business: 1939

[The census covers places of amusement, except those operated by educational institutions; religious, charitable, or fraternal agencies; governmental or civic bodies; and nonprofit organizations]

Kind of business	Number of establishments	Receipts (thousands of dollars)	Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) [1]	Pay roll (thousands of dollars) [1]: Total	Pay roll (thousands of dollars) [1]: Full-time	Pay roll (thousands of dollars) [1]: Part-time
Total	**44,917**	**998,079**	**33,971**	**223,229**	**225,481**	**205,211**	**20,270**
Amusement devices	1,093	7,314	705	1,600	1,504	1,363	141
Amusement parks	245	10,123	148	3,798	2,997	2,535	462
Bands and orchestras	550	4,946	831	3,467	3,654	2,978	676
Bathing beaches (not including municipal)	344	1,994	264	682	534	465	69
Bicycle rentals	247	433	247	76	46	41	5
Billiard and pool parlors	12,998	38,631	12,773	9,261	5,892	5,348	544
Boat and canoe rental service	1,382	1,944	1,341	413	276	211	65
Bowling alleys	4,646	48,819	4,037	31,557	17,347	12,862	4,485
Clubs, baseball (professional)	276	24,940	36	6,430	10,942	9,910	1,032
Dance halls, studios, and academies	2,191	14,156	2,029	8,128	4,498	2,872	1,626
Race tracks, automobile	36	978	24	337	132	51	81
Race tracks, dog	11	2,775	3	314	720	633	87
Race tracks, horse	45	40,732	3	3,795	7,312	6,028	1,284
Riding academies	840	2,875	765	1,108	777	722	55
Shooting galleries	324	850	255	207	160	148	12
Skating rinks, ice	59	1,693	24	493	503	441	62
Skating rinks, roller	1,134	6,550	1,088	2,624	1,641	1,243	398
Sports and athletic fields	78	5,845	35	1,354	1,355	1,145	210
Sports promoters	110	3,409	78	1,623	575	236	339
Swimming pools (not including municipal)	668	2,815	516	1,009	712	572	140
Theaters, motion-picture (including motion-picture theaters with vaudeville)	15,115	673,045	6,717	125,184	131,583	124,165	7,418
Theaters, legitimate stage and opera; and theatrical productions	231	32,461	83	4,579	11,459	11,267	192
Other places of amusement [2]	2,294	70,751	1,969	15,190	20,862	19,975	887

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

[2] Includes statistics for New York World's Fair and Golden Gate International Exposition.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939; separate report, Places of Amusement, and Vol. III, Service Establishments.

No. 1060.—Power Laundries, Cleaning and Dyeing Establishments, and Rug Cleaning Establishments—Summary: 1919 to 1939

[**All money figures in thousands of dollars.** Statistics cover establishments reporting receipts of $5,000 or more except for 1939 figures in italics, which represent establishments reporting receipts of $100 or more. The Census of Business for 1939 classified the establishments shown in this table as service establishments and covered those reporting receipts of $100 or more. See also table 1014 for statistics for 1939. Statistics for 1935 and earlier years were compiled in connection with the Census of Manufactures. Rug cleaning was treated, in general, as an activity of the power laundry industry for 1929 and earlier years]

YEAR	Number of establishments	Proprietors and firm members	Salaried employees	Wage earners (average for year)	Salaries	Wages	Cost of supplies, fuel, and purchased electric energy	Cost of contract work	Receipts for work done
Power laundries:									
1919	4,881	(1)	(1)	130,489	(1)	91,926	52,842	1,555	233,816
1925	4,859	3,851	15,412	169,200	31,613	162,466	55,407	1,107	362,295
1929	6,776	5,220	21,964	233,187	49,833	228,861	80,265	(2)	541,158
1935	6,316	4,244	19,920	208,354	34,586	154,791	62,796	2,356	369,452
1939	5,976	4,333	(3)	[3] 247,607	(4)	[4] 233,076	(1)	(1)	451,616
1939	*6,773*	*5,174*	(3)	[3] *249,008*	(4)	[4] *233,606*	(1)	(1)	*453,579*
Cleaning and dyeing establishments:									
1919	1,748	(1)	(1)	18,408	(1)	17,866	11,511	461	53,183
1925	2,406	2,263	5,769	29,386	10,550	37,590	15,188	814	102,394
1929	5,296	4,912	9,244	59,148	20,390	75,931	26,837	(2)	201,255
1935	5,510	4,980	9,334	57,286	12,483	49,792	21,656	1,129	130,657
1939	7,219	7,280	(3)	[3] 78,492	(4)	[4] 77,649	(1)	(1)	171,072
1939	*11,604*	*11,845*	(3)	[3] *82,810*	(4)	[4] *80,014*	(1)	(1)	*182,698*
Rug cleaning establishments:									
1935	506	395	670	2,344	1,136	2,260	1,211	90	8,001
1939	498	406	(3)	[3] 3,108	(4)	[4] 3,760	(1)	(1)	9,317
1939	*1,012*	*949*	(3)	[3] *3,429*	(4)	[4] *3,968*	(1)	(1)	*10,618*

[1] No comparable data.
[2] Included in figure for cost of supplies, fuel, and purchased electric energy.
[3] Data for "Salaried employees" included in "Wage earners (average for year)."
[4] Data for "Salaries" included in "Wages."

Source: Department of Commerce, Bureau of the Census; 1935 and earlier years, reports of Biennial Census of Manufactures; 1939, Census of Business, separate report, Power Laundries, etc., and Vol. III, Service Establishments.

No. 1061.—Hotels—Summary, 1929 to 1939, and by Size, 1939

[The census coverage of hotels is restricted, in the main, to establishments which are designated as hotels and which provide hotel accommodations as their major business activity. For 1935 and 1939, the canvass was limited to hotels having at least 6 guest rooms or having receipts from room rentals amounting to at least $500 for a full year's operations. Because of differences in coverage for 1929, 1933, 1935, and 1939, comparable data are available only for year-round hotels having 25 or more guest rooms]

YEAR	Number of hotels	Number of guest rooms	Receipts (thousands of dollars)	Employees, full-time and part-time (average for year) [1]	Total pay roll (thousands of dollars) [1]
All hotels:					
1935	28,822	1,428,646	720,145	291,165	191,845
1939	27,987	1,444,390	863,155	338,029	243,228
Year-round hotels with 25 or more guest rooms: [2]					
1929	11,873	1,005,684	873,508	[3] 267,903	232,137
1933	10,680	890,866	398,674	[3] 190,183	118,489
1935	11,373	934,661	565,317	[3] 234,491	158,400
1939	11,836	983,756	686,305	279,155	202,997

ITEM	SIZE OF HOTEL, 1939 (NUMBER OF GUEST ROOMS)				
	Less than 25 rooms	25 to 49 rooms	50 to 99 rooms	100 to 299 rooms	300 rooms and over
Number of hotels	12,136	8,156	4,626	2,521	548
Receipts (1,000 dollars)	62,275	78,967	119,631	258,972	343,310
Active proprietors of unincorporated businesses	12,025	7,702	3,350	907	34
Employees, full-time and part-time (average for year) [1]	20,285	30,273	47,578	108,458	131,435

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.
[2] No data included for California, as comparable figures for all years are not available.
[3] Based on number of employees for April, July, October, and December.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939; separate report, Hotels, and Vol. III, Service Establishments.

No. 1062.—Hotels—Summary, by States: 1939

[See headnote, table 1061]

Division and state	Number of hotels	Number of guest rooms	Receipts (thousands of dollars)					Active proprietors of unincorporated businesses	Employees, full-time and part-time (average for year) [1]	Total pay roll (thousands of dollars) [1]
			Total	Room rentals and sale of meals [2]	Sale of beverages	Sale of merchandise	Other			
United States	**27,987**	**1,444,390**	**863,155**	**685,953**	**107,505**	**15,996**	**53,701**	**24,018**	**338,029**	**243,228**
Year-round hotels	25,036	1,312,410	816,498	644,915	104,934	14,865	51,784	21,281	322,476	233,258
Seasonal hotels	2,951	131,980	46,657	41,038	2,571	1,131	1,917	2,737	15,553	9,970
New England	**1,523**	**68,846**	**49,899**	**37,329**	**9,891**	**717**	**1,962**	**1,239**	**19,641**	**14,119**
Maine	402	15,463	6,493	5,236	1,050	111	96	363	2,552	1,527
New Hampshire	241	9,089	4,315	3,716	371	112	116	220	1,744	1,062
Vermont	129	4,725	2,949	2,249	530	122	48	111	1,249	726
Massachusetts	494	27,422	26,798	19,370	5,906	285	1,237	341	10,619	7,949
Rhode Island	56	3,026	3,109	2,025	828	7	249	42	1,123	971
Connecticut	201	9,121	6,235	4,733	1,206	80	216	162	2,354	1,884
Middle Atlantic	**4,346**	**300,700**	**254,040**	**194,142**	**41,417**	**2,567**	**15,914**	**3,719**	**89,367**	**73,581**
New York	2,320	202,181	183,215	141,085	28,421	1,363	12,346	1,870	60,322	53,732
New Jersey	951	45,592	27,253	22,661	3,147	322	1,123	869	11,030	7,305
Pennsylvania	1,075	52,927	43,572	30,396	9,849	882	2,445	980	18,015	12,544
East North Central	**4,035**	**271,170**	**168,724**	**129,395**	**23,787**	**3,620**	**11,922**	**3,237**	**68,736**	**52,522**
Ohio	801	51,704	38,247	28,449	6,143	937	2,718	625	16,528	12,356
Indiana	507	26,631	15,078	11,665	2,092	479	842	404	6,648	4,285
Illinois	1,192	111,986	69,164	54,572	7,586	1,324	5,682	880	27,198	22,648
Michigan	865	54,440	29,137	21,999	4,920	460	1,758	747	11,915	8,680
Wisconsin	670	26,409	17,098	12,710	3,046	420	922	581	6,447	4,553
West North Central	**3,410**	**146,604**	**72,796**	**58,122**	**8,435**	**2,044**	**4,195**	**3,022**	**31,466**	**19,607**
Minnesota	804	36,685	19,030	14,880	2,816	439	895	723	7,547	5,499
Iowa	509	22,830	11,701	9,431	1,056	427	787	471	5,260	2,909
Missouri	828	41,877	22,608	17,964	2,706	496	1,442	670	10,331	6,833
North Dakota	232	7,143	2,995	2,289	443	144	119	222	1,093	597
South Dakota	194	6,727	2,517	1,965	255	120	177	168	991	555
Nebraska	384	15,311	7,834	6,137	1,022	230	445	354	3,310	1,817
Kansas	459	16,031	6,111	5,456	137	188	330	414	2,934	1,397
South Atlantic	**3,192**	**154,398**	**97,712**	**83,338**	**7,138**	**1,751**	**5,485**	**2,527**	**40,948**	**24,336**
Delaware	38	1,477	2,095	1,275	723	16	81	32	721	497
Maryland	211	9,479	8,192	6,020	1,606	152	414	180	3,792	2,242
District of Columbia	91	14,114	17,360	13,467	1,917	447	1,529	56	6,390	5,222
Virginia	410	17,149	11,658	10,369	328	316	645	323	5,439	2,912
West Virginia	244	11,247	6,025	5,315	137	166	407	183	3,024	1,897
North Carolina	373	15,745	8,750	8,054	163	83	450	308	4,349	1,924
South Carolina	144	6,285	3,664	3,458	54	21	131	110	1,950	825
Georgia	353	16,145	9,696	8,275	754	209	458	290	5,000	2,264
Florida	1,328	62,757	30,272	27,105	1,456	341	1,370	1,045	10,283	6,553
East South Central	**1,049**	**44,756**	**26,961**	**23,316**	**1,294**	**705**	**1,646**	**886**	**14,014**	**6,680**
Kentucky	319	12,613	7,989	6,513	755	159	562	282	3,743	2,239
Tennessee	317	15,480	10,029	8,779	192	313	745	257	5,288	2,355
Alabama	240	9,098	4,784	4,225	294	137	128	205	2,693	1,121
Mississippi	173	7,565	4,159	3,799	53	96	211	142	2,290	965
West South Central	**2,994**	**108,906**	**53,570**	**44,652**	**2,757**	**1,600**	**4,561**	**2,636**	**25,238**	**13,175**
Arkansas	334	11,784	5,620	4,661	235	282	442	312	2,722	1,313
Louisiana	285	11,109	9,541	7,239	1,214	180	908	242	4,307	2,454
Oklahoma	673	23,008	6,765	6,146	124	139	356	606	3,483	1,743
Texas	1,702	63,005	31,644	26,606	1,184	999	2,855	1,476	14,726	7,665
Mountain	**2,565**	**89,907**	**37,145**	**30,031**	**3,263**	**1,275**	**2,576**	**2,331**	**13,705**	**9,325**
Montana	492	16,433	4,876	3,978	562	178	158	485	1,598	1,193
Idaho	275	8,778	3,469	2,919	120	185	245	243	1,305	996
Wyoming	218	8,521	3,394	2,787	342	104	161	194	1,207	713
Colorado	722	26,488	9,097	7,789	792	130	386	676	3,853	2,420
New Mexico	229	6,775	3,650	2,893	418	232	107	184	1,599	834
Arizona	236	8,861	6,278	4,399	512	355	1,012	190	2,074	1,484
Utah	233	8,726	3,390	3,084	92	41	173	211	1,314	927
Nevada	160	5,325	2,991	2,182	425	50	334	148	755	758
Pacific	**4,873**	**259,103**	**102,308**	**85,628**	**9,523**	**1,717**	**5,440**	**4,421**	**34,914**	**29,883**
Washington	983	50,747	14,536	12,874	651	362	649	913	5,476	4,452
Oregon	494	24,521	8,010	7,361	191	159	299	456	3,201	2,250
California	3,396	183,835	79,762	65,393	8,681	1,196	4,492	3,052	26,237	23,181

[1] Employees and pay roll include paid executives of corporations but not number and compensation of proprietors of unincorporated businesses.

[2] 10,105 hotels with total receipts of $682,278,000 reported room rentals and sales of meals separately, as follows: Rentals, $311,542,000; meals, $209,102,000.

Source: Department of Commerce, Bureau of the Census; Census of Business, 1939; separate report, Hotels, and Vol. III, Service Establishments.

APPENDIX I

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949

[Comprises latest available figures for statistical time series shown in the historical supplement entitled *Historical Statistics of the United States, 1789–1945*. **For 1946 figures, see table 1101 of 1949 *Statistical Abstract*.** In some cases, figures incorporate revisions received too late to make changes elsewhere in volume. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Historical series are listed only where data are available for a year later than 1946. Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Numbers in boldface (as **A 100**) are series numbers from historical supplement. "Abstract table No." gives number of table in this edition of the *Statistical Abstract* in which recent figures appear, usually with more detail than can be shown in this appendix. Where no "Abstract table No." appears, the exactly corresponding series is not shown in this issue. "Earliest date" represents earliest year for which figures are shown in historical supplement. For general sources and qualifications of figures, see *Historical Statistics*]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
WEALTH AND INCOME							
Manhattan Island, value of land and buildings.[1]	**A 100**	------	Bil. dols	10.3	10.2	10.4	1833
GROSS NATIONAL PRODUCT OR EXPENDITURE							
Gross national product*	**A 101**	312	do	235.7	262.4	257.4	1929
Personal consumption expenditures*	**A 102**	312	do	166.9	178.8	179.4	1929
Durable goods*	**A 103**	312	do	22.0	23.5	24.4	1929
Nondurable goods*	**A 104**	312	do	96.2	102.2	98.9	1929
Services*	**A 105**	312	do	48.4	53.1	56.1	1929
Gross private domestic investment.*	**A 106**	312	do	31.1	45.0	34.7	1929
New construction*	**A 107**	312	do	13.8	17.9	17.3	1929
Residential nonfarm	**A 108**	------	do	(2)	(2)	(2)	1929
Other*	**A 109**	------	do	(2)	(2)	(2)	1929
Producers' durable equipment*	**A 110**	312	do	17.2	20.7	19.7	1929
Change in business inventories*	**A 111**	312	do	(3)	6.5	−2.3	1929
Net foreign investment*	**A 112**	312	do	8.9	1.9	.0	1929
Government purchases of goods and services.*	**A 113**	312	do	28.8	36.7	43.4	1929
Federal [4]*	**A 114**	312	do	15.7	20.9	25.4	1929
Government sales	**A 115**	312	do	1.3	.6	.4	1929
State and local*	**A 116**	312	do	13.1	15.8	18.0	1929
NATIONAL INCOME BY DISTRIBUTIVE SHARES							
National income*	**A 117**	315	do	201.7	226.2	221.5	1929
Compensation of employees*	**A 118**	315	do	127.6	140.3	141.1	1929
Wages and salaries*	**A 119**	315	do	122.3	135.3	135.6	1929
Private*	**A 120**	315	do	104.8	116.1	114.6	1929
Military*	**A 121**	315	do	4.0	3.9	4.2	1929
Government civilian	**A 122**	315	do	13.6	15.2	16.8	1929
Supplements to wages and salaries*	**A 123**	315	do	5.3	5.0	5.5	1929
Proprietors' income, total*	**A 124**	315	do	38.5	42.8	38.1	1929
Business and professional*	**A 125**	315	do	23.1	24.5	24.0	1929
Farm*	**A 126**	315	do	15.4	18.4	14.1	1929
Rental income of persons*	**A 127**	315	do	6.5	6.6	6.7	1929
Corporate profits and inventory valuation adjustment.*	**A 128**	315	do	25.6	32.6	31.4	1929
Corporate profits before tax*	**A 129**	315	do	31.6	34.8	28.8	1929
Corporate profits tax liability*	**A 130**	315	do	12.5	13.6	11.4	1929
Corporate profits after tax*	**A 131**	315	do	19.1	21.2	17.3	1929
Inventory valuation adjustment*	**A 132**	315	do	−6.0	−2.2	2.6	1929
Net interest*	**A 133**	315	do	3.4	3.8	4.2	1929
PERSONAL INCOME							
Personal income*	**A 134**	316	do	193.5	211.9	209.8	1929
Wage and salary receipts*	**A 135**	316	do	120.2	133.1	133.5	1929
Other labor income	**A 136**	316	do	1.8	2.0	2.1	1929
Proprietors' and rental income*	**A 137**	316	do	45.1	49.5	44.8	1929
Dividends*	**A 138**	316	do	7.0	7.9	8.4	1929
Personal interest income*	**A 139**	316	do	7.8	8.3	8.9	1929
Transfer payments	**A 140**	316	do	11.7	11.1	12.2	1929
Less: Personal tax and nontax payments.*	**A 141**	316	do	21.5	21.1	18.6	1929
Equals: Disposable personal income.*	**A 142**	316	do	172.0	190.8	191.2	1929
Less: Personal-consumption expenditures.*	**A 143**	316	do	166.9	178.8	179.4	1929
Equals: Personal saving*	**A 144**	316	do	5.1	12.0	11.8	1929

[1] Series prepared by Lee Thompson Smith, Chairman, Executive Committee, Home Title Guaranty Co., 135 Broadway, New York, N. Y., formerly President, Lawyers Title Corp., of New York.
[2] Revised data not available.
[3] Less than $500,000.
[4] Federal purchases are measured after deduction of government sales.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
POPULATION CHARACTERISTICS							
ANNUAL SUMMARY (JULY 1) [1]							
Total continental population	B 31	9, 10	Thousands	144,024	146,571	149,215	1790
By sex:							
Male	B 32	9	do	71,747	72,969	74,243	1900
Female	B 33	9	do	72,277	73,602	74,973	1900
By color:							
White	B 34	9	do	128,889	131,119	133,446	1900
Nonwhite	B 35	9	do	15,134	15,452	15,770	1900
By age last birthday:							
Under 15 years	B 36	9	do	37,373	38,863	40,419	1900
15 to 44 years	B 37	9	do	66,443	66,677	66,895	1900
45 to 64 years	B 38	9	do	29,553	30,090	30,631	1900
65 years and over	B 39	9	do	10,655	10,940	11,270	1900
INTERNAL MIGRATION							
MOVEMENT OF FARM POPULATION							
Farm population on Jan. 1	B 231	26	do	27,550	27,440	27,776	1910
Change through natural increase.	B 232	26	do	483	479		1920
Change through migration:							
Net farm-nonfarm migration	B 233	26	do	−593	−143		1920
Arrivals from nonfarm areas.[2]	B 234	26	do	1,030	1,237		1920
Departures for nonfarm areas.[3]	B 235	26	do	1,623	1,380		1920
IMMIGRATION							
IMMIGRANTS BY COUNTRY							
All countries	B 304	114	Number	147,292	170,570	188,317	1820
Europe, total	B 305	114	do	83,535	103,544	129,592	1820
Northwestern Europe:							
Great Britain	B 306	114	do	23,788	26,403	21,149	1820
Ireland [4]	B 307	114	do	2,574	7,534	8,678	1820
Scandinavia [5]	B 308		do	4,918	6,127	6,665	1820
Other Northwestern [6]	B 309		do	14,562	13,721	12,288	1820
Central Europe:							
Germany [7]	B 310	114	do	13,900	19,368	55,284	1820
Poland	B 311	114	do	745	2,447	1,673	1820
Other Central [8]	B 312	114	do	4,622	6,006	7,411	1861
Eastern Europe:							
U. S. S. R. and Baltic States [9]	B 313		do	761	897	694	1820
Other Eastern [10]	B 314		do	249	485	246	1820
Southern Europe:							
Italy	B 315	114	do	13,866	16,075	11,695	1820
Other Southern [11]	B 316		do	3,550	4,481	3,809	1820
Asia	B 317	114	do	5,823	10,739	6,438	1820
Turkey in Asia	B 318	114	do	22	16	40	1869
China	B 319	114	do	3,191	7,203	3,415	1820
Japan	B 320	114	do	131	423	529	1861
Other Asia	B 321	114	do	2,479	3,097	2,454	1820
America	B 322	114	do	52,753	52,746	49,334	1820
Canada and Newfoundland.	B 323	114	do	24,342	25,485	25,156	1820
Mexico	B 324	114	do	7,558	8,384	8,083	1820
Other America	B 325	114	do	20,853	18,877	16,095	1820
Africa	B 326	114	do	1,284	1,027	995	1820
Australasia	B 327		do	2,960	1,336	776	1870
Australia and New Zealand.	B 328	114	do	2,821	1,218	661	1870
Other Pacific Islands	B 329		do	139	118	115	1871
All other countries [12]	B 330		do	937	1,178	1,182	1820

[1] Includes armed forces outside continental U. S. [2] Includes persons returning from armed forces.
[3] Includes inductions and enlistments in the armed forces; and persons who have not moved but who are no longer in the farm population because agricultural operations have ceased on the place where they are living.
[4] Comprises Eire and Northern Ireland. [5] Comprises Norway, Sweden, Denmark, and Iceland.
[6] Comprises Netherlands, Belgium, Luxembourg, Switzerland, and France.
[7] Austria in Other Central, beginning 1946.
[8] Comprises Hungary, Czechoslovakia, and Yugoslavia; also Austria beginning with 1946.
[9] Comprises U. S. S. R., Latvia, Estonia, Lithuania, and Finland.
[10] Comprises Rumania, Bulgaria, and Turkey in Europe.
[11] Comprises Spain, Portugal, Greece, and remainder of European countries. [12] Includes Philippine Islands.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
IMMIGRATION—Con.							
AGE OF IMMIGRANTS							
Total immigrants	B 331	116	Number	147,292	170,570	188,317	1820
Percent male	B 332		do	36.5	39.5	42.7	1820
Under 16 years	B 333	116	do	18,831	24,095	32,728	1918
16 to 44 years	B 334	116	do	101,459	112,453	123,340	1918
45 and over	B 335	116	do	27,002	34,022	32,249	1918
NATURALIZATION OF ALIENS							
Declarations filed	B 337	123	do	37,771	60,187	64,866	1907
Petitions filed	B 338	123	do	88,802	68,265	71,044	1907
Aliens naturalized	B 339	123	do	[1] 93,904	70,150	66,594	1907
By sex:							
Male	B 340	124	do	52,998	33,147	27,865	1923
Female	B 341	124	do	40,906	37,003	38,729	1923
By place of former allegiance:							
Northwestern Europe	B 342		do	[2] 27,017	18,834	20,782	1923
Central Europe	B 343		do	24,220	17,495	14,471	1923
Eastern Europe	B 344		do	7,281	6,150	5,244	1923
Southern Europe	B 345		do	15,661	13,059	11,716	1923
Asia	B 346		do	977	1,433	1,515	1928
Canada	B 347		do	[3]	3,860	5,347	1923
Other America	B 348		do	4,676	3,183	3,607	1924
All other	B 349		do	14,072	6,136	3,912	1923
NONIMMIGRANT ALIENS ADMITTED AND ALIENS DEPARTING							
Nonimmigrant aliens admitted	B 350	111	do	366,305	476,006	447,272	1906
Aliens departing:							
Nonemigrant	B 351	111	do	300,921	427,343	405,503	1908
Emigrant	B 352	111	do	22,501	20,875	24,586	1908
VITAL STATISTICS							
REGISTRATION STATES							
Continental population, midyear. [4]	C 1	7	Thousands	143,405	146,113	148,720	1900
Birth-registration States: Midyear population [4]	C 2	7	do	143,405	146,113	148,720	1915
Death-registration States: Midyear population [4]	C 4	7	do	143,405	146,113	148,720	1900
COMPLETE EXPECTATION OF LIFE							
Death-registration States (white population):							
At birth:							
Male	C 6	90	Years	65.2	[5]	[5]	1900
Female	C 7	90	do	70.5	[5]	[5]	1900
Age 20:							
Male	C 8	90	do	48.7	[5]	[5]	1900
Female	C 9	90	do	53.4	[5]	[5]	1900
Age 40:							
Male	C 10		do	30.6	[5]	[5]	1900
Female	C 11		do	34.7	[5]	[5]	1900
Age 60:							
Male	C 12		do	15.3	[5]	[5]	1900
Female	C 13		do	17.8	[5]	[5]	1900

[1] Includes 5,370 members of the armed forces naturalized overseas.
[2] Includes Canada.
[3] Included in Northwestern Europe.
[4] Excludes armed forces overseas.
[5] Not available.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
VITAL STATISTICS—Con.							
BIRTH RATES							
By race:							
All races	C 24	64	Rate [1]	[2] 25.8	[2] 24.2	([3])	1915
White	C 25	68	do	[2] 25.5	[2] 23.6	([3])	1915
Nonwhite	C 26	68	do	[2] 28.2	[2] 29.5	([3])	1915
By age of mother:							
10 to 14 years	C 28	70	do [4]	.8	.9	([3])	1918
15 to 19 years	C 29	70	do	76.7	79.7	([3])	1918
20 to 24 years*	C 30	70	do	200.1	192.8	([3])	1918
25 to 29 years*	C 31	70	do	172.3	160.3	([3])	1918
30 to 34 years	C 32	70	do	107.5	100.3	([3])	1918
35 to 39 years	C 33	70	do	57.3	53.3	([3])	1918
40 to 44 years*	C 34	70	do	15.9	15.1	([3])	1918
45 to 49 years	C 35	70	do	1.2	1.1	([3])	1918
50 to 54 years*	C 36	------	do	([3])	([3])	([3])	1918
Gross reproduction rates*	C 37	35	do	1,613	1,542	([3])	1918
Stillbirth ratios	C 38	------	do [6]	[7] 23.7	[7] 23.5	([3])	1922
DEATH RATES							
Infant mortality rates:							
Total	C 39	83	do	32.2	32.0	([3])	1915
White	C 40	87	do	30.1	29.9	([3])	1915
Nonwhite	C 41	87	do	48.5	46.5	([3])	1915
Maternal mortality rates:							
Total	C 42	83	do	1.3	1.2	([3])	1915
White	C 43	------	do	1.1	.9	([3])	1915
Nonwhite	C 44	------	do	3.3	3.0	([3])	1915
By race and sex: [2]							
All races	C 45	76	do [1]	10.1	9.9	([3])	1900
White*	C 46	76	do	9.9	9.7	([3])	1900
Male*	C 47	76	do	11.4	11.2	([3])	1900
Female	C 48	76	do	8.5	8.3	([3])	1900
Nonwhite	C 49	76	do	11.3	11.3	([3])	1900
Male*	C 50	76	do	12.5	12.6	([3])	1900
Female*	C 51	76	do	10.2	10.0	([3])	1900
Age-adjusted death rates [2]	C 52	77	do	9.1	9.0	([3])	1900
Massachusetts death rate [2,8]	C 53	------	do	11.2	11.3	([3])	1865
By selected causes, death-registration States: [2]							
Tuberculosis (all forms)*	C 56	81	do [8]	33.5	30.0	([3])	1900
Diseases of the heart*	C 57	81	do	321.2	322.7	([3])	1900
Pneumonia and influenza*	C 58	81	do	43.1	38.7	([3])	1900
Cancer and other malignant tumors.*	C 59	81	do	132.4	134.9	([3])	1900
Diphtheria	C 60	81	do	.6	.4	([3])	1900
Typhoid and paratyphoid fever.	C 61	81	do	.2	.2	([3])	1900
By selected causes, Massachusetts: [2]							
Respiratory tuberculosis*	C 62	------	do	32.0	27.5	([3])	1861
Diphtheria	C 63	------	do	.3	.6	([3])	1861
Typhoid and paratyphoid fever.	C 64	------	do	.1	.1	([3])	1861

[1] Per 1,000 population.
[2] Based on population excluding armed forces overseas.
[3] Not available.
[4] Per 1,000 female population.
[5] Less than 0.05.
[6] Per 1,000 live births.
[7] Includes all stillbirths reported, regardless of stated period of gestation.
[8] Per 100,000 population.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
VITAL STATISTICS—Con.							
DEATH RATES—con.							
By age:[1]							
All ages	C 65	77	Rate [2]	10.1	9.9	[3]	1900
Under 1 year*	C 66	77	do	33.8	35.0	[3]	1900
1 to 4 years	C 67	77	do	1.6	1.6	[3]	1900
5 to 14 years	C 68	77	do	.7	.7	[3]	1900
15 to 24 years*	C 69	77	do	1.5	1.4	[3]	1900
25 to 34 years	C 70	77	do	2.1	2.0	[3]	1900
35 to 44 years	C 71	77	do	4.1	4.0	[3]	1900
45 to 54 years	C 72	77	do	9.3	9.0	[3]	1900
55 to 64 years	C 73	77	do	19.8	19.4	[3]	1900
65 to 74 years*	C 74	77	do	44.6	44.0	[3]	1900
75 to 84 years	C 75	77	do	98.1	96.3	[3]	1900
85 years and over	C 76	77	do	243.1	247.1	[3]	1900
MARRIAGE AND DIVORCE RATES							
Marriage rate [1] *	C 77	64	do	13.9	12.4	[3]	1867
Divorce rate	C 78	64	do	[1] 3.4	[1] 2.8	[3]	1867
HEALTH							
PHYSICIANS AND DENTISTS, AND MEDICAL AND DENTAL SCHOOLS							
Physicians	C 79	104	Number		199,745	[4] 202,516	1850
Medical schools:							
Number	C 80	104	do	78	79	79	1880
Graduates	C 81	104	do	[5] 6,389	[5] 5,543	[5] 5,094	1880
Dentists	C 82	104	do		75,645		1810
Dental schools:							
Number	C 83	104	do	40	41	[3]	1840
Graduates	C 84	104	do	2,225	1,913	[3]	1841
SELECTED REPORTABLE DISEASES							
Number States reporting	C 85		do	48	48	48	1912
Diphtheria	C 86		Rate [6]	8.7	6.6	5.4	1912
Smallpox	C 87		do	.1	.0	.0	1912
Typhoid and paratyphoid fever	C 88		do	[7] 2.8	[7] 2.7	2.4	1912
Scarlet fever	C 89		do	58.8	53.8	49.8	1912
Poliomyelitis	C 90		do	7.5	19.1	28.5	1912
Whooping cough	C 91		do	108.8	50.8	45.8	1922
HOSPITAL FACILITIES							
By type of service:							
Total:							
Hospitals	C 92	93	Number	6,276	6,335	[3]	1909
Beds	C 93	93	do	1,425,222	1,423,520	[3]	1909
General:							
Hospitals	C 94	93	do	4,539	4,589	[3]	1920
Beds	C 95	93	do	592,453	576,459	[3]	1920
Mental:							
Hospitals	C 96	93	do	585	586	[3]	1920
Beds	C 97	93	do	680,913	691,499	[3]	1920
Tuberculosis:							
Hospitals	C 98	93	do	441	438	[3]	1920
Beds	C 99	93	do	81,328	81,993	[3]	1920
All other:							
Hospitals	C 100	93	do	711	722	[3]	1920
Beds	C 101	93	do	70,528	73,569	[3]	1920
Beds per 1,000 population:							
Total	C 102	93	do	9.9	9.7	[3]	1909
General	C 103	93	do	4.1	3.9	[3]	1920

[1] Based on population excluding armed forces overseas. [2] Per 1,000 population. [3] Not available.
[4] As of Apr. 15, 1949. [5] Includes only those graduating through June 30.
[6] Per 100,000 population excluding armed forces overseas.
[7] Includes cases reported as salmonella infection.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
HEALTH—Con.							
HOSPITAL FACILITIES—con.							
By ownership or control:							
Total:							
Hospitals	C 104	93	Number	6,276	6,335	[1]	1923
Beds	C 105	93	do	1,425,222	1,423,520	[1]	1923
Governmental:							
Federal:							
Hospitals	C 106	93	do	401	372	[1]	1923
Beds	C 107	93	do	213,204	185,098	[1]	1923
State:							
Hospitals	C 108		do	563	567	[1]	1923
Beds	C 109		do	626,648	648,386	[1]	1923
Local:							
Hospitals	C 110		do	953	961	[1]	1923
Beds	C 111		do	190,353	186,283	[1]	1923
Nonprofit:							
Church:							
Hospitals	C 112		do	1,051	1,068	[1]	1923
Beds	C 113		do	141,920	144,036	[1]	1923
Other:							
Hospitals	C 114		do	1,965	2,016	[1]	1923
Beds	C 115		do	202,661	208,936	[1]	1923
Proprietary:							
Hospitals	C 116		do	1,343	1,351	[1]	1923
Beds	C 117		do	50,436	50,781	[1]	1923
U. S. PUBLIC HEALTH SERVICE							
Appropriations	C 118		Dollars	113,582,606	[2] 212,102,551	[2] 277,154,717	1798
Expenditures	C 119		do	110,887,645	139,871,282	134,184,536	1915
NUTRITION [3]							
Food production index, volume.	C 120		1935–39=100	140	133	135	1909
Food consumption index, per capita.	C 121		do	115	111	110	1909
Nutrients available, per capita per day [4]							
Food energy	C 122	106	Calories	3,350	3,240	3,210	1909
Calcium	C 123	106	Grams	1.08	1.04	1.03	1909
Vitamin A	C 124	106	Int. units	8,800	8,700	8,400	1909
Thiamine	C 125	106	Mgs	2.13	2.05	2.02	1909
Ascorbic acid	C 126	106	do	130	123	117	1909
Riboflavin	C 127	106	do	2.46	2.37	2.33	1909
APPARENT CIVILIAN PER CAPITA CONSUMPTION [5]							
Meats (carcass weight)*	C 128	105	Pounds	155.0	146.4	146.8	1899
Beef and veal*	C 129	105	do	79.8	72.7	72.6	1899
Pork, excluding lard*	C 130	105	do	69.8	68.7	70.2	1899
Lamb and mutton*	C 131	105	do	5.4	5.0	4.0	1899
Edible fats and oils	C 132	105	do	41.8	42.5	41.5	1912
Lard	C 133	105	do	12.7	13.0	12.3	1899
Margarine (actual weight)	C 134	105	do	5.0	6.1	5.6	1899
Fresh fruits*	C 135	105	do	145.5	131.1	129.1	1909
Citrus*	C 136	105	do	61.9	53.9	47.2	1909
Processed fruits:							
Canned fruits*	C 137	105	do	18.2	18.0	18.2	1909
Canned fruit juice*	C 138	105	do	16.3	18.1	14.9	1910
Dried fruit*	C 139	105	do	4.4	4.0	4.0	1909
Vegetables:							
Fresh	C 140	105	do	251	255	243	1909
Canned*	C 141	105	do	40.0	36.8	36.2	1909
Potatoes*	C 142	105	do	123	108	110	1909
Sweetpotatoes*	C 143	105	do	15.9	12.8	13.8	1909
Dry beans*	C 144	105	do	6.6	7.3	7.5	1909

[1] Not available.
[2] Includes $60,000,000 of contractual authorizations for 1948 and $110,930,000 for 1949.
[3] Revised data. For annual revisions to 1909, see Department of Agriculture, Bureau of Agricultural Economics, *Consumption of Food in the United States, 1909–48*.
[4] For revised figures back to 1935, see table 106, p. 92. [5] For revised figures back to 1935, see table 105, p. 91.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
NUTRITION [1]—Continued							
APPARENT CIVILIAN PER CAPITA CONSUMPTION [2]—con.							
Dairy products:							
Total milk for human consumption.*	C 145	105	Pounds	794	750	742	1924
Fluid milk and cream*	C 146	105	do	398	387	375	1924
Condensed and evaporated milk.	C 147	105	do	20.4	20.6	20.3	1899
Cheese	C 148	105	do	6.9	6.8	7.1	1849
Butter, farm and creamery*	C 149	105	do	11.2	10.0	10.3	1849
Eggs, farm and nonfarm	C 150	105	Number	379	386	374	1909
Chicken and turkey (dressed weight).*	C 151	105	Pounds	28 1	26.7	29.5	1909
Sugar, cane and beet (refined)*	C 152	105	do	91.1	95.6	93.3	1875
Wheat flour*	C 153	105	do	135	135	135	1909
Peanuts, shelled*	C 154	105	do	5.0	4.7	4.4	1920
Coffee (green bean basis)*	C 155	105	do	17.3	18.9	17.8	1909
LABOR FORCE							
EMPLOYMENT STATUS							
Total labor force	D 11	209	Thousands	61,608	62,748	63,571	1940
Male	D 12	209	do	44,694	45,150	45,524	1940
Female	D 13	209	do	16,915	17,599	18,048	1940
Civilian labor force	D 14	209	do	60,168	61,442	62,105	1940
Male	D 15	209	do	43,272	43,858	44,075	1940
Female	D 16	209	do	16,896	17,583	18,030	1940
Employed	D 17	209	do	58,027	59,378	58,709	1940
Male	D 18	209	do	41,677	42,428	41,660	1940
Female	D 19	209	do	16,349	16,950	17,049	1940
Nonagricultural employment.	D 20	211	do	49,761	51,405	50,684	1940
Male	D 21		do	34,725	35,795	35,022	1940
Female	D 22		do	15,036	15,610	15,661	1940
Agricultural employment	D 23	211	do	8,266	7,973	8,026	1940
Male	D 24		do	6,953	6,633	6,638	1940
Female	D 25		do	1,314	1,340	1,388	1940
Unemployed	D 26	209	do	2,142	2,064	3,395	1940
Male	D 27	209	do	1,595	1,430	2,415	1940
Female	D 28	209	do	547	633	980	1940
Not in labor force	D 29	209	do	45,850	45,733	46,051	1940
Male	D 30	209	do	8,242	8,213	8,354	1940
Female	D 31	209	do	37,608	37,520	37,697	1940
HOURS, WAGES, AND EARNINGS							
PRODUCTION WORKERS IN MANUFACTURING							
Average hourly earnings*	D 117	240	Dollars	1.237	1.350	1.402	1909
Average weekly hours*	D 118	240	Number	40.4	40.1	39.2	1909
Average weekly earnings*	D 119	240	Dollars	49.97	54.14	54.96	1909
Index of pay rolls*	D 120		1939 avg.=100	326.9	351.4	325.5	1919
BITUMINOUS COAL							
Average weekly earnings	D 145	241	Dollars	66.59	72.12	63.44	1909
Average weekly hours	D 146	241	Number	40.7	38.0	32.7	1909
Average hourly earnings	D 147	241	Dollars	1.636	1.898	1.940	1909
CLASS I STEAM RAILROADS							
Average weekly earnings	D 148		do	54.22	59.27	[3]	1921
Average weekly hours	D 149		Number	46.3	46.1	[3]	1921
Average hourly earnings	D 150		Dollars	1.171	1.283	[3]	1921
Straight-time average hourly earnings.	D 151		do	1.135	1.272	[3]	1921
INDEXES OF UNION HOURLY WAGE RATES AND WEEKLY HOURS							
Building trades:							
All workers:							
Wage rate	D 152	243	1939=100	147.9	163.5	170.3	1907
Weekly hours	D 153	243	do	100.1	100.1	100.2	1907

[1] Revised data. For annual revisions to 1909, see Department of Agriculture, Bureau of Agricultural Economics, *Consumption of Food in the United States, 1909–48*.

[2] For revised figures back to 1935, see table 105, p. 91.

[3] Not available.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
HOURS, WAGES, AND EARNINGS—Con.							
INDEXES OF UNION HOURLY WAGE RATES AND WEEKLY HOURS—continued							
Building trades—Continued							
Journeymen:							
Wage rate	D 154	243	1939=100	144.6	159.4	166.1	1907
Weekly hours	D 155	243	do	100.9	101.0	101.1	1907
Helpers and laborers:							
Wage rate	D 156	243	do	171.1	192.7	199.8	1907
Weekly hours	D 157	243	do	97.4	97.3	97.3	1907
Printing trades:							
All printing:							
Wage rate	D 158	243	do		[1] 170.2	190.9	1911
Weekly hours	D 159	243	do		[1] 95.5	95.3	1911
Book and job:							
Wage rate	D 160	243	do		[1] 169.8	190.5	1907
Weekly hours	D 161	243	do		[1] 94.4	94.3	1907
Newspaper:							
Wage rate	D 162	243	do		[1] 171.5	192.4	1907
Weekly hours	D 163	243	do		[1] 97.8	97.3	1907
FARM WAGES							
Per month:							
With board	D 172		Dollars	96.00	102.00	[2]	1866
Without board	D 173		do	111.00	117.00	[2]	1866
Per day:							
With board	D 174		do	4.50	4.75	[2]	1866
Without board	D 175		do	5.10	5.30	[2]	1866
Per month: [3]							
With board	D 172a	217	do		101.00	99.00	
Without board	D 173a	217	do		122.00	121.00	
Per day: [3]							
With board	D 174a	217	do		4.50	4.45	
Without board	D 175a	217	do		4.45	4.45	
Index numbers of composite farm wage rates. [4]	D 176	217	1910–14=100	424	445	429	1866
PRODUCTIVITY INDEXES							
Output per man-hour:							
Railroad transportation	D 214	245	1939=100	135.0	133.3	[5]	1916
Mining*	D 215	245	do	111.1	111.0	[5]	1880
Electric light and power	D 216	245	do	167.0	171.0	[5]	1917
Output per worker in agriculture.*	D 217	245	do	116.6	130.1	[5]	1909
UNION MEMBERSHIP							
All unions, total membership	D 218	249	Thousands	15,414	14,000–16,000	14,000–16,000	1897
American Federation of Labor:							
Number of affiliated unions.	D 219	249	Number	105	105	107	1897
Total membership	D 220	249	Thousands	7,578	7,221	7,241	1897
Congress of Industrial Organizations:							
Number of affiliated unions.	D 221	249	Number	41	40	39	1937
Total membership	D 222	249	Thousands	6,000	[5]	[5]	1937
Independent or unaffiliated unions, total membership.	D 223	249	do	1,836	1,800–2,500	1,800–2,500	1897

[1] Covers 18-month period from July 1, 1946, to Jan. 2, 1948.
[2] Series discontinued in 1948. For revised data for selected years 1909–48, see table 217, p. 180; for complete revisions, annually 1909–48, comparable to data in *Historical Statistics*, see Department of Agriculture, Bureau of Agricultural Economics, *Farm Labor*, Dec. 9, 1949.
[3] Series D172a–175a are new series and are substituted for series D172–175; see note 2. SOURCE: Department of Agriculture, Bureau of Agricultural Economics, *Farm Labor*, Feb. 10, 1950.
[4] Revised series. For revised series for selected years 1909–46, see table 217, p. 180; for complete revisions, annually 1909–48, see Department of Agriculture, Bureau of Agricultural Economics, *Farm Labor*, Dec. 9, 1949.
[5] Not available.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
WORK STOPPAGES							
WORK STOPPAGES AND MAN-DAYS IDLE							
Stoppages beginning in year:							
Number	D 224	250	Number	3,693	3,419	3,606	1881
Workers involved [1]	D 225	250	Thousands	2,170	1,960	3,030	1881
Percent of employed wage earners.	D 226	250	Percent	6.5	5.5	9.0	1890
Man-days idle:							
Number	D 227	220	Thousands	34,600	34,100	50,500	1927
Percent of estimated working time.	D 228	250	Percent	.41	.37	.59	1927
Per worker involved	D 229	250	Number	15.9	17.4	16.7	1927
MAJOR ISSUES AND AVERAGE DURATION							
Number of stoppages	D 230	251	do	3,693	3,419	3,606	1881
Major issues:							
Wages and hours	D 231	251	do	1,707	1,737	1,682	1881
Union organization	D 232	251	do	1,102	780	781	1881
Other and not reported	D 233	251	do	884	902	1,143	1881
Average duration of stoppages	D 234	250	Days	25.6	21.8	22.5	1927
Workers involved [1]	D 235	251	Thousands	2,170	1,960	3,030	1881
Major issues:							
Wages and hours	D 236	251	do	805	1,210	1,540	1881
Union organization	D 237	251	do	931	228	81	1881
Other and not reported	D 238	251	do	431	518	1,400	1881
AGRICULTURE—GENERAL STATISTICS							
FARM REAL ESTATE							
Total value, selected items of farm property.[2]*	E 2	------	Mil. dols	79,895	88,513	93,432	1850
Farm land and buildings, total value.	E 3	------	do	58,604	62,813	65,168	1850
Index of estimated value of farm real estate per acre.	E 5	685	1912-14=100	159	170	175	1912
Estimated number of farms changing ownership:							
Total, all classes	E 6	685	Rate [3]	75.8	65.9	56.9	1926
Voluntary sales and trades	E 7	685	do	57.7	49.0	40.8	1926
Forced sales and related defaults.	E 8	685	do	1.8	1.5	1.6	1926
Foreclosures of mortgages, etc.	E 9	------	do	1.1	1.0	1.2	1926
Delinquent taxes	E 10	------	do	.7	.5	.4	1926
Other transfers	E 11	685	do	16.3	15.4	14.5	1926
Percentage of voluntary sales and trades:							
Purchased by local residents	E 12	------	Percent	80	80	(4)	1928
Purchased for operation	E 13	------	do	80	81	(4)	1928
Occupation of purchaser:							
Active farmer	E 14	------	do	64	68	(4)	1928
Retired farmer	E 15	------	do	4	4	(4)	1928
Other occupation	E 16	------	do	32	28	(4)	1928
FARM LABOR, EMPLOYMENT, WAGES, AND PRODUCTIVITY							
Employment:							
Total farm*	E 61	217	1,000 workers	11,166	11,080	10,756	1909
Family workers*	E 62	217	do	8,759	8,595	8,326	1909
Hired workers*	E 63	217	do	2,407	2,485	2,430	1909

[1] Includes duplication, particularly in 1949 when coal miners were counted in each of three industrywide stoppages.
[2] Includes land and buildings, machinery and equipment, livestock and crops for sale.
[3] Per 1,000 farms, years ending Mar. 15.
[4] Not available.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
AGRIC.—GENERAL—Con.							
FARM LABOR, ETC.—con.							
Wage rates:							
Index numbers, composite farm wage rates.[1]	E 64	217	1910–14=100	424	445	429	1866
Per month:							
With board	E 65	------	Dollars	96.00	102.00	(2)	1866
Without board	E 66	------	do	111.00	117.00	(2)	1866
Per day:							
With board	E 67	------	do	4.50	4.75	(2)	1866
Without board	E 68	------	do	5.10	5.30	(2)	1866
Per month:[3]							
With board	E 65a	217	do	----------	101.00	99.00	------
Without board	E 66a	217	do	----------	122.00	121.00	------
Per day:[3]							
With board	E 67a	217	do	----------	4.50	4.45	------
Without board	E 68a	217	do	----------	4.45	4.45	------
Farmers' expenditures for hired labor.*	E 69	------	Mil. dols	2,837	3,062	(4)	1909
Productivity index numbers:							
Of production for sale and home consumption per worker.*	E 70	------	1935–39=100	142	146	151	1910
Of gross farm production per worker.	E 71	------	do	130	142	142	1910
Indexes of volume of prod.:							
Production for sale and home consumption.*	E 72	------	do	136	139	[5] 139	1909
Gross farm production	E 73	------	do	121	131	[5] 128	1910
Aggregate acreage, 52 crops:							
Planted or grown	E 74	------	1,000 acres	358,533	363,686	369,369	1929
Harvested	E 75	------	do	348,907	352,297	356,041	1919
FARM TAXES AND INSURANCE							
Taxes levied on farm property:							
On farm real estate	E 76	------	Mil. dols	600	651	(4)	1890
Amount per acre	E 77	------	Dollars	.53	.57	(4)	1890
Amount per $100 of value	E 78	------	do	.96	1.00	(4)	1909
On farm personal property	E 79	------	Mil. dols	105	115	(4)	1924
State automotive taxes paid by farmer:							
State motor vehicle licenses and permits.*	E 80	------	do	91	105	(4)	1910
State motor fuel taxes*	E 81	------	do	106	111	(4)	1919
Farmers' mutual fire insurance:							
Companies*	E 82	------	Number	1,869	1,868	1,868	1914
Insurance in force at end of year.*	E 83	------	1,000 dols	17,973,000	20,120,000	21,862,000	1914
Cost per $100 of insurance*	E 84	------	Cents	23.3	25.9	22.3	1914
Losses*	E 85	------	do	15.8	17.4	14.0	1914
Expenses*	E 86	------	do	7.5	8.5	8.3	1914
Surplus and reserves at end of year.*	E 87	------	1,000 dols	82,505	98,105	111,668	1935
FARM INCOME, PRICES RECEIVED AND PAID							
Cash receipts from farm marketings.*	E 88	692	Mil. dols	30,328	30,802	27,704	1910
Crops	E 89	692	do	13,504	13,485	12,566	1910
Livestock*	E 90	692	do	16,510	17,061	14,952	1910

[1] Revised series. For revised data for selected years 1909–46, see table 217, p. 180; for complete revisions, annually 1909–48, see Department of Agriculture, Bureau of Agricultural Economics, *Farm Labor*, Dec. 9, 1949.

[2] Series discontinued in 1948. For revised data for selected years 1909–48, see table 217, p. 180; for complete revisions, annually 1909–48, comparable data in *Historical Statistics*, see Department of Agriculture, Bureau of Agricultural Economics, *Farm Labor*, Dec. 9, 1949.

[3] Series E 65a–68a are new series and are substituted for series E 65–68; see note 2. SOURCE: Department of Agriculture, Bureau of Agricultural Economics, *Farm Labor*, Feb. 10, 1950.

[4] Not available. [5] Estimated on basis of December 1949 crop report.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
AGRIC.—GENERAL—Con.							
FARM INCOME, ETC.—con.							
Farm income:[1]							
Gross farm income*	E 91	692	Mil. dols.	34,643	35,299	31,832	1910
Total farm production expenses.*	E 92	692	do.	16,849	18,556	18,020	1910
Realized net income of farm operators.*	E 93	692	do.	17,794	16,743	13,812	1910
Net income to persons on farms from farming.*	E 94	692	do.	18,724	19,529	15,882	1910
Index numbers of prices received and paid by farmers, taxes, etc.:							
Prices received by farmers:[2]							
All farm products	E 95a	692	1910–14=100	275	285	249	1910
Crops	E 96a	692	do.	263	252	223	1910
Livestock and products	E 97a	692	do.	287	314	272	1910
Prices paid by farmers:[3]							
Living and production	E 98	692	do.	231	250	241	1910
Living	E 99	692	do.	237	251	243	1910
Production	E 100	692	do.	224	250	238	1910
Payable per acre:							
Interest payable*	E 101	692	do.	70	72	76	1910
Taxes payable	E 102	692	do.	222	254	275	1910
Prices paid, including interest, taxes and wage rates[4]	E 103a	692	do.	240	259	250	1910
Parity ratio[3]	E 104	692	do.	115	110	100	1910
FARM MACHINERY AND EQUIPMENT AND FERTILIZER CONSUMPTION							
Farm machinery and equipment:							
Value of farm implements and machinery.[5]	E 105	709	Mil. dols.	6,628	8,987	11,033	1850
Tractors on farms, Jan. 1*	E 106	709	Thousands	2,800	3,150	3,500	1910
Sales of farm equipment, machinery, and parts.*	E 107	709	Mil. dols.	1,132.7	1,478.2	(6)	1920
Farmers' expenditures for—							
Motor vehicles, machinery, and parts.*	E 108	709	do.	2,323	2,965	(6)	1910
Motor vehicles*	E 109	709	do.	1,061	1,381	(6)	1910
Machinery and equipment.*	E 110	709	do.	1,262	1,584	(6)	1910
Commercial fertilizer:							
Consumed in United States.[7] *	E 111	------	1,000 short tons	17,397	(6)	(6)	1850
Nutrients contained:							
Nitrogen (N)*	E 112	------	do.	836	(6)	(6)	1850
Phosphoric acid (P_2O_5)*	E 113	------	do.	1,775	(6)	(6)	1850
Potash (K_2O)*	E 114	------	do.	879	(6)	(6)	1850
Farmers' expenditures for fertilizer and lime.*	E 115	------	Mil. dols.	685	750	(6)	1909
Lime consumed on farms[8]*	E 116	------	1,000 short tons	29,834	17,901	(6)	1909

[1] Includes Government payments.

[2] Series E 95a–97a (computed to base January 1910–December 1914=100) are new series, substituted for series E 95–97 (computed to base August 1909–July 1914) which have been discontinued. For annual indexes covering period 1910–46 for series E 95a–97a, see Department of Agriculture, Bureau of Agricultural Economics, *Agricultural Prices*, Jan. 31, 1950.

[3] Revised data. For revised figures for selected years, 1930–46, see table 692, p. 582. For revised annual figures, 1910–46, see Department of Agriculture, Bureau of Agricultural Economics, *Agricultural Prices*, Jan. 31, 1950.

[4] Series E 103a is a new series and is a substitute for series E 103 (prices paid, including interest and taxes) which has been discontinued. For annual indexes covering periods 1910–46 for series E 103a, see Department of Agriculture, Bureau of Agricultural Economics, *Agricultural Prices*, Jan. 31, 1950.

[5] Includes autos for family use as well as production, and excludes harness and saddlery.

[6] Not available.

[7] Includes Hawaii and Puerto Rico. Calendar year.

[8] Excludes Territories. Calendar year.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
LIVESTOCK							
NUMBER, VALUE, PRODUCTION, AND PRICES							
Number on farms and value per head:							
All cattle:							
Number	E 117	764	1,000 head	81,207	78,126	78,298	1867
Value per head	E 118		Dollars	97.40	116.00	135.00	1867
Hogs:							
Number	E 119	764	1,000 head	56,921	55,028	57,128	1867
Value per head	E 120		Dollars	36.00	42.80	38.20	1867
Stock sheep:							
Number	E 121	764	1,000 head	32,125	29,976	27,651	1867
Value per head	E 122		Dollars	12.20	15.00	17.00	1867
Horses:							
Number	E 123	764	1,000 head	7,249	6,589	5,898	1867
Value per head	E 124		Dollars	59.20	55.50	52.30	1867
Mules:							
Number	E 125	764	1,000 head	2,772	2,541	2,318	1867
Value per head	E 126		Dollars	141.00	133.00	117.00	1867
Liveweight production and annual average price received by farmers, per 100 pounds:							
All cattle:							
Production	E 127		1,000 lbs	19,054,920	18,370,760	19,410,068	1909
Price, beef cattle	E 128	768	Dollars	18.50	22.20	19.80	1910
Price, veal calves	E 129	768	do	20.40	24.40	22.70	1910
Hogs:							
Production	E 130		1,000 lbs	18,666,554	18,739,227	20,375,991	1909
Price per 100 lbs	E 131	768	Dollars	24.10	23.10	18.10	1909
Sheep:							
Production	E 132		1,000 lbs	1,579,402	1,403,833	1,313,148	1909
Price, sheep	E 133	768	Dollars	8.41	9.66	9.29	1910
Price, lambs	E 134	768	do	20.50	22.80	22.40	1910
Total workstock 2 years old and over on farms.	E 135		1,000 head	9,474	8,658	7,833	1920
MEAT							
SLAUGHTERING, PRODUCTION, AND PRICE							
Beef:							
Cattle slaughtered	E 136	767	do	22,393	19,186	18,789	1899
Under Federal inspection	E 137	767	do	15,524	12,994	13,222	1900
Production, dressed weight*	E 138	771	Mil. lbs	10,428	9,183	9,539	1900
Price of beef steers per cwt.	E 139	768	Dollars	25.83	30.88	25.80	1899
Veal:							
Calves slaughtered	E 140	767	1,000 head	13,695	12,328	11,345	1900
Under Federal inspection	E 141	767	do	7,933	6,907	6,449	1900
Production, dressed weight	E 142	771	Mil. lbs	1,599	1,419	1,323	1899
Price of veal calves per cwt.	E 143	768	Dollars	24.98	29.02	27.64	1900
Pork:							
Hogs slaughtered	E 144	767	1,000 head	74,710	71,936	75,293	1900
Under Federal inspection	E 145	767	do	49,116	47,615	53,032	1900
Production, dressed weight	E 146	771	Mil. lbs	10,601	10,241	10,412	1899
Price of hogs per cwt	E 147	768	Dollars	24.45	23.14	18.12	1899
Lamb and mutton:							
Lambs and sheep slaughtered.	E 148	767	1,000 head	18,766	17,439	13,872	1900
Under Federal inspection	E 149	767	do	16,667	15,343	12,136	1900
Production, dressed weight	E 150	771	Mil. lbs	802	753	605	1899
Price of lambs per cwt	E 151	768	Dollars	22.63	25.04	25.54	1900
DAIRYING							
COWS KEPT FOR MILK ON FARMS AND MILK PRODUCED							
Cows and heifers 2 yrs. old and over kept for milk, Jan. 1.	E 152		1,000 head	26,098	25,039	24,416	1849
Value per head	E 153		Dollars	145.00	164.00	193.00	1867
Milk produced on farms during year.	E 154		Mil. lbs	119,065	115,527	119,136	1889

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
DAIRYING—Con.							
MILK SOLD AND MANUFACTURED DAIRY PRODUCTS							
Whole milk sold from farms during year.	E 155	.....	Mil. lbs	76,305	74,486	(1)	1869
Production of dairy products:							
Butter	E 156	.....	1,000 lbs	1,645,518	1,512,720	(1)	1849
Factory	E 157	776	do	1,329,094	1,210,042	(1)	1879
Farm	E 158	.....	do	315,840	298,520	(1)	1849
Cheese, factory [2]	E 160	.....	do	1,182,946	1,094,425	1,193,415	1869
Evaporated and condensed milk.*	E 161	.....	do	3,629,838	3,777,999	3,153,270	1869
Ice cream*	E 162	776	1,000 gals	630,766	573,544	553,705	1859
Milk equivalent of dairy products, based on State data net: [3]							
Factory	E 164	.....	Mil. lbs	55,520	51,962	55,110	1930
Farm				6,268	5,928	(1)	
WHOLESALE PRICES OF CHEESE AND BUTTER							
Cheese, American, twins, per lb.	E 165	778	Cents	36.0	40.7	30.4	1879
Butter at New York, per lb*	E 166	778	do	71.3	75.8	61.5	1830
PRICES RECEIVED BY FARMERS							
Butter, per pound	E 167	778	do	63.3	66.8	(1)	1909
Butterfat in cream, per pound [4]*	E 168	.....	do	71.8	79.7	(1)	1909
Whole milk:							
Wholesale, per 100 lbs	E 169	.....	Dollars	4.26	4.86	(1)	1910
Retail, per quart	E 170	.....	Cents	17.5	18.8	(1)	1909
POULTRY							
Chickens:							
Number on farms, Jan. 1	E 171	.....	Thousands	474,441	461,550	448,676	1909
Value per head, Jan. 1	E 172	.....	Dollars	1.44	1.44	1.66	1909
Number produced	E 173	.....	Thousands	660,366	556,340	660,567	1909
Price per pound	E 174	783	Cents	26.8	30.6	25.7	1909
Eggs:							
Number produced (on farms).	E 175	.....	Millions	55,252	55,158	56,382	1909
Price per dozen	E 176	.....	Cents	45.3	47.2	45.1	1909
Turkeys:							
Number on farms, Jan. 1	E 177	.....	Thousands	6,650	4,450	5,540	1910
Value per head, Jan. 1	E 178	.....	Dollars	6.47	6.87	8.70	1929
Number produced	E 179	.....	Thousands	34,648	31,732	41,666	1929
Price per pound	E 180	.....	Cents	36.4	46.7	35.1	1929
CROP STATISTICS							
Corn for all purposes:							
Acreage harvested	E 181	726	1,000 acres	83,932	86,067	86,735	1866
Production	E 182	726	1,000 bu	2,383,970	3,681,793	3,377,790	1839
Price per bushel, season average.	E 183	726	Dollars	2.16	1.29	1.19	1908
Stocks on farms, Oct. 1	E 185	.....	1,000 bu	254,210	114,035	708,443	1926
All wheat for grain:							
Acreage harvested	E 186	726	1,000 acres	74,389	73,017	76,751	1866
Production	E 187	726	1,000 bu	1,367,186	1,313,534	1,146,463	1839
Price per bushel, season average.	E 188	726	Dollars	2.29	2.00	1.86	1908
Stocks on farms, July 1	E 190	.....	1,000 bu	40,477	94,511	67,172	1926

[1] Not available.

[2] Excludes full skim American-type cheese in thousands of pounds as follows: 1947, 2,153; 1948, 1,956. Figures for full skim were included in series E 159 and E 160 in *Historical Statistics*.

[3] Includes milk equivalent of farm butter plus net milk equivalent of manufactured dairy products made in factories.

[4] Prices received by farmers for butterfat.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
CROP STATISTICS—Con.							
Wheat in all off-farm positions, July 1:							
Total off farms	E 191	------	1,000 bu	43,336	101,480	240,175	1926
Interior mills and elevators	E 192	------	do	10,116	30,645	75,859	1926
Terminals	E 193	------	do	8,129	34,065	128,158	1926
Merchant mills	E 194	------	do	24,591	34,240	32,361	1926
C. C. C. bins	E 195	------	do	500	2,530	3,797	1941
Oats for grain:							
Acreage harvested	E 196	726	1,000 acres	38,451	40,198	40,560	1866
Production	E 197	726	1,000 bu	1,199,422	1,493,304	1,322,924	1839
Price per bushel, season average.	E 198	726	Dollars	1.050	.729	.634	1908
Barley for grain:							
Acreage harvested	E 200	726	1,000 acres	11,014	11,987	9,879	1866
Production	E 201	726	1,000 bu	281,185	315,894	238,104	1839
Price per bushel, season average.	E 202	726	Dollars	1.70	1.17	1.05	1908
Flaxseed:							
Acreage harvested	E 204	726	1,000 acres	4,030	4,859	4,880	1889
Production	E 205	726	1,000 bu	40,536	54,529	43,664	1849
Price per bushel, season average.	E 206	726	Dollars	6.15	5.75	3.58	1908
Soybeans for beans:							
Acreage harvested	E 208	726	1,000 acres	11,212	10,430	9,912	1924
Production	E 209	726	1,000 bu	183,558	223,006	222,305	1924
Price per bushel, season average.	E 210	726	Dollars	3.34	2.27	2.08	1924
All hay:							
Acreage harvested	E 211	726	1,000 acres	75,489	73,208	72,835	1909
Production	E 213	726	1,000 tons	102,765	99,471	99,305	1909
Price per ton [1]	E 215	726	Dollars	22.30	23.60	21.80	1909
Cotton:							
Acreage harvested	E 217	726	1,000 acres	21,269	22,821	26,898	1866
Production	E 218	726	1,000 bales	11,857	14,877	16,034	1790
Average price per pound, season.	E 219	726	Cents	31.93	30 41	28.60	1908
Stocks, Aug. 1, running bales.	E 221	------	1,000 bales	2,530	3,080	52.87	1906
Cottonseed:							
Production	E 222	726	1,000 tons	4,681	5,945	6,477	1866
Average price per ton, season.	E 223	726	Dollars	85.90	67.20	42.80	1909
FRUITS AND VEGETABLES							
Irish potatoes:							
Acreage harvested *	E 225	726	1,000 acres	2,101	2,109	1,901	1866
Production	E 226	726	1,000 bu	389,048	454,654	401,962	1849
Average price per bushel	E 227	726	Cents	162.0	155.0	140.0	1866
Sweetpotatoes:							
Acreage harvested	E 228	726	1,000 acres	594	516	542	1866
Production	E 229	726	1,000 bu	55,746	50,204	54,232	1849
Average price per bushel	E 230	726	Cents	217.0	222.0	214.0	1866
Apples:							
Commercial production	E 232	748	1,000 bu	113,041	88,407	133,181	1934
Returns per bushel	E 233	748	Dollars	1.79	2.23	1.45	1909
Peaches:							
Production	E 234	748	1,000 bu	82,270	65,352	74,780	1889
Returns per bushel	E 235	748	Dollars	1 67	2.05	1.53	1909
Pears:							
Production	E 236	748	1,000 bu	35,312	26,334	36,627	1889
Returns per bushel	E 237	748	Dollars	1.95	2.53	1.19	1919
Grapes:							
Production	E 238	748	1,000 tons	3,036	3,044	2,702	1899
Returns per bushel *	E 239	748	Dollars	40.20	39.50	35.10	1924
Oranges:							
Production (incl. tangerines)	E 240	748	1,000 boxes	114,510	104,020	110,000	1909
Returns per box*	E 241	748	Dollars	1.29	1.70	1.56	1909
Grapefruit:							
Production	E 242	748	1,000 boxes	61,630	45,520	36,350	1909
Returns per box	E 243	748	Dollars	.50	.80	1.64	1909

[1] Beginning with 1947, price is for baled hay.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
FARM CREDIT							
FARM-MORTGAGE DEBT, LOANS, AND INTEREST							
Farm-mortgage debt:							
Total debt outstanding, Jan. 1	E 244	467	1,000 dols	4,777,355	4,881,744	5,108,183	1910
Amounts, Jan. 1, held by—							
Federal land banks and FFMC.[1]	E 245	467	do	1,123,369	995,999	946,076	1918
Life insurance companies[1]	E 246	467	do	890,161	936,730	1,035,719	1910
Commercial banks	E 247	467	do	683,229	793,476	847,841	1910
Joint-stock land banks[1]	E 248	467	do	1,641	645	462	1918
Individuals and others	E 249	467	do	2,078,955	2,154,894	2,278,085	1910
Farm-mortgage loans closed by Federal land banks and FFMC.	E 250	467	do	147,627	148,591	180,643	1917
Interest payable on farm mortgages:							
Interest rates:							
Mortgage loans recorded	E 252	467	Percent	[2] 4.5	[3]	[2] 4.7	1910
Mortgage loans outstanding, Jan. 1.	E 253	467	do	4.6	4.6	4.6	1910
Interest charges:							
Amount	E 254	467	1,000 dols	221,542	229,284	242,000	1910
Index of interest charges per acre.*	E 255	467	1910–14=100	70	72	76	1910
BANKRUPTCY CASES							
Filed by farmers	E 256		Number	182	166	228	1899
As percent of all cases	E 257		Percent	1.4	.9	.9	1899
NONREAL-ESTATE AGRICULTURAL LOANS AND DISCOUNTS							
Commercial bank nonreal-estate agricultural loans outstanding, Jan. 1.[4]	E 258	466	1,000 dols	1,333,048	1,660,930	2,861,174	1910
Emergency crop and feed loans:							
Made during year*	E 259		do	[5]	[5]	[5]	1918
Outstanding, Jan. 1[6]*	E 260		do	116,733	105,913	90,048	1922
Federal intermediate credit banks; loans to and discounts for—							
Private financing institutions:							
Made during year	E 261	466	do	107,546	157,611	154,635	1923
Outstanding, Jan. 1	E 262	466	do	31,701	37,916	55,750	1924
Cooperative associations:							
Made during year	E 263	466	do	14,128	13,639	9,900	1923
Outstanding, Jan. 1	E 264	466	do	4,151	4,000	4,709	1924
Banks for cooperatives:							
Made during year	E 265	466	do	134,555	162,115	201,421	1935
Outstanding, Jan. 1	E 266	466	do	41,538	44,534	66,131	1936
INDEXES OF DEPOSITS OF COUNTRY BANKS							
Total deposits	E 267		1924–29=100	410	418	413	1923
Demand deposits	E 268		do	565	574	562	1923
Time deposits*	E 269		do	204	210	212	1923

[1] Includes purchase-money mortages and sales contracts in addition to regular mortgages.
[2] Average of rates on mortgages recorded during month of March only.
[3] Not available.
[4] Includes loans guaranteed by Commodity Credit Corporation.
[5] No new loans made after Oct. 31, 1946.
[6] Also includes drought relief loans and orchard rehabilitation loans.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
PUBLIC LANDS							
VACANT LANDS AND DISPOSAL OF PUBLIC LANDS [1]							
Vacant public lands, June 30	F 8	203	Mil. acres	170	171	170	1904
Cash receipts of Bureau of Land Management.*	F 9	195	1,000 dols	21,012	33,286	37,149	1881
All entries, selections, etc.:							
All original entries and selections.	F 11	195	1,000 acres	76	117	134	1869
All final entries	F 12	195	do	53	56	116	1920
Patents and certifications	F 13	195	do	403	287	390	1920
Homestead entries, except on ceded Indian lands:							
Original entries:							
Number	F 14	195	Number	474	635	681	1863
Acreage*	F 15	195	1,000 acres	55	78	82	1880
Final entries [2]	F 16	195	do	26	18	37	1868
NATIONAL PARK SYSTEM [3]							
Area administered by National Park Service. [4]	F 17	------	do	15,744	15,878	15,897	1916
Visitors per travel year [5]	F 18	------	1,000 visitors	24,857	29,233	31,480	1916
LAND UTILIZATION							
Total area managed [6]	F 62	------	Acres	7,121,139	7,111,683	(7)	1935
Use of land managed:							
Grazing	F 63	------	do	6,436,135	6,454,355	(7)	1942
Annual crops	F 64	------	do	22,147	25,850	(7)	1942
Area transferred to State agencies with SCS maintaining custodial responsibility.	F 68	------	do	359,796	362,749	(7)	1939
NATIONAL FORESTS							
AREAS AND PURCHASES [8]							
National forest areas:							
Gross area	F 69	797	1,000 acres	228,810	228,936	229,175	1905
Part of gross area under Forest Service Administration.	F 70	797	do	180,264	180,528	180,895	1905
National forest purchases (gross area approved for purchase):							
Acres	F 71	------	Number	380,471	103,490	60,719	1912
Average price per acre	F 72	------	Dollars	5.76	7.15	7.65	1912
Total price	F 73	------	1,000 dols	2,190	739	464	1912
GRAZING, ROADS AND TRAILS, AND VISITORS							
Number of livestock permitted to graze under pay permits:							
Cattle, horses, and swine	F 74	805	Thousands	1,162	1,153	1,126	1905
Sheep and goats	F 75	805	do	3,404	3,322	3,092	1905
Roads and trails:							
Roads:							
Construction	F 76	------	Miles	1,102	700	[9] 407	1924
Betterment	F 77	------	do	1,564	551	[9] 440	1937
Trails, construction	F 78	------	do	185	53	[9] 158	1924
Expenditures, total	F 79	------	1,000 dols	30,023	27,232	[9] 17,753	1924
Visits for utilization of recreation resources:							
Total users	F 80	799	1,000 visits	21,331	24,011	26,080	1924
Utilization of—							
Improved public recreation areas.	F 81	799	do	10,506	12,391	13,277	1924
Other public recreation resources.	F 82	799	do	10,825	11,620	12,803	1924
Visits by highways, roads, and water routes.	F 83	799	do	56,495	53,148	54,537	1924

[1] Includes Alaska except in series F 8.
[2] Excludes commuted homesteads.
[3] Excludes data for Alaska and Hawaii.
[4] Excludes recreational demonstration areas.
[5] Travel year is Oct. 1–Sept. 30.
[6] Exclusive of custodial areas shown in series F 68.
[7] Not available.
[8] Includes Alaska and Puerto Rico.
[9] Excludes Forest Highway Construction.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
NATIONAL FORESTS—Continued							
FOREST TREES PLANTED ON FARM LANDS							
Total trees planted	F 84	804	1,000 trees	42,347	77,324	102,903	1926
Costs:							
Total	F 85	804	1,000 dols	886	1,178	1,406	1926
Federal contribution	F 86	804	do	117	113	113	1926
State expenditure	F 87		do	769	1,065	1,293	1926
TIMBER CUT AND RECEIPTS							
Timber cut:							
Total:							
Volume	F 88	802	Mil. bd. ft.	3,962	3,875	3,854	1905
Value	F 89	802	1,000 dols	16,780	21,389	29,163	1905
Commercial sales:[1]							
Volume	F 90	802	Mil. bd. ft.	3,472	3,451	3,380	1905
Value	F 91	802	1,000 dols	14,955	19,842	26,928	1905
Land exchanges:							
Volume	F 94	802	Mil. bd. ft.	363	307	360	1927
Value	F 95	802	1,000 dols	1,445	1,212	1,820	1927
Miscellaneous forest products, value.	F 96	802	do	183	146	224	1919
Free use:							
Volume	F 97	802	Mil. bd. ft.	128	116	114	1908
Value	F 98	802	1,000 dols	197	189	190	1908
Receipts from national forests:							
Total	F 99	800	do	18,373	24,236	31,076	1905
Timber use	F 100	800	do	15,421	20,594	26,927	1905
Grazing use	F 101	800	do	2,294	2,898	3,276	1906
Other use	F 102	800	do	658	744	873	1906
PAYMENTS TO STATES AND TERRITORIES							
Total	F 103		do	4,596	6,067	7,780	1906
25 percent fund	F 104		do	4,547	6,010	7,719	1906
Arizona and New Mexico school fund.	F 105		do	49	57	61	1911
ALLOTMENTS TO FOREST SERVICE							
Total	F 106		do	1,956	2,542	3,224	1912
Roads and trails	F 107		do	1,819	2,404	3,088	1912
Acquisition of lands	F 108		do	137	138	136	1936
FOREST PRODUCTS							
LUMBER PRODUCTION							
Total	F 109		1,000 feet, bd. measure.	35,484,136	(2)	(2)	1799
Softwoods	F 110		do	28,017,322	(2)	(2)	1799
Hardwoods	F 111		do	7,466,814	(2)	(2)	1799
WOOD PRODUCTS TREATED WITH PRESERVATIVES							
Total	F 123		Cubic feet	356,587,809	292,357,303	279,804,501	1909
Crossties	F 124		do	143,827,356	123,476,232	119,922,696	1909
Switch ties	F 125		do	11,596,236	11,556,295	10,837,285	1925
Piles	F 126		do	11,194,867	10,685,333	10,797,821	1909
Poles[3]	F 127		do	142,500,389	97,558,138	97,573,221	1909
Wood blocks	F 128		do	4,029,601	5,480,974	2,265,396	1909
Cross arms	F 129		do	3,742,655	1,394,896	1,284,741	1909
Construction timbers	F 130		do	8,351,937	5,617,756	6,308,927	1909
Miscellaneous material	F 131		do	31,344,768	36,587,679	30,814,414	1909

[1] Includes cost sales which were shown separately in *Historical Statistics* as series F 92, F 93.
[2] Not available.
[3] Includes both full-length pressure-treated poles and nonpressure (butt-treated) poles.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
FOREST PRODUCTS—Continued							
PULPWOOD, WOOD PULP, PAPER AND PAPERBOARD							
Pulpwood consumption	F 132	815	Cords	19,714,229	21,189,458	19,918,766	1899
Wood-pulp production	F 133	817	Short tons	11,945,864	12,872,292	12,156,897	1899
Paper and paperboard:							
Production	F 134	817	do	21,114,000	21,921,757	20,332,252	1899
Estimated total consumption or new supply.[1]	F 135	------	do	24,866,012	26,328,092	24,751,926	1899
Consumption per capita	F 136	------	Pounds	347.1	360.4	332.9	1899
GUM AND WOOD NAVAL STORES PRODUCTION							
Turpentine (50 gal. bbls.):							
Total	F 137	820	Barrels	569,985	640,903	659,140	1898
From gum	F 138	820	do	270,286	294,028	324,330	1898
From wood	F 139	820	do	299,699	346,875	334,810	1911
Rosin (drums, 520 lbs. net):							
Total	F 140	820	Drums	1,720,248	1,990,831	2,076,110	1898
From gum	F 141	820	do	752,535	828,128	921,220	1898
From wood	F 142	820	do	967,713	1,162,703	1,154,890	1911
FOREST FIRES							
NUMBER AND AREA BURNED OVER							
Protected area:							
National forest lands:							
Fires	F 143	------	Number	6,968	5,208	7,737	1909
Area burned over	F 144	------	1,000 acres	187	130	156	1906
Other Federal lands: [2]							
Fires	F 145	795	Number	8,928	6,681	(3)	1931
Area burned over	F 146	795	1,000 acres	318	312	(3)	1931
State and private lands: [4]							
Fires	F 147	795	Number	71,442	61,095	(3)	1926
Area burned over	F 148	795	1,000 acres	2,814	1,961	(3)	1926
Unprotected area, State and private lands: [5]							
Fires	F 149	795	Number	120,429	106,413	(3)	1926
Area burned over	F 150	795	1,000 acres	20,093	14,283	(3)	1926
EXPENDITURES FOR CONTROL ON STATE AND PRIVATE LANDS [4]							
Total	F 151	796	Thous. dols	19,603	23,500	27,874	1912
Federal participation	F 152	796	do	7,890	8,604	8,570	1912
State expenditures	F 153	796	do	9,477	12,831	17,200	1912
Private agenices	F 154	796	do	2,236	2,065	2,104	1926
FISHERIES							
United States and Alaska:							
Total catch*	F 155	825	Mil. lbs	4,374	4,575	4,750	1929
Disposition:							
Fresh and frozen*	F 156	825	do	1,575	1,668	1,611	1929
Canned	F 157	825	do	1,384	1,459	1,626	1929
Cured	F 158	825	do	100	100	95	1929
Byproducts and bait	F 159	825	do	1,315	1,348	1,418	1929
United States:							
Total catch:							
Haddock*	F 160	824	1,000 lbs	166,371	160,000	(3)	1880
Menhaden received	F 162	------	1,000 fish	1,415,158	1,504,311	(3)	1892

[1] Production plus imports minus exports. Changes in inventory not taken into account.
[2] Continental U. S. only. Includes National Forests, Interior, Soil Conservation Service, TVA, Public Domain, etc.
[3] Not available.
[4] Includes Hawaii.
[5] Based on State estimates.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
FISHERIES—Con.							
Chesapeake Bay States:							
Total catch*	F 175	822	1,000 lbs	408,015	(1)	(1)	1880
Oysters	F 176		do	33,730	(1)	(1)	1880
Crabs	F 177		do	65,355	(1)	(1)	1890
Great Lakes and international lakes of northern Minnesota, total catch*	F 186	822	do	69,801	(1)	(1)	1885
Alaska:							
Total catch:							
Quantity	F 189	822	do	613,810	(1)	(1)	1927
Value	F 190	822	1,000 dols	28,691	(1)	(1)	1927
Salmon:							
Quantity	F 191		1,000 lbs	381,808	(1)	(1)	1927
Value	F 192		1,000 dols	19,571	(1)	(1)	1927
LANDINGS AT CERTAIN NEW ENGLAND PORTS							
Boston, fresh fish*	F 193	826	1,000 lbs	202,663	199,980	171,572	1893
Gloucester, fresh fish*	F 195	826	do	163,713	251,113	233,000	1893
Portland, fresh fish*	F 197		do	27,430	37,564	46,927	1916
PRODUCTION OF FROZEN FISH, UNITED STATES							
Quantity	F 199	830	do	246,625	291,988	285,822	1920
PRODUCTION OF CANNED FISHERY PRODUCTS							
Total:							
Standard cases*	F 200		Cases	22,228,439	23,734,237	(1)	1927
Value	F 201	828	Dollars	310,680,420	336,181,479	(1)	1921
Salmon:							
Standard cases	F 202		48-lb. cases	5,641,512	4,824,966	(1)	1921
Value	F 203	828	Dollars	120,659,840	120,537,196	(1)	1921
Pilchard (sardines):							
Standard cases*	F 204		45-lb. cases	1,652,592	2,654,149	(1)	1921
Value	F 205	828	Dollars	16,538,375	21,892,893	(1)	1921
Sardines (sea herring), Maine:							
Standard cases*	F 206		20.3-lb. cases	2,834,690	3,060,842	(1)	1921
Value	F 207	828	Dollars	27,677,704	26,921,926	(1)	1921
Tuna and tunalike fishes:							
Standard cases	F 208		Cases [2]	5,894,495	7,037,758	(1)	1921
Value	F 209	828	Dollars	90,609,175	112,612,296	(1)	1921
Shellfish:							
Standard cases	F 210		Cases [3]	2,526,672	2,696,926	(1)	1927
Value	F 211		Dollars	25,347,065	27,834,623	(1)	1927
PRODUCTION OF FISH SCRAP AND MEAL, AND FISH AND MARINE OILS							
Fish scrap and meal: [4]							
Tons	F 212		Short tons	185,808	199,519	(1)	1921
Value*	F 213		Dollars	22,353,488	23,086,734	(1)	1921
Fish and marine oils:							
Gallons*	F 214		U. S. Standard	16,737,892	17,083,544	(1)	1921
Value*	F 215		Dollars	31,750,662	30,983,507	(1)	1921
SPONGES, SALES AT TARPON SPRINGS SPONGE EXCHANGE							
Pounds sold	F 216		Number	158,304	74,464	(1)	1913
Value	F 217		Dollars	1,741,883	465,937	(1)	1913
PRIBILOF ISLANDS SEAL HERD							
Animals in herd [5]	F 218		Number	3,613,653	3,837,131	(1)	1910
Sealskins obtained	F 219		do	61,447	70,142	70,891	1910

[1] Not available. [2] Contains 21 lbs. of solid pack tuna or 18 lbs. of tuna flakes.
[3] Contains largely 48 ten-ounce cans of varying net weights. [4] Excludes production of acid scrap.
[5] Beginning 1925, number of animals in herd computed on basis of mortality rates established in 1918 when the herd was comparatively small. Figures for years prior to 1925 obtained by actual count in annual census.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
MINERALS							
VALUE OF MINERAL PRODUCTS							
All mineral products*	G 1	833	Mil. dols	12,484	15,670	13,900	1880
Metallic*	G 2	833	do	2,909	3,510	3,000	1880
Nonmetallic*	G 3	833	do	9,575	12,160	10,900	1880
Fuels [1]	G 4	833	do	7,941	10,266	9,000	1880
Other*	G 5	833	do	1,634	1,894	1,900	1880
INDEXES OF MINERAL PRODUCTION (FEDERAL RESERVE)							
Total	G 6	911	1935–39 avg. = 100	149	155	135	1919
Metals	G 7	911	do	118	120	107	1923
Fuels	G 8	911	do	155	161	139	1923
FUELS							
BITUMINOUS COAL AND ANTHRACITE PRODUCTION							
Bituminous:							
Production	G 13	850	1,000 short tons	630,624	599,518	430,000	1807
Value, total	G 14	850	1,000 dollars	2,622,635	2,993,267	2,206,000	1890
Average per ton	G 15	852	Dollars	4.16	4.99	5.13	1890
Anthracite (Pennsylvania):							
Production [2]	G 16	850	1,000 short tons	57,190	57,140	43,000	1807
Value, total	G 17	850	1,000 dollars	413,019	467,052	365,000	1890
Average per ton	G 18	852	Dollars	7.22	8.17	8.49	1890
BITUMINOUS COAL AND LIGNITE MINING							
Production	G 13a	850	1,000 net tons	630,624	599,518	430,000	1890
Men employed	G 19	852	Number	[3] 419,182	[3] 441,631	(4)	1890
Number of mines	G 20	------	do	8,700	9,079	(4)	1895
Calculated capacity:							
At 308 days	G 21	852	Mil. net tons	830	851	(4)	1890
At 280 days	G 22	------	do	755	774	(4)	1890
At 261 days	G 23	------	do	703	722	(4)	1890
Average number of days worked.	G 24	852	Number	234	217	(4)	1890
Net tons per man:							
Per day	G 27	852	Net tons	6.42	6.26	(4)	1890
Per year	G 28	852	do	1,504	1,358	(4)	1890
Percent of underground production:							
Cut by machines	G 29	------	Percent	90.0	90.7	(4)	1891
Mechanically loaded	G 30	------	do	60.7	64.3	(4)	1923
Percent of total production:							
Mechanically cleaned	G 31	------	do	27.7	30.2	(4)	1906
Mined by stripping	G 32	------	do	22.1	23.3	(4)	1914
PENNSYLVANIA ANTHRACITE INDUSTRY							
Production [2]	G 16a	850	1,000 net tons	57,190	57,140	43,000	1890
Foreign trade:							
Exports	G 33	851	Net tons	8,509,995	6,675,914	(4)	1890
Imports	G 34	------	do	10,350	945	(4)	1890
Consumption calculated	G 35	------	do	48,200,000	50,200,000	(4)	1890
Employment:							
Average number of employees.	G 36	852	Number	78,600	76,215	(4)	1890
Average number of days worked.	G 37	852	do	259	265	(4)	1890
Output (average tons):							
Per man per day [5]	G 38	852	Net tons	2.78	2.81	(4)	1890
Per man per year	G 39	852	do	720	745	(4)	1890
Operations:							
Cut by machines	G 40	------	do	1,209,983	1,061,757	(4)	1911
Produced by stripping	G 41	------	do	12,603,545	13,352,874	(4)	1915
Loaded mechanically underground.	G 42	------	do	16,054,011	15,742,368	(4)	1927

[1] Coal, natural gas, natural gasoline, and allied products, and petroleum.
[2] Includes some "bootleg" coal purchased by legitimate operators and prepared at their breakers.
[3] Average number of men working daily.
[4] Not available.
[5] Calculated on legitimate tonnages only; "bootleg" purchases excluded.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
FUELS—Continued							
COKE INDUSTRY							
Production, total coke	G 43	855	Mil. net tons	73.4	74.9	64.4	1880
Byproduct:							
Quantity	G 44	855	do	66.8	68.3	(1)	1893
Percent of total	G 45	855	Percent	90.9	91.2	(1)	1893
Beehive coke	G 46	855	Mil. net tons	6.7	6.6	(1)	1880
Number of ovens:							
Byproduct:							
In existence	G 47	------	Number	14,728	15,139	(1)	1893
Under construction at end of year	G 48	------	do	572	350	(1)	1894
Beehive, in existence	G 49	------	do	13,443	14,078	(1)	1880
Coal charged	G 50	------	Mil. net tons	105.0	107.6	(1)	1880
Yield of coke from coal	G 51	------	Percent	69.9	69.6	(1)	1880
Average dollar value of coke per ton at plant	G 52	------	Dollars	10.57	12.40	(1)	1880
Total value of plant:							
Total coke and byproducts	G 53	------	Mil. dols	1,024	1,230	(1)	1880
Coke:							
Beehive	G 54	------	do	65	79	(1)	1880
Byproduct	G 55	------	do	711	849	(1)	1907
All byproducts	G 56	------	do	248	302	(1)	1907
PETROLEUM PRODUCTION							
Quantity (42-gal. bbls.)	G 57	859	1,000 bbls	1,856,987	2,020,185	1,840,307	1859
Value	G 58	859	1,000 dols	3,577,890	5,245,080	(1)	1859
NATURAL GAS AND NATURAL GASOLINE PRODUCTION							
Natural gas (produced and delivered to consumer):							
Total *	G 59	857	Mil. cu. ft	[2] 4,582,173	[2] 5,148,020	(1)	1906
Value at points of consumption:							
Total	G 60	857	1,000 dols	[3] 274,709	[3] 333,173	(1)	1906
Average per M cu. ft	G 61	------	Cents	6.0	6.5	(1)	1906
Natural gasoline and allied products:							
Total produced, excluding L. P. G.[4]	G 62	836	1,000 gals	3,659,449	3,929,429	4,187,000	1911
Value at plant, total [4]	G 63	836	1,000 dols	228,174	351,576	294,000	1911
Average per gallon [4]	G 64	------	Cents	6.2	8.9	7.0	1911
L. P. G., produced [5] *	G 62a	836	1,000 gals	1,891,818	2,180,698	2,335,000	------
Value at plant, total [5] *	G 63a	836	1,000 dols	66,820	112,042	93,000	------
Average per gallon [5]	G 64a	------	Cents	3.5	5.1	4.0	------
NONMETALS							
BUILDING MATERIALS PRODUCTION							
Hydraulic cement:							
Shipments	G 65	836	1,000 bbls	190,420	207,680	213,500	1880
Value	G 66	836	1,000 dols	361,978	453,412	469,875	1880
Gypsum:							
Crude gypsum mined	G 67	869	1,000 short tons	6,208	7,255	6,700	1880
Value, finished products sold [6]	G 68	------	1,000 dols	128,415	176,834	(1)	1880
Lime:							
Sold by producers	G 69	836	1,000 short tons	6,779	7,264	(1)	1880
Value	G 70	836	1,000 dols	63,826	75,163	(1)	1880
Sand and gravel:							
Sold or used	G 71	836	1,000 short tons	287,659	319,266	(1)	1902
Value	G 72	836	1,000 dols	216,869	252,498	(1)	1902
Slate:							
Products sold or used	G 73	836	1,000 short tons	876	799	830	1912
Value	G 74	836	1,000 dols	11,686	12,881	13,400	1880
Stone:							
Sold or used by producers (approximate)	G 75	873	1,000 short tons	207,555	225,535	(1)	1916
Value	G 76	873	1,000 dols	289,344	328,985	(1)	1880

[1] Not available. [2] Beginning 1947, includes gas stored and lost in transmission.
[3] Beginning 1947, value at wells.
[4] Identified as "Natural gasoline produced" in *Historical Statistics;* change in terminology does not affect coverage.
[5] "L. P. G." means "Liquefied petroleum gases." Manufactured at natural gasoline plants. These series not shown in *Historical Statistics;* presented here to complete picture for natural gasoline and allied products.
[6] Value of products made from domestic, imported, and byproduct crude gypsum.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
NONMETALS—Continued							
CHEMICAL AND FERTILIZER MATERIALS AND MAGNESITE PRODUCTION							
Chemical materials:							
Barite:							
Sold or used by producers	G 77	836	1,000 short tons	834	800	(1)	1880
Value	G 78	836	1,000 dols	6,171	6,693	(1)	1880
Feldspar:							
Sold or used by producers	G 79	836	1,000 long tons	460	461	(1)	1880
Value *	G 80	836	1,000 dols	2,411	2,564	(1)	1880
Salt:							
Sold or used by producers	G 81	836	1,000 short tons	16,054	16,403	15,200	1880
Value*	G 82	836	1,000 dols	52,192	54,332	45,000	1880
Sulfur:							
Quantity	G 83	------	Long tons	4,441,214	4,869,210	(1)	1880
Value	G 84	------	1,000 dols	75,501	87,646	(1)	1880
Pyrites:							
Quantity	G 85	836	Long tons	940,652	928,531	920,000	1880
Value	G 86	836	1,000 dols	4,070	3,950	3,910	1880
Fertilizer materials:							
Potash:							
Sold by producers	G 87	836	1,000 short tons	1,053	1,143	1,140	1915
Value	G 88	836	1,000 dols	34,716	35,999	35,900	1915
Phosphate rock:							
Sold or used by producers	G 89	836	1,000 tons	9,027	8,669	8,700	1880
Value	G 90	836	1,000 dols	46,639	50,502	52,000	1880
Magnesite:							
Crude, mined	G 91	836	1,000 short tons	376	(1)	(1)	1892
Value	G 92	836	1,000 dols	2,597	(1)	(1)	1891
METALS, FERROUS							
Iron ore (usable ore):							
Production	G 93	845	1,000 long tons	93,092	101,003	84,981	1875
Shipments:							
Quantity	G 94	836	do	93,315	100,822	84,500	1914
Value	G 95	836	1,000 dols	320,865	394,461	392,000	1914
Pig iron:							
Production	G 96	------	1,000 short tons	58,327	60,073	(1)	1810
Shipments:							
Quantity	G 97	836	do	58,368	60,351	52,000	1910
Value	G 98	836	1,000 dols	1,770,659	2,232,122	1,950,000	1910
Ferro-alloys:							
Production	G 99	------	Tons	1,813,783	1,892,521	(1)	1910
Shipments:							
Quantity	G 100	836	do	1,841,682	1,952,246	1,200,000	1915
Value	G 101	836	1,000 dols	220,022	273,450	187,000	1910
METALS, NONFERROUS							
Mercury:							
Production	G 102	836	Flasks	23,244	14,388	9,400	1850
Value	G 103	836	1,000 dols	1,946	1,101	750	1850
(Series G 104–111 follow G 117)							
Copper:							
Smelter production	G 112	836	Short tons	862,872	842,477	750,000	1845
Value	G 113	836	1,000 dols	360,680	365,635	295,500	1880
Lead:							
Smelter production [2]	G 114	------	Short tons	440,947	400,242	(1)	1801
Value [3]	G 115	------	1,000 dols	126,111	143,287	(1)	1880
Zinc: [4]							
Smelter production	G 116	848	Short tons	802,495	787,764	(1)	1880
Value	G 117	------	1,000 dols	171,894	209,860	(1)	1880

[1] Not available.
[2] Excludes refined lead produced from scrap and foreign base bullion.
[3] Excludes payments of Office of Metal Reserve.
[4] Primary slab zinc; excludes redistilled secondary zinc produced from domestic and foreign ores.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

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SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
METALS, FERROALLOYING							
Manganese ore: [1]							
Shipments	G 104	836	Net tons	131,627	131,100	115,000	1880
Value	G 105	836	1,000 dols	4,201	4,390	4,000	1906
Chromite:							
Shipments*	G 106	836	Long tons	846	3,231	268	1880
Value	G 107	836	1,000 dols	(2)	(2)	(2)	1880
Tungsten:							
Shipments*	G 108	836	Short tons	3,094	4,005	2,900	1900
Value*	G 109	836	1,000 dols	4,350	6,312	(3)	1900
Molybdenum:							
Shipments [4] *	G 110	836	1,000 lbs	22,190	29,669	23,000	1914
Value*	G 111	836	1,000 dols	15,178	20,418	18,800	1914
METALS, PRECIOUS							
Gold production: [5]							
Quantity	G 118	------	Fine oz	2,109,185	2,014,257	(3)	1792
Value	G 119	------	Dollars	73,821,475	70,498,995	(3)	1845
Silver production: [5]							
Quantity	G 120	------	Fine oz	35,823,563	38,096,031	(3)	1834
Value	G 121	------	Dollars	32,420,325	34,476,908	(3)	1845
Platinum group, [6] production:							
Total	G 122	------	Troy oz	18,406	19,253	(3)	1921
Domestic placer and lode	G 123	------	do	13,836	13,741	(3)	1880
Gold and copper refining	G 124	------	do	4,570	5,512	(3)	1921
METALS, LIGHT							
Primary aluminum production:							
Quantity	G 125	838	1,000 lbs	1,143,500	1,246,912	1,202,000	1885
Value	G 126	838	1,000 dols	161,626	180,755	190,000	1885
Bauxite:							
Shipments [7]	G 127	------	Long tons	1,399,406	1,607,208	(3)	1889
Value	G 128	------	Dollars	6,739,825	8,158,901	(3)	1889
Primary magnesium:							
Sales	G 129	------	1,000 lbs	10,528	16,978	(3)	1915
Value*	G 130	------	1,000 dols	(8)	3,480	(3)	1915
EMPLOYMENT AND INJURIES [9]							
ALL MINES, EXCEPT COAL MINES							
Men employed:							
Actual number*	G 131	875	Number	83,404	83,386	(3)	1911
Average days active*	G 132	------	do	277	283	(3)	1911
Killed:							
Total number*	G 133	875	do	138	119	(3)	1911
Per thousand 300-day workers.*	G 134	------	do	1.79	1.52	(3)	1911
Injured:							
Total number*	G 135	875	do	9,601	8,807	(3)	1911
Per thousand 300-day workers.*	G 136	------	do	124.57	112.16	(3)	1911
QUARRIES AND RELATED INDUSTRIES							
Men employed:							
Total number	G 137	875	do	75,245	78,200	(3)	1911
Average days of employment per man.	G 138	------	do	279	282	(3)	1911
Man hours of employment	G 139	------	do	171,978,817	180,440,000	(3)	1911
Killed:							
Total number	G 140	875	do	75	73	(3)	1911
Per million man-hours	G 141	------	do	.39	.40	(3)	1911
Injured:							
Total number	G 142	875	do	5,504	5,010	(3)	1911
Per million man-hours	G 143	------	do	32.00	27.77	(3)	1911

[1] Containing 35 percent or more Mn.
[2] Figures not available or Bureau of Mines not at liberty to publish.
[3] Not available.
[4] Includes exports.
[5] Mine production; includes Alaska, excludes Puerto Rico and Philippine Islands.
[6] Listed as "Platinum" in *Historical Statistics;* no change in coverage.
[7] Represent shipments of crude ore from mines.
[8] Bureau of Mines not at liberty to publish.
[9] Preliminary.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
EMPLOYMENT AND INJURIES—Continued							
BITUMINOUS AND ANTHRACITE[1]							
Total number killed*	G 144	875	Number	1,165	1,010	593	1911
Bituminous and anthracite:							
Per million tons mined	G 145		do	1.69	1.54	1.24	1870
Per million man-hours	G 146		do	1 25	1 16	.96	1911
Per thousand 300-day workers.	G 147		do	3.06	2.73	2.23	1890
In bituminous mines:							
Per million tons mined	G 148		do	1.57	1.45	1.15	1874
Per thousand employed	G 149		do	2 53	2.15	1.31	1874
Per thousand 300-day workers.	G 150		do	3 18	2 90	2.32	1890
In anthracite mines:							
Per million tons mined	G 151		do	3.06	2.45	2.18	1870
Per thousand employed	G 152		do	2 23	1 73	1.19	1870
Per thousand 300-day workers.	G 153		do	2.53	2.01	1.85	1881
Production:							
Quantity	G 154		1,000 tons	687,814	656,658	477,644	1911
Tons per man-hour	G 155		Tons	0.737	0.757	0.771	1911
Employment:							
Number of employees*	G 156	875	Number	469,100	485,600	460,200	1911
Active days	G 157		do	244	229	173	1911
Man-hours[2]*	G 158		Thousands	933,190	867,500	619,900	1911
POWER—ANNUAL SUPPLY							
ENERGY FROM MINERAL FUELS AND WATER POWER							
Grand total energy:							
With water power at constant fuel equivalent.	G 159		Tril. b. t. u	(3)	(3)	(3)	1871
With water power at prevailing central station equivalent.	G 160	556	do	36,169	37,145	(4)	1899
Water power:							
At constant fuel equivalent.	G 161		do	(3)	(3)	(3)	1871
At prevailing central station equivalent.[5]	G 162	556	do	1,427	1,481	(4)	1899
Mineral fuels:							
Total mineral fuels	G 163	556	do	34,742	35,664	(4)	1819
Coal:							
Total coal	G 164	556	do	18,078	17,261	(4)	1819
Bituminous	G 165	556	do	16,522	15,707	(4)	1829
Pennsylvania anthracite	G 166	556	do	1,556	1,554	(4)	1819
Petroleum and natural gas:							
Total	G 167	556	do	16,664	18,403	(4)	1869
Petroleum (total crude, including that refined):							
Domestic production	G 168		do	11,142	12,098	(4)	1859
Imports	G 169		do	596	771	(4)	1909
Natural gas (total production).	G 170	556	do	4,926	5,534	(4)	1879
POWER—ELECTRIC ENERGY							
PRODUCTION BY TYPE OF PRIME MOVER							
Total utility and industrial:							
Total*	G 171	558	Mil. kwh	307,400	336,808	344,538	1902
Hydro*	G 172	558	do	83,066	86,992	94,775	1912
Steam*	G 173	558	do	224,334	249,816	249,763	1912
Internal combustion*	G 174	558	do				

[1] All figures are preliminary. Includes some "bootleg coal purchased by legitimate operators and prepared at their breakers."
[2] Data are on portal-to-portal basis.
[3] Series discontinued. [4] Not available.
[5] Assuming average central-station practice for each year.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
POWER—ELECTRIC ENERGY—Continued							
PRODUCTION BY TYPE OF PRIME MOVER—continued							
Electric utilities:							
Total	G 175	558	Mil. kwh.	255,739	282,698	291,032	1902
Hydro	G 176	558	do	78,425	82,470	89,705	1912
Steam	G 177	558	do	174,500	196,928	201,327	1912
Internal combustion	G 178	558	do	2,813	3,300		
Industrial establishments:							
Total*	G 179	558	do	51,661	54,110	53,506	1902
Hydro*	G 180	558	do	4,641	4,522	5,070	1912
Steam*	G 181	558	do	47,021	49,588	48,436	1912
Internal combustion*	G 182	558	do				
PRODUCTION BY CLASS OF OWNERSHIP							
Total utility and industrial*	G 183	558	do	307,400	336,808	344,538	1902
Electric utilities:							
Total utilities	G 184	558	do	255,739	282,698	291,032	1902
Privately owned	G 185	558	do	208,105	228,231	233,088	1902
Publicly owned	G 186	558	do	47,634	54,467	57,944	1902
Municipal	G 187	558	do	12,415	13,123	13,390	1902
Federal	G 188	558	do	29,877	35,373	[1]	1920
Other	G 189	558	do	5,342	5,972	[1]	1920
Industrial establishments*	G 190	558	do	51,661	54,110	53,506	1902
CONSUMPTION OF FUELS BY ELECTRIC UTILITIES							
Net generation by fuel [2]	G 194	565	do	176,983	199,796	200,977	1920
Fuel consumed:							
Total coal and equivalent:							
Quantity	G 195	565	1,000 short tons	115,672	130,122	[1]	1920
Pounds per kwh	G 196	565	Pounds	1.31	1.30	1.24	1920
Coal	G 197	565	1,000 short tons	89,531	99,586	84,072	1920
Fuel oil	G 198	565	1,000 42-gal. bbls.	45,309	42,645	66,303	1920
Gas	G 199	565	Mil. cu. ft.	373,054	478,097	549,889	1920
POWER—GENERATING PLANTS							
Number of electric utility generating plants: [3]							
Total	G 200	558	Number	3,865	3,879	[1]	1902
Hydro	G 201	558	do	1,479	1,467	[1]	1920
Steam	G 202	558	do	1,045	1,045	[1]	1920
Internal combustion	G 203	558	do	1,341	1,367	[1]	1920
POWER—INSTALLED GENERATING CAPACITY							
Production per kilowatt of installed electric utility generating capacity.[4]	G 204	558	Kwh	4,888	4,998	4,644	1902
BY TYPE OF PRIME MOVER							
Total utility and industrial:							
Total*	G 205	558	1,000 kw	65,151	69,615	76,067	1902
Hydro*	G 206	558	do	15,956	16,635	17,613	1902
Steam*	G 207	558	do	47,242	50,751	56,058	1902
Internal combustion*	G 208	558	do	1,953	2,229	2,396	1902
Electric utilities:							
Total	G 209	558	do	52,322	56,560	62,667	1902
Hydro	G 210	558	do	14,971	15,652	16,595	1902
Steam	G 211	558	do	36,035	39,304	44,298	1902
Internal combustion	G 212	558	do	1,317	1,604	1,774	1902
Industrial establishments:							
Total*	G 213	558	do	12,829	13,055	13,401	1902
Hydro*	G 214	558	do	985	983	1,018	1902
Steam*	G 215	558	do	11,207	11,447	11,760	1902
Internal combustion*	G 216	558	do	636	625	622	1902

[1] Not available.
[2] Excludes generation by wood and waste fuels.
[3] Each prime mover type in combination plants counted separately.
[4] Based on capacity in service at end of year.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
POWER—INSTALLED GENERATING CAPACITY—Continued							
BY CLASS OF OWNERSHIP							
Total utility and industrial *	G 217	558	1,000 kw	65,151	69,615	76,067	1902
Electric utilities:							
Total utilities	G 218	558	do	52,322	56,560	62,667	1902
Privately owned	G 219	558	do	41,986	45,381	[1]	1902
Publicly owned	G 220	558	do	10,336	11,179	[1]	1902
Municipal	G 221	558	do	3,825	4,105	[1]	1902
Federal	G 222	558	do	5,027	5,525	[1]	1920
Other	G 223	558	do	1,483	1,549	[1]	1920
Industrial establishments *	G 224	558	do	12,829	13,055	13,401	1902
POWER—ELECTRIC UTILITIES							
SALES TO ULTIMATE CONSUMERS							
Ultimate consumers:							
Number, December 31	G 225	562	Thousands	38,432	40,722	42,851	1902
Kilowatt-hours	G 226	562	Millions	217,581	240,740	248,473	1902
Revenues	G 227	562	1,000 dols	3,852,765	4,313,313	4,614,544	1902
Residential consumers:							
Number, December 31	G 228	562	Thousands	31,622	33,549	35,375	1912
Kilowatt-hours	G 229	562	Millions	44,171	50,978	58,136	1912
Revenues	G 230	562	1,000 dols	1,366,498	1,532,663	1,716,784	1912
Commercial and industrial consumers:							
Number, December 31	G 231	562	Thousands	5,152	5,336	5,523	1912
Kilowatt-hours	G 232	562	Millions	151,902	167,281	166,964	1912
Revenues	G 233	562	1,000 dols	2,137,890	2,403,467	2,491,671	1912
CONSTRUCTION EXPENDITURES							
ESTIMATES							
Total construction	H 1	876	Mil. dols	21,765	26,810	27,929	1915
Total new construction	H 2	876	do	14,324	18,775	19,329	1915
Total new private	H 3	876	do	11,179	14,563	14,059	1915
Residential (excluding farm)	H 4	876	do	5,260	7,223	7,025	1915
Nonresidential [2]	H 5	876	do	3,131	3,578	3,178	1915
Industrial	H 6	876	do	1,702	1,397	974	1915
Warehouses, office buildings, etc. [3]	H 7	876	do	835	1,224	1,001	1920
Other	H 8	876	do	594	957	1,203	1920
Farm construction	H 9	876	do	450	500	450	1915
Railroads (including local transit)	H 10		do	374	439	429	1915
Electric light and power, gas, and oil pipelines [4]	H 11		do	1,454	2,110	2,402	1915
Telephone and telegraph	H 12	876	do	510	713	575	1915
Total new public	H 13	876	do	3,145	4,212	5,270	1915
Residential	H 14	876	do	186	85	215	1918
Nonresidential	H 15	876	do	505	1,057	1,665	1915
Industrial	H 16	876	do	25	20	5	1933
Educational	H 17	876	do	275	567	850	1920
Other	H 18	876	do	205	470	810	1920
Military and naval	H 19	876	do	204	137	120	1915
Highways, roads, and streets	H 20	876	do	1,300	1,585	1,670	1915
Sewage disposal and water supply systems	H 21	876	do	331	481	570	1915
Conservation and development	H 22	876	do	386	597	745	1915
Other public	H 23	876	do	233	270	285	1915
Maintenance and repairs	H 25	876	do	7,441	8,035	8,600	1915
Total new construction, 1939 prices	H 26		do	7,538	8,969	9,359	1915

[1] Not available.
[2] Excludes nonresidential building by privately owned public utilities.
[3] Includes loft buildings, stores, restaurants, and garages.
[4] Includes construction with Rural Electrification Administration funds.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. 1, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
CONSTRUCTION							
DWELLING UNITS [1] STARTED IN NONFARM AREAS							
New dwelling units started [2]*	H 40a	879	1,000 units	849	932	1,025	1900
By location: [2]							
Urban*	H 41a	879	do	480	525	589	1900
Rural nonfarm*	H 42a	879	do	369	407	436	1900
By type: [2]							
1-family*	H 43a	879	do	740	767	794	1920
2-family*	H 44a	879	do	34	47	37	1920
Multi-family	H 45a	879	do	75	118	194	1920
Construction cost of new units started [3]	H 46a		Mil. dols	5,643.4	7,203.1	7,703.0	1920
CONTRACTS AWARDED (DODGE)							
Value of construction	H 51	880	1,000 dols	7,759,868	9,429,618	10,359,250	1925
Residential building	H 52	880	do	3,153,773	3,608,015	4,239,386	1925
Nonresidential building	H 53	880	do	2,715,664	3,666,442	3,643,909	1925
Public works and utilities	H 54	880	do	1,890,431	2,155,161	2,475,955	1925
Floor space of buildings	H 55	880	1,000 sq. ft	831,965	850,651	869,366	1925
Residential	H 56	880	do	478,713	464,256	520,477	1925
Nonresidential	H 57	880	do	348,649	385,106	343,661	1925
COST INDEXES							
Engineering News-Record, construction	H 64	886	1913=100	413	461	477	1913
Turner building, Eastern cities*	H 65	886	do	380	422	414	1913
Boeckh, residential construction (20-city average)	H 66		1926–29=100	196	220	215	1910
I. C. C., railroad construction, total road	H 67		1910–14=100	245	271	(4)	1910
Handy public utility construction: [5]							
Gas plants [6]	H 68		1911=100	364	411	430	1911
Electric light and power plants [7]	H 69		do	301	318	327	1911
Highway construction (composite mile)*	H 70		1925–29=100	140	158	153	1922
Farm construction:							
Dwellings	H 71		1910–14=100	377	408	391	1910
Service buildings*	H 72		do	349	357	353	1910
American Appraisal Company, buildings	H 73	886	1913=100	430	490	490	1913
EMPLOYMENT							
Annual average number of persons employed by construction contractors [8]*	H 80a		Thousands	1,921	2,165	2,156	1929

[1] Comprises substitute series for series H 40–46 for period beginning 1941 as shown in *Historical Statistics*. Whereas H 40a–46a exclude public temporary structures, series H 40–46 included such structures beginning 1941. SOURCE: For 1930–1947, see Bureau of Labor Statistics, Bulletin 941, *Construction and Housing, 1946–1947*; for 1948 and later, see *Monthly Labor Review* and *Construction*, both published monthly by Bureau of Labor Statistics.

[2] Includes both private and public permanent units. Also includes prefabricated units. Excludes units in public temporary structures; also excludes conversions, dormitory accommodations, trailers, and military barracks. Estimates are based on building-permit records, which, beginning with 1945, have been adjusted for lapsed permits and for lag between permit issuance and start of construction. They are based also on reports of Federal construction contract awards and, beginning in 1946, on field surveys in nonpermit-issuing places.

[3] Private construction costs are based on building permit valuation, adjusted for understatement of costs shown in permit applications. Public construction costs are based on contract values or estimated construction costs for individual projects.

[4] Not available.

[5] Now owned and issued by Whitman, Requardt and Associates.

[6] Total construction and equipment. Average for 5 geographic divisions.

[7] Electrical plant. Average for 5 geographic divisions.

[8] Series not shown in *Historical Statistics*. Data are for the payroll period ending nearest the 15th of the month, and cover all site and off-site wage and salaried employees of private firms whose major activity is construction, but exclude self-employed construction workers, working proprietors, and force-account employees of nonconstruction firms and public agencies engaged in construction activities. Force-account employees are workers hired not through a contractor but directly by a business or government agency, and utilized as a separate work force to perform nonmaintenance construction work on the agency's own properties. Based currently upon monthly reports to the Bureau of Labor Statistics or to State agencies from a representative group of firms in each State. The base figure to which these monthly reports are applied are from unemployment compensation agencies and the Bureau of Old-Age and Survivors Insurance. SOURCE: Same as for series H 40a–46a.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
HOUSING [1]							
OCCUPIED DWELLING UNITS OR HOUSEHOLDS,[2] AND TENURE OF HOMES							
Total:							
Total occupied dwelling units or households.[3]	H 89	------	Number	39,138,000	40,720,000	42,107,000	1890
Total population:							
Number of persons [4]	H 90	------	do	143,385,000	146,018,000	148,639,000	1890
Per occupied dwelling unit or household.[3]	H 91	------	do	3.66	3.59	3.53	1890
Tenure of homes:							
Occupied units reporting tenure.	H 92	895	do	39,016,000			1890
Owner occupied	H 93	895	do	21,347,000			1890
Percent	H 94	895	Percent	54.7			1890
Tenant occupied	H 95	895	Number	17,669,000			1890
Percent	H 96	895	Percent	45.3			1890
Nonfarm: [5]							
Total occupied dwelling units or households.[3]	H 97	------	Number	32,469,000	33,880,000	35,049,000	1890
Tenure of homes:							
Occupied units reporting tenure.	H 100	------	do	32,354,000			1890
Owner occupied	H 101	------	do	17,025,000			1890
Percent	H 102	------	Percent	52.6			1890
Tenant occupied	H 103	------	Number	15,329,000			1890
Percent	H 104	------	Percent	47.4			1890
Farm: [5]							
Total occupied dwelling units or households.[3]	H 105	------	Number	6,669,000	6,841,000	7,058,000	1890
Tenure of homes:							
Occupied units reporting tenure.	H 108	------	do	6,662,000			1890
Owner occupied	H 109	------	do	4,322,000			1890
Percent	H 110	------	Percent	64.9			1890
Tenant occupied	H 111	------	Number	2,340,000			1890
Percent	H 112	------	Percent	35.1			1890
NONFARM HOUSING CREDIT							
MORTGAGE LOANS MADE ON ONE-TO-FOUR-FAMILY NONFARM HOMES							
Total*	H 113	------	Mil. dols	10,657	10,742	(6)	1925
Savings and loan associations.	H 114	459	do	3,811	3,607	3,636	1925
Life insurance companies	H 115	------	do	906	1,220	(6)	1925
Mutual savings banks*	H 116	------	do	658	800	(6)	1925
Commercial banks [7]*	H 117	------	do	2,436	2,113	(6)	1925
HOLC	H 118	------	do	2	2	(6)	1933
Individuals and others [8]*	H 119	------	do	2,844	3,000	(6)	1925

[1] Data for 1947–49 are based on sample surveys in April of each year, conducted by Bureau of the Census in connection with monthly Current Population Survey.

[2] A "household," according to present usage of the Census Bureau, comprises all persons who occupy a dwelling unit, that is a house, an apartment or other group of rooms, or a room that constitutes "separate living quarters." The number of "households," thus defined, is the same as the number of "private households" or "families" as the latter two terms were used in the 1940 census reports and in *Historical Statistics*.

[3] Housing figures for 1947, 1948, and 1949 are sample estimates subject to a sampling variation that is large in relation to the year-to-year changes presented, so that changes between successive years are not accurately reflected. The estimates are based on a national sample similar to the Current Population Survey sample described on p. 183.

[4] Estimated as of Apr. 1 (in headnote). Includes armed forces overseas.

[5] Nonfarm figures include, and farm figures exclude, the small number of urban-farm dwelling units or households.

[6] Not available.

[7] Excludes loans made by trust departments of commercial banks.

[8] Includes fiduciaries, trust departments of commercial banks, real estate and bond companies, philanthropic and educational institutions, fraternal organizations, construction companies, Federal National Mortgage Association, Reconstruction Finance Corporation Mortgage Co., and others.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
NONFARM HOUSING CREDIT—Continued							
MORTGAGE LOANS OUTSTANDING ON ONE-TO-FOUR-FAMILY NONFARM HOMES							
Total*	H 120	463	Mil. dols	28,570	33,355	[1]	1925
Savings and loan associations.	H 121	463	do	8,856	10,300	[1]	1925
Life insurance companies	H 122	463	do	3,459	4,900	[1]	1925
Mutual savings banks*	H 123	463	do	2,237	2,590	[1]	1925
Commercial banks [2]*	H 124	463	do	4,982	5,700	[1]	1925
HOLC	H 125	463	do	486	365	[1]	1933
Individuals and others [3]*	H 126	463	do	8,550	9,500	[1]	1925
FORECLOSURES							
Number*	H 127	.....	Number	10,559	11,534	[1]	1926
SAVINGS AND LOAN ASSOCIATIONS							
Number of associations	H 128	459	do	6,045	6,011	5,980	1920
Selected financial items:							
Total assets	H 129	459	Mil. dols	11,687	13,028	14,650	1920
Gross first mortgage loans	H 130	459	do	8,971	10,409	11,700	1922
First mortgage pledged shares.	H 131	459	do	115	104	100	1922
Private share capital	H 132	459	do	9,753	10,964	12,460	1920
Failures, building and loan associations:							
Number failed	H 133	460	Number	1	0	[1]	1920
Liabilities	H 134	460	1,000 dols	92	0	[1]	1930
Estimated loss	H 135	460	do	0	0	[1]	1920
MANUFACTURES—GENERAL STATISTICS							
Number of establishments*	J 1	909	Number	240,881	[1]	[1]	1849
Proprietors and firm members.*	J 2	909	do	188,948	[1]	[1]	1904
Salaried officers and employees.[4]*	J 3	909	do	[5] [6] 2,378,116	[1]	[1]	1899
Wage earners (average for year).*	J 4	909	do	11,916,188	[1]	[1]	1849
Salaries and wages, total*	J 5	909	1,000 dols	[5] 39,689,527	[1]	[1]	1899
Salaries*	J 6	909	do	[5] 9,447,184	[1]	[1]	1899
Wages*	J 7	909	do	30,242,343	[1]	[1]	1849
Value added by manufacture*	J 10	909	do	74,425,825	[1]	[1]	1849
MANUFACTURING PRODUCTION INDEXES, FEDERAL RESERVE							
Total, manufactures	J 30	911	1935–39 avg. = 100	194	198	183	1919
Durable manufactures	J 31	911	do	220	225	202	1919
Iron and steel	J 32	911	do	195	208	188	1919
Machinery	J 33	911	do	276	277	234	1923
Transportation equipment	J 34	911	do	230	235	235	1923
Nonferrous metal and products	J 35	911	do	187	193	160	1923
Lumber and products	J 36	911	do	143	145	130	1923
Stone, clay, and glass products	J 37	911	do	206	206	188	1919

[1] Not available.
[2] Excludes loans made by trust departments of commercial banks.
[3] Includes fiduciaries, trust departments of commercial banks, real estate and bond companies, philanthropic and educational institutions, fraternal organizations, construction companies, Federal National Mortgage Association, Reconstruction Finance Corporation Mortgage Co., and others.
[4] Erroneously labelled as "Salaried officers and employers" in *Historical Statistics*.
[5] Includes data for employees of manufacturing establishments engaged in distribution and construction work. The extent to which data for such employees were included in figures for earlier years is not known.
[6] Represents average for year. Figures for earlier years represent employment as of a single payroll period, usually in mid-October.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1948 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
MANUFACTURING PRODUCTION INDEXES, FED. RES.—Con.							
Nondurable manufactures	J 38	911	1935-39 avg.=100	172	177	168	1919
Textiles and products	J 39	911	do	163	170	147	1919
Leather and products	J 40	911	do	116	111	106	1919
Manufactured food products	J 41	911	do	157	159	163	1919
Alcoholic beverages	J 42	911	do	190	182	172	1934
Tobacco products	J 43	911	do	160	164	165	1919
Paper and products	J 44	911	do	158	164	156	1923
Printing and publishing	J 45	911	do	144	154	155	1923
Petroleum and coal products*	J 46	911	do	193	218	209	1923
Chemical products	J 47	911	do	251	254	241	1923
Rubber products	J 48	911	do	226	206	185	1923
PHYSICAL OUTPUT—SELECTED MANUFACTURED COMMODITIES.							
Steel ingots and castings	J 165	963	Long tons	75,798,278	79,143,277	(1)	1867
Bessemer	J 166	963	do	3,779,056	3,788,546	(1)	1867
Open hearth	J 167	963	do	68,637,315	70,839,426	(1)	1869
Crucible	J 168	963	do	3,381,906	4,515,304	(1)	1872
Electric and all other	J 169	963	do				1867
Rolled iron and steel	J 170	968	1,000 long tons	59,109	61,779	(1)	1885
Leaf tobacco consumed in manufacturing.*	J 171	930	Mil. lbs	1,355	1,400	(1)	1880
Fermented malt liquor [2] *	J 172	927	1,000 bbls	87,857	91,291	89,736	1870
Distilled spirits [3] *	J 173		1,000 tax gals	563,956	576,409	617,558	
Cigarette production [4] *	J 174	929	Millions	369,763	386,916	(1)	1880
Cottonseed oil production	J 175	742	1,000 lbs	973,083	1,275,603	1,703,762	1919
Wool consumed in manufacturing, scoured basis.[5]	J 176	788	Mil. lbs	698.3	[6] 693.1	[6] 505.0	1922
Men's leather shoes*	J 177		1,000 pairs	106,242	104,401	96,574	1899
Women's leather shoes*	J 178		do	191,633	176,545	172,168	1899
Cotton consumed in manufacturing, including linters.[7]	J 179	931	1,000 bales	11,009	10,510	9,201	1840
Active cotton spindles consuming cotton.[8] *	J 180	931	Thousands	22,519	22,675	20,134	1840
RAILROADS							
MILEAGE, AND EQUIPMENT, (OPERATING STEAM RAILWAYS)							
Number of operating railways [9]	K 28	592	Number	502	485	(1)	1890
Mileage:							
Road owned [10]	K 29	592	Miles	225,806	225,149	(1)	1890
Track operated	K 30	592	do	397,355	397,203	(1)	1890
Miles of road	K 31	591	do	238,209	237,756	(1)	1890
Other main tracks	K 32	591	do	40,954	40,845	(1)	1890
Yard track and sidings	K 33	591	do	118,192	118,602	(1)	1890
Equipment:[11]							
Locomotives:							
Number in service	K 34	592	Number	44,344	44,474	(1)	1890
Average tractive effort	K 35	592	Pounds	54,506	55,170	(1)	1903
Cars in service:							
Passenger-train cars	K 36	592	Number	39,057	39,406	(1)	1890
Freight-train cars	K 37	592	do	1,759,758	1,785,067	(1)	1890
Average capacity of freight cars	K 38	592	Tons	51.5	51.9	(1)	1903

[1] Not available.
[2] Barrels of 31 wine gallons. For years ending June 30. Includes data for Alaska and Hawaii.
[3] For year ending June 30. Includes ethyl alcohol. Includes Hawaii and alcohol in Puerto Rico.
[4] Comprises large and small cigarettes and small cigars.
[5] Excludes consumption on "cotton and other" systems.
[6] Includes raw wool consumed on wooden and worsted systems only.
[7] Running bales.
[8] Beginning 1946, data are for all cotton-system spindles active July 31, including those consuming 100 percent synthetic fibers and other fibers and blends.
[9] Includes circular and unofficial.
[10] Includes lessors, proprietary, circular and unofficial.
[11] Includes switching and terminal companies.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
RAILROADS—Continued							
PASSENGER SERVICE (OPERATING STEAM RAILWAYS)							
Passenger service:							
Passenger revenue	K 39	592	1,000 dols	965,005	965,630	[1]	1890
Passengers carried	K 49	607	1,000 persons	706,551	645,535	[1]	1890
Passenger miles	K 41	592	1,000 miles	45,972,245	41,224,319	[1]	1890
Revenue per passenger-mile	K 42	592	Cents	2.099	2.342	[1]	1890
FREIGHT SERVICE STATISTICS (OPERATING STEAM RAILWAYS)							
Class I, II, and III railways:							
Freight revenue (rail line)	K 43	592	1,000 dols	7,140,881	8,090,194	[1]	1890
Revenue originated	K 44	592	Mil. tons	1,613	1,580	[1]	1899
Tons carried 1 mile	K 45	592	do	657,878	641,104	[1]	1890
Revenue ton-miles per mile of road	K 46	592	Ton-miles	2,752,915	2,695,708	[1]	1890
Revenue per ton-mile	K 47	592	Cents	1.085	1.262	[1]	1890
Revenue ton-miles per train-mile	K 48	606	Ton-miles	1,052.43	1,080.30	[1]	1890
Revenue ton-miles per loaded car-mile	K 49	606	do	30.61	30.90	[1]	1901
Haul per ton [2]	K 50	592	Miles	407.82	405.64	[1]	1899
Revenue per ton [2]	K 51	606	Dollars	4.43	5.12	[1]	1899
REVENUE FREIGHT ORIGINATED (CLASS I RAILWAYS)							
Total, all tonnage	K 52	609	1,000 tons	1,537,546	1,506,878	[1]	1911
Carload tonnage	K 53		do	1,514,985	1,488,612	[1]	1911
Products of agriculture	K 54	609	do	158,168	145,176	[1]	1911
Animals and products	K 55	609	do	19,716	16,865	[1]	1911
Products of mines	K 56	609	do	847,807	845,640	[1]	1911
Products of forests	K 57	609	do	87,027	86,104	[1]	1911
Manufactures and misc	K 58	609	do	402,267	394,827	[1]	1911
L. C. L. tonnage [3]	K 59	609	do	22,561	18,266	[1]	1911
CAPITAL AND PROPERTY INVESTMENTS (CLASS I, II, AND III RAILWAYS AND THEIR LESSORS)							
Road and equipment:							
Investment, book value	K 60	592	1,000 dols	27,686,103	28,664,759	[1]	1890
Depreciation reserve [4]	K 61	592	do	6,037,033	6,279,892	[1]	1911
Railway capital outstanding	K 62	592	Mil. dols	20,173	20,302	[1]	1890
Common stock	K 63	600	do	7,539	7,543	[1]	1890
Preferred stock	K 64	600	do	2,003	2,016	[1]	1890
Funded debt unmatured	K 65	600	do	10,631	10,743	[1]	1890
Net capitalization	K 66	592	do	15,301	15,467	[1]	1890
Stock paying dividends	K 67	592	1,000 dols	5,184,182	6,446,317	[1]	1890
CAPITAL EXPENDITURES FOR ADDITIONS AND BETTERMENTS (CLASS I RAILWAYS)							
Total	K 68		do	864,689	1,273,484	[1]	1921
Equipment	K 69	600	do	565,901	917,449	[1]	1921
Roadway and structures	K 70	600	do	298,788	356,035	[1]	1921

[1] Not available.
[2] United States as a system.
[3] L. C. L. means less than carload lots.
[4] Includes amortization of defense projects.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
RAILROADS—Continued							
INCOME AND EXPENSES							
Operating revenue	K 71	592	1,000 dols	8,784,214	9,784,332	(1)	1890
Operating expenses	K 72	592	do	6,869,806	7,552,630	(1)	1890
Maintenance of way and structure	K 73		do	1,234,978	1,374,058	(1)	1890
Maintenance of equipment	K 74		do	1,568,124	1,713,967	(1)	1890
Operating income	K 75	592	do	965,136	1,188,666	(1)	1908
Tax accruals	K 76	592	do	949,273	1,043,036	(1)	1890
Net railway operating income	K 77	601	do	790,534	1,014,815	(1)	1890
Net income [2]	K 78	592	do	537,405	767,949	(1)	1890
Ratio of operating expenses to operating revenues	K 79	602	Percent	78.21	77.19	(1)	1890
INTEREST AND DIVIDENDS							
Dividends declared [3]	K 80	592	1,000 dols	280,397	335,313	(1)	1890
Interest accrued on funded debt [2] *	K 81	592	do	374,150	361,879	(1)	1890
EMPLOYMENT AND WAGES							
Number of employees	K 82	592	1,000 persons	1,371	1,345	(1)	1890
Compensation of railroad employees	K 83	592	1,000 dols	4,399,296	4,820,747	(1)	1895
RAILWAY ACCIDENTS AND FATALITIES							
Total:							
Killed	K 84	613	Number	4,285	3,883	(1)	1891
Injured	K 85	613	do	48,819	43,107	(1)	1891
Passengers: [3]							
Killed	K 86	613	do	79	59	(1)	1891
Injured	K 87	613	do	4,246	3,607	(1)	1891
Employees:							
Killed	K 88	613	do	791	622	(1)	1891
Injured	K 89	613	do	36,880	31,961	(1)	1891
Other persons: [4]							
Killed	K 90	613	do	1,903	1,726	(1)	1891
Injured	K 91	613	do	6,502	6,409	(1)	1891
Trespassers: [4]							
Killed	K 92	613	do	1,512	1,476	(1)	1922
Injured	K 93	613	do	1,191	1,130	(1)	1922
DOCUMENTED MERCHANT VESSELS							
COMPOSITION OF THE MERCHANT MARINE [5]							
Total, documented vessels:							
Number	K 94	637	do	32,760	33,843	35,264	1868
Gross tons	K 95	637	Gross tons	37,832,562	33,167,261	32,181,863	1789
By major class:							
Steam and motor	K 96	637	do	35,148,948	30,468,929	29,323,455	1807
Sailing	K 97	637	do	95,245	87,274	87,343	1789
Canal boats and barges	K 98	637	do	2,588,369	2,611,058	2,771,065	1868
By material of which built:							
Metal [6]	K 99		do	35,896,578	31,211,306	30,212,443	1884
Wood	K 100		do	1,935,984	1,955,955	1,969,420	1884
By type of trade in which engaged:							
Foreign trade*	K 101		do	26,534,892	22,020,769	20,653,926	1789
Coastwise and internal*	K 102		do	11,294,259	11,143,131	11,524,605	1789
Whale fisheries*	K 103		do	802	802	802	1794
Cod and mackerel fisheries [7]	K 104		do	2,609	2,559	2,530	1789
CHANGES IN THE MERCHANT MARINE [8]							
Net increase or decrease*	K 105		do	−4,665,301	−985,398	(1)	1813
Vessels built*	K 107		do	267,331	200,290	(1)	1813

[1] Not available. [2] Includes lessors. [3] Data cover passengers on trains and travelers not on trains.
[4] Casualties sustained in nontrain accidents included with "other persons." [5] As of Jan. 1.
[6] Includes iron, steel, bronze, aluminum, concrete, and composite of metal and concrete or other substances.
[7] Figures shown here, and 1937–45 (shown in *Historical Statistics*) exclude mackerel.
[8] For calendar year indicated; compiled as of Jan. 1 of following year.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
DOCUMENTED MERCHANT VESSELS—Con.							
CHANGES IN THE MERCHANT MARINE [1]—continued							
Total decrease [2]*	K 113		Gross tons	5,914,405	1,712,996	(3)	1813
Lost and abandoned*	K 114		do	256,880	245,044	(3)	1813
Sold to aliens*	K 115		do	4,929,592	1,207,403	(3)	1813
Sold to United States*	K 116		do	382,643	136,380	(3)	1823
All other*	K 118		do	345,290	124,169	(3)	1813
(Series K 119–123 follow K 126)							
COMPOSITION OF MERCHANT FLEET BY REGION [4]							
Seaboard	K 124		do	35,237,635	30,483,959	29,406,620	1816
New England coast	K 124a		do	1,833,766	1,719,370	1,678,898	1816
Mid-Atlantic and Gulf coasts	K 124b		do	20,339,674	18,396,835	18,639,141	1816
Pacific coast	K 124c		do	13,064,195	10,367,754	9,088,581	1849
Northern lakes	K 125		do	2,091,170	2,079,447	2,076,267	1816
Western rivers	K 126		do	503,757	603,855	698,976	1816
SHIPBUILDING							
MERCHANT VESSELS BUILT IN UNITED STATES AND DOCUMENTED [1]							
All vessels:							
Number of vessels*	K 119		Number	1,259	1,118	(3)	1798
Gross tons*	K 120		Gross tons	267,331	200,290	(3)	1797
Steam and motor*	K 121		do	186,109	108,206	(3)	1807
Sailing*	K 122		do	16		(3)	1797
Canal boats and barges*	K 123		do	81,206	92,084	(3)	1868
WATERBORNE COMMERCE OF THE UNITED STATES							
SUMMARY OF CARGO TONNAGE							
Foreign and domestic commerce:							
Net total	K 132	628	1,000 short tons	766,817	791,603	(3)	1924
Foreign commerce:							
Total*	K 134	628	do	188,256	162,971	(3)	1924
Through seaports:							
Imports*	K 135	628	do	57,366	68,078	(3)	1924
Exports	K 136	628	do	101,996	65,404	(3)	1924
Great Lakes ports:							
Imports*	K 137	628	do	4,796	4,219	(3)	1924
Exports*	K 138	628	do	24,098	25,270	(3)	1924
Domestic commerce:							
Approximate net total*	K 139	628	do	578,561	628,632	(3)	1924
Between ports:							
Coastwise*	K 141	628	do	153,098	172,484	(3)	1924
Great Lakes*	K 142	628	do	163,180	172,491	(3)	1924
Local traffic of seaports and Great Lakes ports.[5]*	K 143	628	do	112,668	113,959	(3)	1924
Between seaports and river ports.[6]*	K 144	628	do	149,614	169,698	(3)	1924

[1] For calendar year indicated; compiled as of Jan. 1 of following year.
[2] Represents tonnage of vessels removed from documentation.
[3] Not available.
[4] As of Jan. 1.
[5] Represents traffic local to seaports, Great Lakes ports, and communities on inland waterways.
[6] Represents traffic among ports and communities utilizing inland waterways exclusively. Internal waterborne commerce.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
CARRIAGE OF FOREIGN TRADE							
Vessels entered:							
All ports*	K 146	652	1,000 net tons	93,763	90,927	85,700	1789
American vessels*	K 147	652	do	53,602	47,726	41,251	1789
Foreign vessels*	K 148	652	do	40,169	43,199	44,451	1789
Seaports*	K 149	652	do	80,856	76,910	74,701	1840
American vessels*	K 150	652	do	49,007	43,270	37,626	1856
Foreign vessels*	K 151	652	do	31,841	33,640	37,076	1856
Vessels cleared:							
All ports*	K 152	653	do	97,107	89,449	84,286	1821
American vessels*	K 153	653	do	54,066	45,775	39,681	1821
Foreign vessels*	K 154	653	do	43,042	43,667	44,604	1821
Seaports*	K 155	653	do	84,489	75,714	73,063	1840
American vessels*	K 156	653	do	49,534	41,348	36,136	1857
Foreign vessels*	K 157	653	do	34,955	34,358	36,927	1857
TONNAGE MOVED ON NEW YORK STATE CANALS							
All canals	K 170	629	Short tons	3,790,050	4,513,817	3,949,739	1837
Erie division, freight originating.	K 171	------	do	2,514,643	3,121,411	2,685,635	1837
PUBLIC ROADS							
EXISTENT MILEAGE							
All existent rural roads [1]	K 177	------	1,000 miles	3,044	3,044	(2)	1921
State-administered highways:							
Primary	K 178	574	do	337	350	(2)	1921
Secondary [3]	K 179	574	do	212	206	(2)	1931
Urban extensions	K 180	------	do	34	35	(2)	1934
County and other local roads [4]	K 181	574	do	2,461	2,451	(2)	1921
Surfaced rural roads [5]	K 182	------	do	1,577	1,608	(2)	1921
Under State control	K 183	------	do	502	515	(2)	1921
MILEAGE BUILT BY STATE HIGHWAY DEPARTMENT [5]							
Total mileage built	K 184	575	Miles	32,870	41,968	(2)	1923
Roads under State control	K 185	------	do	29,579	35,085	(2)	1923
Earth roads	K 186	------	do	1,013	1,403	(2)	1923
High-type surface	K 187	------	do	6,224	7,753	(2)	1923
Low-type surface	K 188	------	do	22,342	25,929	(2)	1923
FEDERAL-AID HIGHWAY IMPROVEMENTS							
Miles of highway:							
Total existent [6]	K 189	------	do	232,297	231,977	233,285	1923
Completed during year [7]	K 190	------	do	15,473	21,725	19,871	1917
Cost	K 191	------	Dollars	421,517,027	762,988,996	835,218,080	1917
Federal funds	K 191a	------	do	223,541,580	397,462,212	430,864,850	1917
State funds	K 191b	------	do	197,975,447	365,526,784	404,353,230	1917
STATE HIGHWAY FINANCES							
State property taxes and other revenues used for highway purposes. [8]	K 193	------	1,000 dols	101,874	164,251	(2)	1921
Federal funds received by States for highways. [8]	K 194	578	do	288,336	364,852	(2)	1918
Allocation of net receipts from State imposts on highway users:							
Total, net funds distributed	K 195	------	do	1,764,567	1,997,085		1925
For State highway purposes.	K 196	------	do	1,110,272	1,236,848	(2)	1925
For local roads and streets	K 197	------	do	483,777	570,867	(2)	1925
For non-highway purposes	K 198	------	do	170,518	189,370	(2)	1925

[1] Includes urban extensions of State highway systems and connecting streets.
[2] Not available.
[3] Includes county roads under State control.
[4] Includes State and Federal park, forest, reservation roads, etc., not overlapping the State highway systems.
[5] Includes State highway extensions within cities and connecting streets.
[6] Total existing mileage of Federal-aid primary system. Data are for fiscal year.
[7] Includes all highway construction and reconstruction financed partially or entirely with Federal funds. Data are for calendar year.
[8] Includes amounts expended on local roads and streets.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

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SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
PUBLIC ROADS—Con.							
STATE HIGHWAY FINANCES—continued							
Disbursements for State highway purposes.	K 199	.....	1,000 dols.....	1,473,880	1,811,640	(1)	1914
State-administered highways:							
Construction.....	K 200	578	.....do.....	882,351	1,138,674	(1)	1914
Maintenance.....	K 201	578	.....do.....	367,509	458,407	(1)	1914
Administrative, highway patrol, and miscellaneous expenses.	K 202	.....	.....do.....	178,404	167,228	(1)	1914
Interest on obligations for State highways.	K 203	.....	.....do.....	45,616	47,331	(1)	1921
State highway debt outstanding.[2]*	K 204	.....	.....do.....	1,363,743	1,578,250	(1)	1890
COUNTY AND LOCAL RURAL ROADS, FUNDS CONTRIBUTED AND DISBURSED [3]							
Approximate funds contributed.*	K 205	580	Mil. dols.....	824	877	(1)	1921
County and local rural revenue sources.*	K 206	580	.....do.....	306	318	(1)	1921
Borrowings[4]*	K 207	580	.....do.....	76	74	(1)	1921
State revenues*.....	K 208	580	.....do.....	401	435	(1)	1921
Federal funds*.....	K 209	580	.....do.....	41	50	(1)	1933
Disbursements*.....	K 210	580	.....do.....	747	816	(1)	1921
Capital outlay*.....	K 211	580	.....do.....	245	287	(1)	1921
Maintenance and administration.*	K 212	580	.....do.....	414	446	(1)	1921
Debt retirement[5]*.....	K 213	580	.....do.....	68	63	(1)	1921
Interest.....	K 214	580	.....do.....	20	20	(1)	1921
CITY AND VILLAGE STREETS, FUNDS CONTRIBUTED AND DISBURSED [3]							
Approximate funds contributed.*	K 215	580	.....do.....	489	[6] 529	(1)	1921
Revenue of—							
County and local rural agencies.*	K 216	580	.....do.....	5	5	(1)	1935
Urban places*.....	K 217	580	.....do.....	314	325	(1)	1921
Borrowings[4]*.....	K 218	580	.....do.....	77	94	(1)	1924
State highway-user imposts*	K 219	580	.....do.....	93	101	(1)	1925
Disbursements*.....	K 221	580	.....do.....	[7] 447	[7] 518	(1)	1921
Capital outlay*.....	K 222	580	.....do.....	111	124	(1)	1921
Maintenance and administration.*	K 223	580	.....do.....	288	348	(1)	1921
Interest.....	K 224	580	.....do.....	48	46	(1)	1921
MOTOR VEHICLES							
PRODUCTION							
Passenger cars:							
Number.....	K 225	582	Number.....	3,558,178	3,909,270	(1)	1900
Value[8]*.....	K 226	582	1,000 dols.....	3,963,896	4,853,402	(1)	1900
Motor trucks: [9]							
Number.....	K 227	582	Number.....	1,239,744	1,376,155	(1)	1904
Value[8]*.....	K 228	582	1,000 dols	1,709,843	1,858,210	(1)	1904
REGISTRATION							
Total.....	K 229	582	Number.....	37,360,463	40,622,264	(1)	1900
Automobiles.....	K 230	582	.....do.....	30,718,852	33,261,454	(1)	1900
Busses.....	K 231	582	.....do.....	128,983	133,430	(1)	1925
Trucks.....	K 232	582	.....do.....	6,512,628	7,227,380	(1)	1904
MOTOR FUEL USAGE							
Total.....	K 233	583	1,000 gals.....	31,680,501	34,329,147	(1)	1919
Highway.....	K 234	583	.....do.....	28,215,705	30,460,641	(1)	1919
Nonhighway.....	K 235	583	.....do.....	3,464,796	3,868,506	(1)	1919

[1] Not available. [2] Includes obligations of State and quasi-State highway toll authorities.
[3] Preliminary estimates. [4] Excludes refunding issues. [5] Excludes retirement by refunding.
[6] Includes $4,000,000 Federal funds. [7] Excludes debt retirement.
[8] Excludes Federal excise tax; includes standard equipment. [9] A substantial portion consists of chassis only.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
MOTOR VEHICLES—Con.							
ESTIMATE OF TRAVEL BY MOTOR VEHICLES							
All motor vehicles:							
Total travel	K 236	581	Mil. vehicle-miles.	370,622	397,589	(1)	1921
Urban travel	K 236a	581	do	184,088	199,082	(1)	1929
Rural travel	K 236b	581	do	186,534	198,507	(1)	1929
Passenger vehicles:							
Urban travel	K 237a	581	do	158,770	170,331	(1)	1936
Rural travel	K 237b	581	do	145,763	153,411	(1)	1936
Trucks and combinations:							
Urban travel	K 238a	581	do	25,318	28,751	(1)	1936
Rural travel	K 238b	581	do	40,771	45,096	(1)	1936
AIR TRANSPORT							
PRODUCTION							
Number of aircraft produced	K 239	625	Number	17,717	9,791	(1)	1913
For U. S. military	K 240	625	do	2,100	2,489	(1)	1913
Others	K 241	625	do	15,617	7,302	3,545	1913
EXPORTS							
Aircraft exported: [2]						(1)	
Number	K 243	625	Number	3,125	2,259	(1)	1913
Value	K 244	625	1,000 dols.	74,477	66,354	(1)	1913
Value of all exports	K 245	625	do	172,190	153,629		1913
SCHEDULED DOMESTIC AIR TRANSPORTATION							
Number of operators	K 246	626	Number	28	31	37	1926
Aircraft in service	K 247	626	do	810	878	913	1928
Route mileage [3]	K 248	626	Miles	62,215	68,702	73,955	1930
Average passenger revenue per passenger-mile.	K 249	626	Cents	.0506	.0576	(1)	1926
Number persons employed	K 250	626	Number	58,998	60,416	(1)	1928
Revenue-miles flown	K 251	626	do	325,054,389	338,216,783	351,639,948	1926
Revenue passengers carried, unduplicated.	K 253	626	do	12,890,208	13,168,095	15,080,704	1942
Revenue passenger-miles flown	K 254	626	1,000 miles	6,109,508	5,981,003	6,753,916	1930
Ton-miles flown:							
Express and freight	K 255	626	Number	64,678,213	101,376,560	123,001,652	1926
Mail [4]	K 256	626	do	33,086,175	37,925,396	41,418,156	1931
AIRPORTS, AIRCRAFT, PILOTS, AND MILES FLOWN							
Airports and landing fields [5]	K 257	626	do	5,759	6,414	6,484	1927
Lighted [5]	K 258		do	1,447	1,521	1,480	1930
Total U. S. civil aircraft [6]	K 259	626	do	[7] 94,821	[7] 95,997	92,622	1927
Certificated airplane pilots [6]	K 260	626	do	[8] 433,241	491,306	[9] 510,000	1927
Airline transport	K 261		do	[8] 7,059	[10] 7,762	(1)	1932
Commercial	K 262		do	[8] 181,912	[10] 176,845	(1)	1929
Private	K 263		do	[8] 244,270	[10] 306,699	(1)	1929
Miles flown in civil flying other than scheduled air carrier. [5]	K 264	626	do	[11] 1,502,420,000	[11] 1,469,540,000	(1)	1926

[1] Not available.
[2] Exclusive of gliders and barrage balloons.
[3] Based on revised CAB procedure.
[4] Does not include regular mail carried under special contract, and foreign mail.
[5] Calendar-year data.
[6] As of Dec. 31.
[7] Includes gliders.
[8] As of Apr. 1, 1948.
[9] Estimated.
[10] As of May 1, 1949.
[11] Estimated. 1947 includes 13,305,000 miles not elsewhere classified; 1948, 18,665,000 miles.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years, for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
AIR TRANSPORT—Con.							
ACCIDENTS							
Domestic scheduled air carriers:							
Total accidents	K 265	626	Number	44	56	55	1927
Number of fatal accidents	K 266		do	8	5	8	1927
Total passenger fatalities	K 267		do	222	98	96	1927
Plane-miles flown per fatal accident.	K 268		do	40,832,052	67,889,565	44,655,471	1930
Passenger fatalities per 100-million passenger-miles flown.[1]	K 269		do	3.2	1.3	1.3	1930
Non-air-carrier flying operations:							
Total accidents	K 270		do	9,253	7,850	[2]	1927
Fatal accidents	K 271		do	882	850	[2]	1927
Fatalities	K 272		do	1,352	1,385	[2]	1927
WHOLESALE PRICE INDEXES, BLS							
All commodities	L 15	329	1926=100	152.1	165.1	155.0	1801
10 major product groups:							
Farm products	L 16	329	do	181.2	188.3	165.6	1890
Foods	L 17	329	do	168.7	179.1	161.6	1890
Hides and leathers	L 18	329	do	182.4	188.8	180.4	1890
Textile products	L 19	329	do	141.7	149.8	140.4	1890
Fuel and lighting	L 20	329	do	108.7	134.2	131.7	1890
Metals and metal prod	L 21	329	do	145.0	163.6	170.2	1890
Building materials	L 22	329	do	179.7	199.1	193.3	1890
Chemicals and allied prod	L 23	329	do	127.3	135.7	118.6	1890
Housefurnishing goods	L 24	329	do	131.1	144.5	145.2	1890
Miscellaneous	L 25	329	do	115.5	120.5	112.3	1890
CONSUMERS' PRICE INDEXES, BLS							
All items	L 41	335	1935-39=100	159.2	171.2	169.1	1913
Food	L 42	335	do	193.8	210.2	201.9	1913
Apparel	L 43	335	do	185.8	198.0	190.1	1913
Rent	L 44	335	do	111.2	117.4	120.8	1913
Fuel, electricity, and ice*	L 45	335	do	121.2	133.9	137.5	1913
Housefurnishings	L 46	335	do	184.4	195.8	189.0	1913
Miscellaneous	L 47	335	do	139.9	149.9	154.6	1913
RETAIL PRICE INDEXES, BLS							
Coal:							
Bituminous	L 50	341	Oct. 1922-Sept. 1925=100.	131.0	153.4	157.9	1913
Anthracite, chestnut	L 51	341	do	123.7	138.3	145.7	1913
BALANCE OF PAYMENTS							
INTERNATIONAL INVESTMENT POSITION OF THE UNITED STATES							
Net position; creditor (+), debtor (−).*	M 1	989	Bil. dols	+12.6	+14.6	[2]	1843
Long term*	M 2	989	do	+19.3	+21.9	[2]	1869
Short term*	M 3	989	do	−6.7	−7.3	[2]	1869
U. S. investments abroad[3]*	M 4	989	do	29.1	31.5	[2]	1869
Long term	M 5	989	do	27.1	29.7	[2]	1869
Direct[4]*	M 6	989	do	10.0	11.3	[2]	1897
Portfolio[5]*	M 7	989	do	17.1	18.3	[2]	1897
Short term	M 8	989	do	1.9	1.8	[2]	1919
Foreign investment in U.S.[4]*	M 9	989	do	16.5	16.9	[2]	1843
Long term*	M 10	989	do	7.8	7.7	[2]	1869
Direct*	M 11	989	do	2.7	2.9	[2]	1914
Portfolio*	M 12	989	do	5.1	4.9	[2]	1914
Short term*	M 13	989	do	8.7	9.1	[2]	1869

[1] Rate computed on basis of total passenger fatalities and passenger-miles flown (revenue and nonrevenue).
[2] Not available.
[3] Although the entire U. S. investment in international institutions, including the subscription of $687,500,000 in gold to the International Monetary Fund, is included in U. S. investments abroad, the gold held by international institutions or others in the United States is not included as a foreign investment in the United States.
[4] No allowance has been made for write-offs and war damage to American properties in foreign countries.
[5] Includes U. S. Government long-term investments (in billions of dollars), as follows: 1947, $11.8; and 1948, $12.9.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
BALANCE OF PAYMENTS—Continued							
INTERNATIONAL TRANSACTIONS OF THE UNITED STATES							
Receipts	M 14	988	Mil. dols	21,434	18,373	17,442	1850
Goods and services	M 15	988	do	19,741	16,791	15,914	1850
Goods	M 16	988	do	16,056	13,445	12,401	1850
Income on investments	M 17	988	do	1,074	1,263	1,328	1896
Other services	M 18	988	do	2,611	2,083	2,185	1850
Unilateral transfers	M 19	988	do	605	451	443	1850
Long-term capital	M 20	988	do	1,088	1,131	1,085	1850
U. S., invested abroad	M 21	988	do	1,030	1,022	787	1919
Foreign, invested in U. S.	M 22	988	do	58	109	298	1850
Payments	M 23	988	do	20,277	18,689	17,995	1850
Goods and services	M 24	988	do	8,463	10,481	9,831	1850
Goods	M 25	988	do	6,071	7,697	7,134	1850
Income on investments	M 26	988	do	227	291	296	1850
Other services	M 27	988	do	2,165	2,493	2,401	1850
Unilateral transfers	M 28	988	do	2,985	4,860	6,066	1874
Long-term capital	M 29	988	do	8,829	3,348	2,098	1896
U. S., invested abroad	M 30	988	do	8,665	3,073	1,925	1896
Foreign, invested in U. S.	M 31	988	do	164	275	173	1914
Excess of receipts (+) or payments (−)	M 32	988	do	+1,157	−316	−553	1850
Net goods and services and unilateral transfers	M 33	988	do	+8,898	+1,901	+460	1850
Goods and services	M 34	988	do	+11,278	+6,310	+6,083	1850
Unilateral transfers	M 35	988	do	−2,380	−4,409	−5,623	1850
Long-term capital	M 36	988	do	−7,741	−2,217	−1,013	1850
Net inflow (+) or outflow (−) of funds on gold and short-term capital account	M 37	988	do	−2,161	−926	−190	1850
Gold stock net increase (+) or decrease (−)	M 38	988	do	−2,163	−1,530	−164	1850
Net movement of—							
U. S. short-term capital abroad	M 39	988	do	−299	+129	+8	1914
Foreign short-term capital in U. S.	M 40	988	do	+301	+475	−34	1923
Errors and omissions	M 41	988	do	+1,004	+1,242	+743	1850
FOREIGN TRADE							
VALUE OF EXPORTS [1] AND IMPORTS							
Total, merchandise, gold, and silver:							
Exports*	M 42	1000	1,000 dols	14,673,636	12,966,229	12,108,419	1821
Imports*	M 43	1000	do	7,904,062	9,175,937	7,471,147	1821
Excess of exports (+)*	M 44	1000	do	+6,769,574	+3,790,293	+4,637,272	1821
Gold:							
Exports	M 45	1000	do	213,241	300,771	84,936	1825
Imports	M 46	1000	do	2,079,588	1,981,175	771,390	1825
Excess of imports (−)	M 47	1000	do	−1,866,348	−1,680,404	−686,455	1825
Silver:							
Exports	M 48	1000	do	30,649	12,400	23,281	1821
Imports	M 49	1000	do	68,140	70,885	73,536	1821
Excess of imports (−)	M 50	1000	do	−37,492	−58,484	−50,255	1821
Merchandise:							
Exports and reexports*	M 51	1000	do	14,429,747	12,653,058	12,000,202	1790
Exports of U. S. merchandise.*	M 52	1000	do	14,252,285	12,532,093	11,885,196	1791
Reexports*	M 53	1000	do	177,462	120,965	115,006	1791
General imports*	M 54	1000	do	5,756,333	7,123,877	6,026,221	1790
Excess of exports (+)*	M 55	1000	do	+8,673,413	+5,529,181	+5,373,981	1790
VALUE OF MERCHANDISE EXPORTS [1] AND IMPORTS, BY ECONOMIC CLASSES							
Exports of U. S. merchandise [1]*	M 56	1009	do	14,252,285	12,532,093	11,885,196	1821
Crude materials*	M 57	1009	do	1,578,541	1,488,449	1,780,303	1821
Crude foodstuffs*	M 58	1009	do	848,887	1,265,820	1,340,527	1821
Manufactured foodstuffs [2]*	M 59	1009	do	1,483,157	1,313,704	885,771	1821
Semimanufactures*	M 60	1009	do	1,734,329	1,370,393	1,354,073	1821
Finished manufactures*	M 61	1009	do	8,607,371	7,093,726	6,524,521	1821

[1] Effective January 1948, includes shipments under Army Civilian Supply Program. [2] Includes beverages.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
FOREIGN TRADE—Con.							
VALUE OF MERCHANDISE EXPORTS [1] AND IMPORTS, BY ECONOMIC CLASSES—con.							
Imports*	M 62	1009	1,000 dols	5,666,322	7,092,032	6,598,058	1821
Crude materials*	M 63	1009	do	1,766,160	2,147,007	1,855,145	1821
Crude foodstuffs*	M 64	1009	do	1,016,775	1,271,610	1,333,201	1821
Manufactured foodstuffs [2]*	M 65	1009	do	655,698	731,173	741,033	1821
Semimanufactures*	M 66	1009	do	1,244,908	1,633,140	1,421,974	1821
Finished manufactures*	M 67	1009	do	982,781	1,309,101	1,246,105	1821
VALUE OF MERCHANDISE IMPORTS							
Value, total*	M 68	1023	do	5,666,322	7,092,032	6,598,058	1821
Free*	M 69	1023	do	3,454,647	4,174,523	3,886,254	1821
Dutiable*	M 70	1023	do	2,211,674	2,917,509	2,711,805	1821
VALUE OF MERCHANDISE IMPORTS, FREE AND DUTIABLE, BY ECONOMIC CLASSES							
Total:							
Free*	M 75	1025	do	3,454,647	4,174,523	3,886,254	1821
Dutiable*	M 76	1025	do	2,211,674	2,917,509	2,711,805	1821
Crude materials:							
Free*	M 77	1025	do	1,181,334	1,358,492	1,127,864	1821
Dutiable*	M 78	1025	do	584,826	788,515	727,282	1821
Crude foodstuffs and food animals:							
Free*	M 79	1025	do	878,625	1,039,523	1,097,370	1840
Dutiable*	M 80	1025	do	138,150	232,088	235,831	1821
Manufactured foodstuffs: [2]							
Free*	M 81	1025	do	39,127	80,934	98,328	1840
Dutiable*	M 82	1025	do	616,571	650,239	643,305	1821
Semimanufactures:							
Free*	M 83	1025	do	825,133	993,285	869,793	1821
Dutiable*	M 84	1025	do	419,775	639,856	552,182	1821
Finished manufactures:							
Free*	M 85	1025	do	530,428	702,289	692,899	1821
Dutiable*	M 86	1025	do	452,353	606,811	553,206	1821
VALUE OF MERCHANDISE EXPORTS [1] AND IMPORTS, BY DESTINATION AND ORIGIN							
Exports (including reexports)*	M 87	1017	do	14,429,747	12,653,058	12,000,202	1821
To North America:							
Northern [3]*	M 88	1017	do	2,114,505	1,944,706	1,958,248	1821
Southern*	M 89	1017	do	1,714,979	1,450,572	1,340,065	1821
To South America*	M 90	1017	do	2,353,642	1,911,582	1,558,955	1821
To Europe [3]*	M 91	1017	do	5,187,322	4,279,188	4,114,532	1821
To Asia*	M 92	1017	do	1,917,504	2,129,566	2,218,215	1821
To Oceania*	M 93	1017	do	320,324	152,772	194,519	1821
To Africa*	M 94	1017	do	821,471	784,672	615,670	1821
General imports*	M 95	1017	do	5,756,333	7,123,877	6,626,221	1821
From North America:							
Northern [3]*	M 96	1017	do	1,128,124	1,593,546	1,552,228	1821
Southern*	M 97	1017	do	1,015,661	946,114	942,124	1821
From South America*	M 98	1017	do	1,254,222	1,559,644	1,502,249	1821
From Europe [3]*	M 99	1017	do	820,036	1,121,123	925,358	1821
From Asia*	M 100	1017	do	1,055,195	1,346,073	1,240,183	1821
From Oceania*	M 101	1017	do	155,761	163,673	125,333	1821
From Africa*	M 102	1017	do	327,335	393,703	337,747	1821
VALUE OF MERCHANDISE EXPORTS [1] AND IMPORTS, BY GROUPS OF CUSTOMS DISTS.							
Atlantic Coast:							
Exports*	M 103	------	do	(4)	(4)	(4)	1860
Imports*	M 104	------	do				1860
Gulf Coast:							
Exports*	M 105	------	do				1860
Imports*	M 106	------	do				1860

[1] Effective January 1948, includes shipments under Army Civilian Supply Program.
[2] Includes beverages.
[3] Series M 88 and M 96 exclude, and series M 91 and M 99 include, Iceland as in years prior to 1942.
[4] Foreign trade data no longer reported by customs areas.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
FOREIGN TRADE—Con.							
VALUE OF MERCHANDISE EXPORTS [1] AND IMPORTS, BY GROUPS OF CUSTOMS DISTRICTS—continued							
Mexican border:							
Exports*	M 107	------	1,000 dols	[2]	[2]	[2]	1860
Imports*	M 108	------	do				1860
Pacific Coast:							
Exports*	M 109	------	do				1860
Imports*	M 110	------	do				1860
Northern border: [3]							
Exports*	M 111	------	do				1860
Imports*	M 112	------	do				1860
ASSETS AND LIABILITIES							
ALL BANKS [4]							
Number of banks	N 19	------	Number	14,755	14,759	14,697	1834
Total assets or liabilities (or total resources)	N 20	------	1,000 dols	167,248,399	170,981,488	171,670,655	1834
Selected assets:							
Loans and discounts including overdrafts.	N 21	------	do	38,578,709	45,379,380	47,366,715	1834
U. S Government and other securities.	N 22	------	do	93,200,729	88,412,224	87,173,088	1834
Cash and balances with other banks [5]	N 23	------	do	33,716,747	35,164,357	35,120,645	1834
Selected liabilities:							
Capital, surplus, and net undivided profits.[6]	N 24	------	do	11,770,232	12,315,895	12,921,703	1834
Total deposits [5]	N 26	------	do	154,191,122	157,176,754	157,239,224	1834
NATIONAL BANKS [4]							
Number of banks	N 27	------	Number	5,018	5,004	4,993	1863
Total assets or liabilities (or total resources).	N 28	------	1,000 dols	83,413,260	85,341,112	85,099,450	1863
Selected assets:							
Loans and discounts including overdrafts.	N 29	------	do	18,810,006	22,303,042	22,578,120	1863
U. S. Government and other securities.	N 30	------	do	44,378,657	41,541,225	41,129,793	1863
Cash and balances with other banks.[5 7]	N 31	------	do	19,395,548	20,465,498	20,376,181	1863
Selected liabilities:							
Capital, surplus, and net undivided profits.[6]	N 32	------	do	5,308,680	5,545,768	5,827,903	1863
Total deposits [5]	N 34	------	do	77,397,149	78,999,988	78,451,468	1863
NONNATIONAL BANKS [4]							
Number of banks*	N 35	------	Number	9,737	9,755	9,704	1860
Total assets or liabilities (or total resources).	N 36	------	1,000 dols	83,835,139	85,640,376	86,571,205	1860
Selected assets:							
Loans and discounts including overdrafts.	N 37	------	do	19,768,703	23,076,338	24,788,595	1860
U. S. Government and other securities.	N 38	------	do	48,822,072	46,870,999	46,043,295	1860
Cash and balances with other banks.[5]	N 39	------	do	14,321,199	14,698,859	14,744,464	1860
Selected liabilities:							
Capital, surplus, and net undivided profits.[6]	N 40	------	do	6,461,552	6,770,127	7,093,800	1860
Total deposits [5]	N 42	------	do	76,793,973	78,176,766	78,787,756	1860

[1] Effective January 1948, includes shipments under Army Civilian Supply Program.
[2] Foreign trade data no longer reported by customs areas.
[3] Includes Omaha beginning Apr. 1, 1945. Formerly Omaha was included in "Interior," not presented here.
[4] Data as of June 30.
[5] Excludes reciprocal interbank demand balances.
[6] Includes capital reserve.
[7] Includes lawful reserve.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
ASSETS AND LIABILITIES—Continued							
SAVINGS BANKS [1]							
Number of banks*	N 43	432	Number	533	532	[2]	1875
Total assets or liabilities	N 44	432	1,000 dols	19,713,945	20,473,541	[2]	1875
STATE COMMERCIAL BANKS [1]							
Number of banks*	N 45	432	Number	9,092	9,090	[2]	1875
Total assets or liabilities	N 46	432	1,000 dols	67,396,301	67,025,304	[2]	1875
PRIVATE BANKS [1]							
Number of banks*	N 47	432	Number	119	116	[2]	1890
Total assets or liabilities	N 48	432	1,000 dols	466,856	441,533	[2]	1890
ALL MEMBER BANKS OF FEDERAL RESERVE SYSTEM [3]							
Number of banks	N 49	------	Number	6,928	6,925	6,903	1915
Total assets or liabilities [4]	N 50	------	Mil. dols	124,797	127,297	127,259	1915
Selected assets:							
Loans	N 51	------	do	28,655	33,871	34,456	1915
Investments	N 52	------	do	66,146	61,578	60,859	1915
Cash and balances with other banks.*	N 53	------	do	28,694	30,303	30,423	1915
Selected liabilities:							
Capital accounts	N 54	------	do	8,315	8,624	9,022	1915
Deposits [4]	N 55	------	do	115,435	117,452	116,980	1915
NONMEMBER COMMERCIAL BANKS [3]							
Number of banks	N 56	------	Number	7,258	7,265	7,250	1915
Loans	N 57	------	Mil. dols	5,027	5,997	6,573	1915
Investments	N 58	------	do	12,943	12,425	11,901	1915
Deposits	N 59	------	do	20,488	20,706	20,556	1915
EARNINGS AND EXPENSES							
NATIONAL BANKS [5]							
Number of banks	N 60	444	Number	5,011	4,997	[2]	1869
Gross earnings	N 61	444	1,000 dols	1,724,834	1,900,471	[2]	1888
Expenses	N 62	444	do	1,263,497	1,360,750	[2]	1888
Net current earnings	N 63	444	do	461,337	539,721	[2]	1888
Net losses including depreciation (−) or net recoveries (+).	N 64	444	do	−8,354	−115,964	[2]	1888
Net profits	N 65	444	do	452,983	423,757	[2]	1869
Cash dividend declared*	N 66	444	do	183,519	193,907	[2]	1869
Ratio of net profits to total capital accounts.*	N 67	444	Percent	8.6	7.6	[2]	1869
MEMBER BANKS OF FEDERAL RESERVE SYSTEM [5]							
Number of banks	N 68	436	Number	6,923	6,918	6,892	1919
Earnings	N 69	436	1,000 dols	2,578,629	2,828,342	2,981,000	1919
Expenses [6]	N 70	------	do	1,906,498	2,028,781	2,162,000	1919
Net current earnings [6]	N 71	------	do	672,131	799,561	820,000	1919
Net losses (−) or net recoveries (+).	N 72	------	do	−19,140	[7] −178,652	−133,000	1919
Net profits	N 73	436	do	652,991	620,909	687,000	1919
Cash dividend declared [8]	N 74	436	do	280,942	293,818	313,000	1919
Ratio of net profits to total capital accounts.	N 75	436	Percent	7.9	7.2	7.6	1919

[1] Data as of Dec. 31.
[2] Not available.
[3] Data as of June 30.
[4] Excludes reciprocal bank balances.
[5] Calendar-year data.
[6] Income taxes have been treated as an expense.
[7] Not comparable with prior years because of transfers to reserves for bad debt losses on loans as authorized by the Bureau of Internal Revenue in December 1947.
[8] Includes interest on capital notes and debentures.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
BANK DEBITS AND DEPOSIT TURNOVER							
BANK DEBITS TO DEPOSIT ACCOUNTS [1]							
All reporting centers*	N 76	427	Mil. dols	1,125,074	1,249,630	1,230,982	1919
New York City	N 77	427	do	405,929	449,002	452,897	1919
140 other centers	N 78	427	do	599,639	667,934	648,905	1919
Other reporting centers [2]	N 79	427	do	119,506	132,695	129,179	1919
ALL COMMERCIAL BANKS [3]							
Total demand and time deposits:							
Debits	N 80		do	1,547,000	1,721,000	1,694,000	1919
Deposits	N 81		do	120,820	122,760	123,030	1919
Annual turnover rate	N 82		Rate	12.8	14 0	13.8	1919
Demand deposits:							
Debits	N 83		Mil. dols	1,512,000	1,685,000	1,658,000	1919
Deposits	N 84		do	86,190	87,140	87,020	1919
Annual turnover rate	N 85		Rate	17.5	19 3	19.1	1919
BANK CLEARINGS							
New York City	N 87	428	Mil. dols	361,238	371,554	358,842	1854
36 cities outside N. Y. C	N 88		do	338,537	374,727	356,105	1920
BRANCH BANKING [4]							
Number of commercial banks operating branches.	N 90		Number	1,119	1,166	1,226	1900
National	N 91		do	279	298	328	1900
State [5]	N 92		do	840	868	898	1900
Number of branches [6]*	N 93		do	4,161	4,349	4,579	1900
National	N 94		do	1,870	1,965	2,085	1900
State [5] *	N 95		do	2,291	2,384	2,494	1900
POSTAL SAVINGS SYSTEM							
Offices in operation	N 109	451	do	7,225	7,234	7,213	1911
Number of depositors	N 110	451	do	4,196,517	4,111,373	3,964,509	1911
Deposits	N 111	451	1,000 dols	2,163,619	2,055,651	1,947,238	1911
Withdrawals	N 112	451	do	1,890,502	2,069,295	2,048,965	1911
Balance to credit of depositors.[7]	N 113	451	do	3,392,773	3,379,130	3,277,402	1911
FEDERAL RESERVE BANKS							
PRINCIPAL ASSETS AND LIABILITIES [8]							
Reserves, total*	N 114	438	do	21,497,297	22,966,080	23,176,223	1914
Reserve bank credit outstanding:							
Total loans and securities [9]	N 115	438	do	22,646,146	23,556,383	18,964,512	1914
Discounts and advances*	N 116	438	do	85,425	222,805	77,845	1914
U. S. Government securities	N 117	438	do	22,559,334	23,332,746	18,884,597	1914
Total assets or liabilities and capital accounts.	N 119	438	do	47,711,654	50,042,871	45,643,097	1914
Deposits	N 120	439	do	19,730,684	22,791,044	18,906,232	1914
Member bank reserve account.	N 121	439	do	17,899,371	20,479,200	16,568,088	1914
Federal Reserve notes	N 122	439	do	24,820,434	24,161,103	23,482,646	1914
Capital accounts	N 123		do	695,967	760,736	832,125	1914
EARNINGS AND EXPENSES [10]							
Current earnings	N 124		Dollars	158,655,566	304,160,818	316,536,930	1915
Current expenses	N 125		do	65,392,975	72,710,188	77,477,676	1915
Net earnings [11]	N 126		do	95,235,592	197,132,683	226,936,980	1915
Disposition of net earnings:							
Dividends paid	N 127		do	11,523,047	11,919,809	12,329,373	1915
Paid to U. S. Treasury	N 129		do	75,259,423	166,690,356	193,145,837	1915
Transferred to surplus	N 130		do	8,453,122	18,522,518	21,461,770	1917

[1] Except interbank accounts, reporting member and nonmember banks.
[2] Comprises 193 reporting centers through November 1947, thereafter 192.
[3] Excludes interbank deposits and collection items.
[4] As of Dec. 31.
[5] Mutual savings banks and their branches excluded.
[6] Includes "banking facilities" provided through arrangements made by Treasury Department with banks designated as depositaries and financial agents of the Government.
[7] Includes accounts shown on balance sheet as unclaimed.
[8] Data as of Dec. 31.
[9] Includes industrial loans not shown separately.
[10] Calendar-year data.
[11] Current earnings less current expenses, plus other additions and less other deductions.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
FED. RES. BANKS—Con.							
MEMBER BANK RESERVE REQUIREMENTS							
Net demand deposits: [1]							
Central reserve city banks	N 131	442	Percent of deposits.	([2])	([2])	([2])	1917
Reserve city banks	N 132	442	do	([2])	([2])	([2])	1917
Country banks	N 133	442	do	([2])	([2])	([2])	1917
Time deposits (all member banks)	N 134	442	do	([2])	([2])	([2])	1917
BANK SUSPENSIONS							
Number, total	N 135	453	Number	1	0	4	1864
Nonmember*	N 140	453	do	1		4	1921
Deposits, total*	N 141	453	1,000 dollars	167	0	2,443	1921
Nonmember*	N 146	453	do	167		2,443	1921
CURRENCY AND GOLD							
MONEY STOCK AND MONEY IN CIRCULATION [3]							
Total money in U. S.	N 148	425	do	50,599,352	52,601,129	53,103,980	1800
Money held in Treasury	N 149	425	do	23,633,353	25,890,134	26,861,355	1800
Money outside Treasury:							
In Federal Reserve Banks	N 150	425	do	3,763,994	3,928,896	3,874,816	1915
In circulation	N 151	425	do	28,297,227	27,902,859	27,492,910	1800
MONEY IN CIRCULATION BY KIND [3]							
Gold certificates	N 153	426	do	47,794	45,158	42,665	1866
Silver dollars	N 154	426	do	148,452	156,340	163,894	1878
Silver certificates	N 155	426	do	2,060,728	2,060,869	2,060,852	1878
Treasury notes of 1890	N 156	426	do	1,147	1,146	1,145	1891
Subsidiary silver	N 158	426	do	875,971	918,691	939,568	1860
Minor coin	N 159	426	do	331,039	346,112	355,316	1900
Federal reserve notes	N 160	426	do	23,999,004	23,600,323	23,209,437	1915
Federal reserve bank notes	N 162	426	do	406,260	353,499	308,821	1916
U. S. notes	N 164	426	do	320,403	321,485	318,688	1862
National bank notes	N 165	426	do	106,429	99,235	92,524	1864
CHANGES IN GOLD STOCK OF THE UNITED STATES							
Gold stock (end of period)	N 166	429	Mil. dols	22,754	24,244	24,427	1914
Increase in gold stock	N 167		do	[4] 2,224.9	1,490.0	183.2	1914
Domestic gold production	N 168	429	do	75.8	70.9	69.9	1914
Net gold import (+)	N 169	429	do	+1,866.3	+1,680.4	+686.4	1914
Earmarked gold; decrease (+) or increase (−)	N 170	429	do	+210.0	−159.2	−495.7	1916
Gold under earmark (end of period)	N 171	429	do	3,618.4	3,777.7	4,273.3	1916
ADJUSTED DEPOSITS OF BANKS AND CURRENCY OUTSIDE BANKS [3]							
Total deposits adjusted and currency outside banks	N 172	424	do	165,507	167,875	167,930	1892
Demand deposits adjusted and currency outside banks	N 173	424	do	108,485	108,335	107,143	1892
Total deposits adjusted	N 174	424	do	139,208	142,237	142,664	1892
Demand deposits adjusted [5]	N 175	424	do	82,186	82,697	81,877	1892
U. S. Government deposits [6]	N 176	424	do	1,367	2,180	2,304	1892
Time deposits [7]	N 177	424	do	55,655	57,360	58,483	1892
Currency outside banks	N 178	424	do	26,299	25,638	25,266	1892

[1] Demand deposits subject to reserve requirements, i. e., total demand deposits minus (a) cash items in process of collection, (b) demand balances due from domestic banks, and (c) war loan and Series E bond accounts during the period Apr. 13, 1943, to June 30, 1947, and all U. S. Government demand accounts Apr. 24, 1917, to Aug. 23, 1935. (This wording of footnote supersedes that shown in *Historical Statistics*.)

[2] See table 442, p. 396.

[3] Data as of June 30.

[4] Includes transfer of 687.5 million dollars gold subscription to International Monetary Fund.

[5] Includes demand deposits, other than interbank and U. S. Government, less cash items in process of collection.

[6] Beginning with December 1938, includes U. S. Treasurer's time deposits, open account.

[7] Includes amounts held by commercial banks, mutual savings banks, and the Postal Savings System. Excludes interbank time deposits, U. S. Treasurer's time deposits, open account and deposits at banks in possessions Prior to June 30, 1947, figures for mutual savings banks include a relatively small amount of demand deposits.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
CURRENCY AND GOLD—Continued							
COINAGE							
Total	N 179	430	Dollars	48,043,575	49,848,039	28,346,081	1793
Silver	N 181	430	do	35,323,425	36,859,514	18,650,806	1794
Minor coin	N 182	430	do	12,720,150	12,988,525	9,695,275	1793
SILVER PRICES							
Bullion value, silver dollar [1]*	N 183	431	do	0.55548	0.57514	(2)	1837
Average commercial ratio of silver to gold.*	N 184	431	Ratio	48.73	47.07	(2)	1789
SHORT-TERM INTEREST RATES							
OPEN-MARKET RATES, N. Y. C.							
Stock exchange time loans, 90 days.[3]	N 185	478	Percent per annum.	1.50	1.55	1.63	1890
Prime commercial paper, 4 to 6 months.[3]	N 186	478	do	1.03	1.44	1.48	1890
Stock exchange renewal call loans.[4]	N 187	478	do	1.38	1.55	1.63	1890
COMMERCIAL LOAN RATES (OLD SERIES) [5]							
Total, 19 cities	N 188		do	2.28	2.62	(2)	1928
New York City	N 189		do	1.81	2.18	(2)	1928
7 Northern and Eastern cities.	N 190		do	2.33	2.70	(2)	1928
11 Southern and Western cities.	N 191		do	2.76	3.02	(2)	1928
COMMERCIAL LOAN RATES (NEW SERIES) [5]							
Total, 19 cities*	N 188a	479	do	2.1	2.5	2.7	1939
New York City*	N 189a	479	do	1.8	2.2	2.4	1939
7 Northern and Eastern cities.*	N 190a	479	do	2.2	2.6	2.7	1939
11 Southern and Western cities.*	N 191a	479	do	2.6	2.9	3.1	1939
BOND AND STOCK YIELDS							
BASIC YIELDS OF CORPORATE BONDS							
Years to maturity:							
5 years	N 197	482	do	1.65	(2)	(2)	1900
10 years	N 198	482	do	[6] 2.08	(2)	(2)	1900
20 years	N 199	482	do	2.40	(2)	(2)	1900
40 years	N 200	482	do	2.55	(2)	(2)	1900
BY KIND							
Bonds:							
U. S. Government [7]	N 203	482	do	2.25	2.44	2.31	1919
Municipal high grade	N 204	482	do	2.01	2.40	2.21	1913
Preferred stocks [8]	N 205	482	Percent	3.79	4.15	3.97	1913
PRICES							
Bonds:							
U. S. Government	N 212	480	Per $100 bond	$103.8	$100.8	$102.7	1919
Municipal high grade [9]	N 213	480	do	132.8	125.2	128 9	1913
Corporate high grade	N 214	480	do	103.2	98.7	101 9	1937

[1] Value of silver dollar at annual average price of silver for each calendar year.
[2] Not available. [3] Averages of weekly prevailing rates. [4] Averages of daily quotations.
[5] Series N 188–191 are a continuation of series shown in *Historical Statistics* through 1945 and presented in *Federal Reserve Bulletin* through 1948. Series N 188a–191a are new series as shown in *Federal Reserve Bulletin* beginning with March 1949 issue where they are explained in detail and carried back in time to 1939.
[6] More than usually liable to error.
[7] Average yields on taxable long-term bonds. Comparable figures for earlier years are: 1946, 2.19; 1945, 2.37; 1944, 2.48; 1943, 2.47; 1942, 2.46. Figures for series N 203 in *Historical Statistics* are for long term, partly tax-exempt bonds.
[8] Based on 15 stocks through July 1948; 14 stocks for August and September 1948; and 11 stocks thereafter.
[9] Derived from an average of median yields in a list of 15 issues, assuming a 4-percent coupon with 20 years to maturity.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
CAPITAL ISSUES							
NEW CAPITAL AND REFUNDING							
Total issues	N 221	491	Mil. dols	9,752.8	10,447.3	9,555 0	1919
New capital	N 222	491	do	7,688.4	9,312.3	7,988.7	1919
Refunding	N 223	491	do	2,064.5	1,135.0	1,566.3	1919
CORPORATE ISSUES BY CLASS OF SECURITY							
Total	N 224	491	do	6,317.9	6,542.7	5,323 6	1910
Long-term bonds and notes	N 225	491	do	4,731 1	5,595 9	4,307 0	1910
Short-term bonds and notes	N 226	491	do	70.7	7.4	7.9	1910
Stocks	N 227	491	do	1,516.1	939.4	1,008.6	1910
VOLUME OF SALES ON N.Y. STOCK EXCHANGE							
Stocks	N 228	485	Mil. shares	254	295	271	1900
Bonds, par value:							
Total	N 229	485	do	1,076	997	816	1910
Corporate	N 230	485	do	970	910	723	1910
U. S. Government	N 231	485	do	3	1	(1)	1910
State, municipal, foreign	N 232	485	do	102	86	93	1910
ELECTIONS AND POLITICS							
Presidential vote, electoral and popular.[2]	P 27-31				(2)		1789
Congressional bills vetoed [3]	P 32-39	355		(3)	(3)	(3)	1789
Congressional bills, acts, and resolutions.[4]	P 40-49	354		(4)	(4)	(4)	1789
Political party affiliations in Congress and the Presidency.[5] *	P 50-56	353		(5)	(5)	(5)	1789
GOVERNMENT EMPLOYMENT							
FEDERAL GOVERNMENT EMPLOYMENT							
Paid employees in executive branch, Federal govt.:							
Total	P 62	230	Number	2,128,648	2,090,732	2,109,642	1816
Washington, D. C., metropolitan area.*	P 63	228	do	205,237	206,110	217,237	1905
All other areas*	P 64		do	1,923,411	1,884,622	1,892,405	1905
CIVIL SERVICE CLASSIFIED COMPETITIVE POSITIONS							
Number of positions	P 65	230	do	1,733,019	1,750,823	1,802,708	
Persons examined	P 66	230	do	1,388,345	1,434,033	1,947,147	
Persons passed	P 67	230	do	(6)	(6)	1,122,023	
Persons appointed [7] *	P 68	230	do	329,002	514,808	504,660	

[1] Less than 500,000 shares.

[2] Presidential election, 1948: Harry S. Truman; Democratic, Liberal; electoral 303; popular 24,105,695. Thomas E. Dewey; Republican; electoral 189; popular 21,969,170. J. Strom Thurmond; States' Rights Democrat; electoral 39; popular 1,169,021. Henry A. Wallace; Progressive, American Labor; popular 1,156,103. Norman Thomas; Socialist; popular 139,009. Claude A. Watson; Prohibition; popular 103,216. Edward A. Teichert; Socialist-Labor, Industrial Government; popular 29,061. Farrel Dobbs; Socialist Workers, Militant Workers; popular 13,613. See tables 347 and 349.

[3] For 1945-1949 (through 81st Cong.). President Truman. Total 181; regular 126; pocket 55. Vetoes sustained 174. Bills passed over veto 7. Major appropriation bills vetoed, purpose and fiscal year: Supplemental Federal Security Agency bill, 1949. Subsequent action on bill: Veto overridden.

[4] Jan. 1947-Dec. 1948; 80th Cong. Measures introduced: Total 10,797; bills 10,108; joint resolutions 689. Measures passed: Total 1,364; public, total 906; acts 906; private, total 458; acts 458. 1949; 81st Cong. Measures introduced: Total 9,816; bills 9,297; joint resolutions 519. Measures passed: Total 793; public, total 440; acts 440; private total 353; acts 353.

[5] Jan. 1947-Dec. 1948; 80th Cong. House: Major party 245 R; principal minority party 188 D; other (except vacancies) 1. Senate: Major party 51 R; principal minority party 45 D. President (D) Truman. Jan. 1949-Dec. 1950; 81st Cong. House: Major party 263 D; principal minority party 171 R; other (except vacancies) 1. Senate: Major party 54 D; principal minority party 42 R. President (D) Truman.

[6] Not available.

[7] Excludes temporary appointments pending establishment of registers.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
GOVT. EMPLOYMENT—Continued							
EMPLOYMENT AND PAY ROLLS [1]							
Number of public employees:							
Total [2]*	P 70	------	Thousands	5,871	6,010	6,219	1940
Federal:							
Executive branch*	P 71	------	do	2,112	2,027	2,060	1929
Other	P 72	------	do	41	40	39	1929
State and local:							
Total [2]	P 74	------	do	3,718	3,943	4,120	1940
School	P 75	------	do	1,503	1,563	1,646	1929
Nonschool:							
Total [2]	P 77	------	do	2,215	2,380	2,474	1940
State	P 78	------	do	618	662	703	1929
Local [2]	P 80	------	do	1,597	1,718	1,771	1940
Monthly public pay rolls*	P 81	------	Mil. dols	1,145.4	1,277.2	1,404.7	1929
Federal:							
Executive branch*	P 82	------	do	487.8	508.9	551.1	1929
Other	P 83	------	do	9 4	9.7	10 3	1929
State and local	P 84	------	do	648 2	758.6	843 3	1929
School [3]	P 85	------	do	288.8	338.0	375 4	1929
Nonschool	P 86	------	do	359.4	420 6	467.9	1929
State	P 87	------	do	106.6	127.0	143.6	1929
Local	P 88	------	do	252.8	293.6	324.3	1929
FEDERAL GOVERNMENT FINANCES							
TREASURY RECEIPTS [4]							
Net receipts [5]*	P 89a	356	do	40,042,606	42,210,770	38,245,668	------
Total receipts*	P 89	356	1,000 dols	44,508,189	46,098,807	42,773,506	1789
Customs	P 90	356	do	494,078	421,723	384,485	1789
Internal revenue:							
Income and profits taxes	P 91	356	do	29,305,568	31,170,968	29,482,284	1864
Other*	P 92	356	do	10,073,840	10,682,517	10,825,001	1792
Other receipts*	P 93	356	do	4,634,702	3,823,599	2,081,736	1789
Sales of public lands	P 94	356	do	143	214	(6)	1796
Surplus postal receipts	P 95	------	do	12,000	----------	----------	1793
Miscellaneous receipts*	P 96	------	do	4,622,559	3,823,385	2,081,736	1789
Surplus (+) or deficit (−):							
Gross (including debt retirements)*	P 97	------	do	+753,788	(7)	(7)	1789
Net (excl. debt retirements)*	P 98	356	do	+753,788	+8,419,470	−1,811,440	1789
TREASURY EXPENDITURES [4]							
Total expenditures, excluding debt retirements. [8]*	P 99	357	do	39,288,819	[9]33,791,301	40,057,108	1789
Dept. of the Army (including rivers and harbors, and Panama Canal). [10]	P 100	357	do	9,172,139	7,698,556	9,546,332	1789
Dept. of the Navy	P 101	357	do	5,597,203	4,284,619	4,434,298	1789
Interest on public debt	P 102	357	do	4,957,922	5,211,102	5,339,396	1789
Other expenditures [8]*	P 103	357	do	19,561,554	16,597,023	20,737,081	1789
Indians	P 104	357	do	37,369	41,147	(6)	1789
Veterans' pensions	P 105	357	do	1,929,226	2,080,130	(6)	1789
Postal deficiencies	P 106	------	do	241,787	310,213	524,297	1841
Civil and miscellaneous [8]*	P 107	------	do	17,353,172	14,165,533	(6)	1793
Statutory debt retirements (sinking fund, etc.).	P 108	------	do	----------	[7] 1,011,636	[7] 7,758	1918

[1] All figures are monthly averages.
[2] Includes all officials and employees receiving any compensation except school board members.
[3] Average for school term.
[4] Effective Jan. 3, 1949, amounts refunded by government, principally for overpayment of taxes, are being reported as deductions from total receipts rather than as expenditures. Also, effective July 1, 1948, payments to Treasury, principally by wholly owned Government corporations for retirement of capital stock and for disposition of earnings, have been excluded in reporting both budget receipts and expenditures.
[5] Series not shown in *Historical Statistics*. Net receipts equal total receipts (series P 89) less appropriation to Federal old-age and survivors insurance trust fund beginning 1937, and refunds of receipts beginning 1931. For figures covering years 1932 to 1946, see p. 308. Source: *Annual Report of the Secretary of the Treasury, 1949*.
[6] Not available separately.
[7] The practice of including statutory debt retirements in budget expenditures discontinued, effective 1948.
[8] Includes government corporations (wholly owned), etc.
[9] Excludes transfer of $3,000,000,000 to "Foreign Economic Cooperation Trust Fund" for expenditures to be made in fiscal year 1949.
[10] Title changed pursuant to act of July 26, 1947; subsequently includes expenditures of Department of Air Force. Expenditures for Office of Secretary of Defense included in series P 103 and P 107.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
FEDERAL GOVERNMENT FINANCES—Continued							
INTERNAL REVENUE COLLECTIONS, BY SELECTED TAX SOURCES							
Total internal revenue collections [1] *	P 109	------	1,000 dols	39,108,273	41,864,536	40,463,119	1863
Total internal revenue collections [1] *	P 109a	364	do	39,108,386	41,864,542	40,463,125	1935
Selected tax sources:							
Liquor taxes*	P 110	364	do	2,474,762	2,255,327	2,210,607	1863
Distilled spirits and wines, including special taxes *	P 111	364	do	1,809,682	1,554,210	1,519,810	1863
Fermented malt liquors, including special taxes	P 112	364	do	665,080	701,117	690,797	1863
Total stamp taxes (including playing cards)	P 113	364	do	79,978	79,466	72,828	1863
Tobacco manufactures, including special taxes in effect to June 30, 1926	P 114	364	do	1,237,768	1,300,280	1,321,875	1863
Manufacturers', etc., excise	P 115	364	do	1,425,260	1,649,234	1,771,533	1863
Oleomargarine, including special taxes	P 116	364	do	5,874	9,806	17,541	1887
Telegraph, telephone, cable and radio facilities, etc	P 117	364	do	417,691	468,776	535,910	1918
Transportation, including oil by pipeline [2]	P 118	364	do	536,693	582,299	607,743	1918
Admissions	P 119	364	do	456,223	438,628	434,700	1918
INTERNAL REVENUE COLLECTIONS, INCOME, EXCESS PROFITS TAXES, ETC.							
Total income and profits taxes [3]	P 120	364	do	29,019,756	31,172,191	29,605,491	1863
Corporation income taxes [3]	P 121	364	do	9,676,459	10,174,410	11,553,669	1916
Normal and surtaxes	P 122	364	do	6,055,096	9,851,500	11,342,644	1916
Excess profits tax	P 123	364	do	3,621,363	322,910	211,025	1917
Unjust enrichment tax	P 124	364	do	(4)	(4)	(4)	1937
Individual income taxes	P 125	364	do	19,343,297	20,997,781	18,051,822	1916
Capital stock	P 126	364	do	1,597	1,723	6,138	1917
Estate	P 127	364	do	708,794	822,380	735,781	1917
Gift	P 128	364	do	70,497	76,965	60,757	1925
Employment	P 129	364	do	2,024,365	2,381,342	2,476,113	1936
PUBLIC DEBT							
Principal of public debt outstanding: [5]							
Total gross debt	P 132	382	do	258,286,383	252,292,247	252,770,360	1791
Per capita*	P 133	382	Dollars	1,793.23	1,721.30	1,695.46	1851
Matured	P 134	382	1,000 dols	230,914	279,752	244,757	1853
Noninterest-bearing	P 135	382	do	2,942,058	1,949,146	1,763,966	1862
Interest-bearing	P 136	382	do	255,113,412	250,063,348	250,761,637	1853
Computed annual interest charge	P 137	382	do	5,374,409	5,455,476	5,606,000	1855
Computed rate of interest	P 138	382	Percent	2.107	2.182	2.236	1916
Composition of interest-bearing debt:							
Bonds:							
U. S. Savings	P 139	382	Mil. dols	51,367	53,274	56,260	1935
Other bonds	P 140	382	do	121,607	114,464	112,306	1880
Treasury bills, etc	P 141	382	do	41,071	36,345	40,964	1880
Notes	P 142	382	do	13,702	15,769	8,456	1916
Special issues	P 143	382	do	27,366	30,211	32,776	1925

[1] Figures for series P 109 are from *Annual Report of the Secretary of the Treasury* and exclude trust fund receipts; those for series P 109a through P 129 for the years 1947–49 are from *Annual Report of the Commissioner of Internal Revenue* and include trust fund receipts. Includes income tax on Alaska Railway.

[2] Includes tax on transportation of persons and on transportation of property.

[3] Includes income tax on Alaska Railway.

[4] Included in miscellaneous taxes.

[5] Data as of June 30.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

Ast erisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No	Unit	1947	1948	1949	Earliest date
FEDERAL GOVERNMENT FINANCES—Continued							
INCOME TAX RETURNS, INDIVIDUAL, ESTATE, AND TRUST							
For returns with net (adjusted gross) income:							
Number, total	P 144	369	Number	54,909,933	(1)	(1)	1913
Taxable	P 145	368	do	41,688,521	(1)	(1)	1916
Net (adjusted gross) income	P 146	369	1,000 dols	151,268,858	(1)	(1)	1913
Total tax less credits	P 147	369	do	18,249,352	(1)	(1)	1913
INCOME TAX RETURNS, CORPORATION							
Total number of returns	P 152	375	Number	587,690	(1)	(1)	1909
For returns with net income:							
Number of returns	P 153	375	do	382,538	(1)	(1)	1909
Gross income [2] *	P 154		1,000 dols	343,210,054	(1)	(1)	1916
Net income	P 155	375	do	33,386,263	(1)	(1)	1909
Total tax	P 156	375	do	11,012,036	(1)	(1)	1909
Income tax	P 157	375	do	11,012,036	(1)	(1)	1909
Excess profits taxes [3]	P 158	375	do				1917
Dividends paid*	P 159	375	do	[4] 8,222,277	(1)	(1)	1922
For returns with no net income:							
Number of returns	P 160	375	Number	169,276	(1)	(1)	1909
Gross income [2]	P 161		1,000 dols	24,466,118	(1)	(1)	1916
Deficit	P 162	375	do	1,958,563	(1)	(1)	1916
Dividends paid*	P 163	375	do	[4] 112,925	(1)	(1)	1922
Number of returns of inactive corporations.	P 164	375	Number	35,876	(1)	(1)	1927
POSTAL RECEIPTS AND EXPENDITURES							
As reported by Post Office Department:							
Postal revenues [5]	P 165	549	1,000 dols	1,299,141	1,410,971	(1)	1789
Postal expenditures	P 166	549	do	1,504,805	1,687,759	(1)	1789
Surplus (+) or deficit (−)	P 167	549	do	−205,658	−276,834	(1)	1789
Treasury accounts:							
Surplus revenue paid into Treasury.	P 168		do	12,000			1793
Grants from Treasury to cover postal deficiencies.	P 169		do	241,787	310,213	524,297	1841
COPYRIGHTS, PATENTS, AND TRADE-MARKS							
COPYRIGHT REGISTRATIONS [6]							
Total registrations [7]	P 170a	529	do	230,215	238,121	201,190	
Total registrations, except commercial prints and labels. [8]	P 170		Number	220,541	227,502	187,957	1898
Selected subjects:							
Books, pamphlets, and contributions.	P 171	529	do	53,925	54,774	51,238	1902
Books printed only in United States.	P 172	529	do	9,903	9,786	10,254	1927
Books and pamphlets printed abroad in a foreign language.	P 173	529	do	3,970	2,545	2,644	1910
Musical compositions	P 174	529	do	68,709	72,339	48,210	1902
Commercial prints and labels: [9]							
For calendar year	P 175		do	9,971	11,913	13,596	1874
For fiscal year ending June 30.[7]	P 175a	529	do	9,674	10,619	13,233	

[1] Not available.
[2] "Gross income" differs from "Total compiled receipts" in that the former excludes wholly tax-exempt interest.
[3] Gross income" does not appear in *Statistics of Income* after 1945.
[4] Tax repealed. [4] Preliminary figures exclude stock dividends.
[5] Includes adjusted losses, etc. [6] For fiscal year ending June 30.
[7] Source: *Annual Report of the Librarian of Congress.*
[8] Includes renewals of commercial prints and labels. Comparable statistics for 1941–46 are: 173,495; 175,070; 155,404; 163,316; 171, 445; 194,169.
[9] Excludes renewals. In series P 175, as shown in *Historical Statistics*, figures for 1941–45 exclude renewals, figures for earlier years include renewals.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
COPYRIGHTS, PATENTS, AND TRADE-MARKS—Con.							
PATENTS AND TRADE-MARKS							
Patents granted	P 176	526	Number	22,433	28,096	39,809	1790
Inventions [1]	P 177	526	do	20,201	24,017	35,240	1838
Design	P 178	526	do	2,102	3,968	4,451	1843
Reissue	P 179	526	do	130	111	118	1838
To residents of foreign countries.[2]	P 180	528	do	1,617	1,984	3,105	1836
Applications for patents filed	P 181	526	do	83,313	75,952	74,810	1840
Inventions	P 182		do	75,535	68,799	67,662	1867
Design	P 183		do	7,644	7,048	6,998	1880
Reissue	P 184		do	134	105	150	1877
Trade-mark registrations	P 185	526	do	[3] 15,121	[3] 16,530	[3] 19,769	1870
Registered	P 186	526	do	8,981	11,474	15,972	1925
Renewed	P 187	526	do	6,140	5,056	3,797	1925
STATE AND LOCAL GOVERNMENT							
GENERAL REVENUE AND EXPENDITURE, AND GROSS DEBT							
State and local governments:							
General revenue, total*	P 188A	398	Mil. dols	15,298	17,862	(4)	1890
Property*	P 189A	399	do	5,507	6,134	(4)	1890
Other taxes*	P 190A	399	do	7,019	8,279	(4)	1890
Aid received from other governments.*	P 191A	398	do	1,163	1,492	(4)	1902
Charges and misc	P 192A	398	do	1,609	1,957	(4)	1890
Gross debt less sinking funds (general and enterprise).*	P 201A		do	14,557	16,017	(4)	1890
State governments:							
General revenue, total*	P 188B	407	do	8,481	10,025	(4)	1890
Property	P 189B	407	do	261	279	(4)	1890
Other taxes*	P 190B	407	do	6,429	7,512	(4)	1890
Aid received from other governments.	P 191B	407	do	1,157	1,439	(4)	1902
Charges and misc*	P 192B	407	do	633	796	(4)	1890
General expenditure, total*	P 193B	407	do	8,099	10,400	(4)	1940
Provision for debt retirement.	P 194B	407	do	146	179	(4)	1940
Total excluding provision for debt retirement.*	P 195B	407	do	7,953	10,221	(4)	1890
Operation*	P 196B	407	do	3,318	4,351	(4)	1890
Aid paid to local governments.[5]*	P 197B	407	do	2,549	3,167	(4)	1902
Capital outlay	P 198B	407	do	949	1,425	(4)	1902
Interest	P 199B	407	do	63	71	(4)	1890
Contributions to trust funds and enterprises.	P 200B	407	do	1,073	1,206	(4)	1915
Gross debt less sinking funds (general and enterprise).*	P 201B		do	2,347	2,953	(4)	1890
Local governments:							
General revenue, total*	P 188C	398	do	9,419	11,053	(4)	1890
Property*	P 189C	399	do	5,246	5,856	(4)	1890
Other taxes*	P 190C	399	do	589	766	(4)	1890
Aid received from other governments.*	P 191C	398	do	2,608	3,269	(4)	1902
Charges and misc*	P 192C	398	do	976	1,162	(4)	1890
Gross debt less sinking funds (general and enterprise).*	P 201C		do	12,211	13,068	(4)	1890
Counties:							
General revenue, total*	P 188D	422	do	2,253	2,614	(4)	1890
Property*	P 189D	422	do	1,121	1,259	(4)	1902
Other taxes*	P 190D	422	do	52	70	(4)	1902
Aid received from other governments.*	P 191D	422	do	802	957	(4)	1902
Charges and misc*	P 192D	422	do	278	328	(4)	1902

[1] Includes plant inventions.
[2] Included in series P176–178.
[3] Excludes 150 trade-mark republications (under Trade-Mark Act of 1946) of trade-marks registered under prior acts for 1947; 19,730 for 1948; and 12, 983 for 1949.
[4] Not available.
[5] Erroneously labeled as "other" governments in *Historical Statistics*.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102 Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
STATE AND LOCAL GOVERNMENT—Con.							
GENERAL REVENUE, ETC.—con.							
Counties—Continued							
General expenditure, total*	P 193D	422	Mil. dols.	(1)	(1)	(1)	1942
Provision for debt retirement.*	P 194D	422	do.	(1)	(1)	(1)	1942
Total excluding provision for debt retirement.*	P 195D	422	do.	(1)	(1)	(1)	1890
Operation*	P 196D	422	do.	(1)	(1)	(1)	1902
Aid paid to other governments *	P 197D	422	do.	(1)	(1)	(1)	1932
Capital outlay*	P 198D	422	do.	(1)	(1)	(1)	1902
Interest*	P 199D	422	do.	(1)	(1)	(1)	1902
Gross debt less sinking funds (general and enterprise).*	P 201D		do.	1,300	(1)	(1)	1890
Local governments other than counties:							
General revenue, total*	P 188E	398	do.	7,166	8,439	(1)	1890
Property*	P 189E		do.	4,125	4,597	(1)	1902
Other taxes*	P 190E		do.	537	696	(1)	1902
Aid received from other governments.*	P 191E	398	do.	1,806	2,312	(1)	1902
Charges and misc*	P 192E	398	do.	698	834	(1)	1902
Gross debt less sinking funds (general and enterprise).*	P 201E		do.	10,896	11,768	(1)	1890
City corporations:							
General revenue, total*	P 188F	398	do.	4,071	4,649	(1)	1902
Property*	P 189F		do.	2,292	2,523	(1)	1902
Other taxes*	P 190F		do.	523	682	(1)	1902
Aid received from other governments.*	P 191F	398	do.	726	859	(1)	1902
Charges and misc.*	P 192F	398	do.	530	585	(1)	1902
Gross debt less sinking funds (general and enterprise).*	P 201F		do.	6,812	7,317	(1)	1902
Other local governments (townships, school districts, and special districts):							
General revenue, total*	P 188G	398	do.	3,096	3,790	(1)	1902
Property[2] *	P 189G		do.	1,832	2,074	(1)	1902
Other taxes*	P 190G		do.	16	14	(1)	1902
Aid received from other governments.*	P 191G	398	do.	1,081	1,452	(1)	1902
Charges and misc.*	P 192G	398	do.	168	250	(1)	1902
Gross debt less sinking funds (general and enterprise).*	P 201G		do.	4,084	4,451	(1)	1902
GROSS AND NET GENERAL REVENUE							
State and local governments:							
Gross revenue*	P 216		do.	17,900	21,078	(1)	1902
Less duplication [3] *	P 217		do.	2,602	3,216	(1)	1902
Net revenue*	P 218		do.	15,298	17,862	(1)	1902
Aid from Federal Govt.*	P 219		do.	1,163	1,492	(1)	1902
From State and local sources.*	P 220		do.	14,135	16,371	(1)	1902
STATE GOVTS., GENERAL FUNCTIONAL EXPENDITURE							
Total operation, aid, and capital outlay:							
Total*	P 224A		do.	6,817	8,943	(1)	1915
General control	P 225A		do.	258	273	(1)	1915
Public safety	P 226A		do.	179	212	(1)	1915
Highways*	P 227A		do.	1,508	1,989	(1)	1915
Sanitation and health*	P 228A		do.	113	131	(1)	1915
Hospitals and institutions for the handicapped.*	P 229A		do.	454	581	(1)	1915
Public welfare*	P 230A		do.	1,338	1,609	(1)	1915
Correction	P 231A		do.	118	148	(1)	1915
Schools*	P 232A		do.	1,738	2,312	(1)	1915
Natural resources	P 233A		do.	227	277	(1)	1915
Other*	P 234A		do.	884	1,408	(1)	1915

[1] Not available. [2] Includes a small unsegregable amount of other taxes.
[3] Comprises duplication State and local intergovernmental aid.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

[Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
STATE AND LOCAL GOVERNMENT—Con.							
STATE GOVERNMENTS, GENERAL FUNCTIONAL EXPENDITURE—continued							
Operation:							
Total*	P 224B	407	Mil. dols.	3,318	4,351	(1)	1915
General control	P 225B	407	do	234	257	(1)	1915
Public safety	P 226B	407	do	171	200	(1)	1915
Highways	P 227B	407	do	424	491	(1)	1915
Sanitation and health*	P 228B	407	do	109	106	(1)	1915
Hospitals and institutions for the handicapped.*	P 229B	407	do	400	492	(1)	1915
Public welfare	P 230B	407	do	839	956	(1)	1915
Correction	P 231B	407	do	107	130	(1)	1915
Schools	P 232B	407	do	506	652	(1)	1915
Natural resources	P 233B	407	do	207	244	(1)	1915
Other	P 234B	407	do	322	823	(1)	1915
Aid paid to local governments [2]							
Total*	P 224C	407	do	2,549	3,167	(1)	1915
Public safety	P 226C		do	(3)	(3)	(1)	1937
Highways*	P 227C	407	do	415	481	(1)	1915
Sanitation and health	P 228C		do	(3)	20	(1)	1937
Hospitals and institutions for the handicapped.	P 229C		do	15	15	(1)	1938
Public welfare*	P 230C	407	do	495	646	(1)	1937
Schools*	P 232C	407	do	1,129	1,490	(1)	1915
Natural resources	P 233C		do	(3)	(3)	(1)	1937
Other [4]*	P 234C		do	496	514	(1)	1919
Capital outlay:							
Total*	P 224	407	do	949	1,405	(1)	1915
General control	P 225D		do	24	16	(1)	1915
Public safety	P 226D		do	8	12	(1)	1915
Highways*	P 227D	407	do	670	1,018	(1)	1915
Sanitation and health	P 228D		do	4	5	(1)	1915
Hospitals and institutions for the handicapped	P 229D		do	39	74	(1)	1915
Public welfare	P 230D		do	4	6	(1)	1915
Correction	P 231D		do	11	20	(1)	1915
Schools*	P 232D	407	do	102	170	(1)	1915
Natural resources	P 233D		do	20	33	(1)	1915
Other	P 234D		do	66	71	(1)	1915
STATE TAX COLLECTIONS							
Total:							
Including unemployment compensation.*	P 235	407	do	6,690	7,791	8,342	1936
Excluding unemployment compensation.*	P 236	407	do	5,721	6,732	7,369	1915
General sales, use, and gross receipts.	P 237	407	do	1,181	1,479	1,606	1930
Motor vehicle fuel sales	P 238	407	do	1,110	1,260	1,372	1919
Tobacco products sales	P 239	407	do	245	339	390	1930
Alcoholic beverage sales and licenses.*	P 240		do	480	500	500	1915
Motor vehicle and operators licenses.*	P 241	407	do	517	593	663	1915
Income tax, total*	P 242	407	do	869	1,084	1,236	1915
Individual	P 243	407	do	418	499	575	1931
Corporation	P 244	407	do	451	585	661	1931
Property	P 245	407	do	261	279	280	1915
Death and gift*	P 246		do	165	180	179	1915
Severance	P 247		do	94	131	200	1931
Unemployment compensation [5]	P 248	407	do	969	1,059	973	1936
Other*	P 249		do	799	887	944	1915

[1] Not available. [2] Erroneously labeled as "other" governments in *Historical Statistics*.
[3] Minor amounts for aid paid to other governments for this function not separately reported; such amounts are included in the category "Other."
[4] Consists largely of State aid for unspecified purposes; such aid is locally expendable for any function. Includes also minor amounts for functions not shown separately.
[5] Represents net collections deposited in State clearing accounts.

TABLE A.—HISTORICAL STATISTICS: 1947 TO 1949—Continued

Asterisk (*) denotes series revised for earlier years; for revisions, see App. I, table B, and 1949 *Abstract*, table 1102. Figures for 1949 are generally preliminary; 1947 and 1948 figures are subject to revision. Also, see headnote, p. 909]

SERIES TITLE	Series No.	Abstract table No.	Unit	1947	1948	1949	Earliest date
STATE AND LOCAL GOVERNMENT—Con.							
MAJOR CITIES, FINANCIAL SUMMARY [1]							
General revenue, total*	P 250		Mil. dols	2,652	3,017	(2)	1902
Selected classes:							
Property taxes*	P 251		do	1,476	1,628	(2)	1902
Other taxes [3] *	P 252		do	390	491	(2)	1902
Aid received from other governments. [3] *	P 253		do	528	613	(2)	1902
General expenditure, total	P 254		do	2,799	3,251	(2)	1941
Provision for debt retirement.	P 255		do	200	229	(2)	1941
Total excluding provision for debt retirement.	P 256		do	2,598	3,022	(2)	1902
Selected classes:							
Interest	P 257		do	99	97	(2)	1902
Contributions to trust funds and enterprises.	P 258		do	240	274	(2)	1912
Debt:							
Total (general and enterprise):							
Gross	P 259		do	6,298	6,514	(2)	1902
Gross less sinking funds	P 260		do	5,111	5,299	(2)	1902
Total general debt*	P 261		do	3,011	3,116	(2)	1902
Number of cities	P 263		Number	92	92	(2)	1902
MAJOR CITIES, GENERAL FUNCTIONAL EXPENDITURE							
Operation:							
Total	P 265A		Mil. dols	2,003	2,267	(2)	1902
General control	P 266A		do	169	181	(2)	1902
Public safety	P 267A		do	477	530	(2)	1902
Highways	P 268A		do	127	152	(2)	1902
Sanitation	P 269A		do	163	183	(2)	1902
Health	P 270A		do	[4] 189	49	(2)	1902
Hospitals	P 271A		do		175	(2)	1902
Public welfare	P 272A		do	240	284	(2)	1902
Correction	P 273A		do	24	27	(2)	1902
Schools	P 274A		do	447	505	(2)	1902
Libraries	P 275A		do	32	35	(2)	1902
Recreation	P 276A		do	86	98	(2)	1902
Other	P 277A		do	48	50	(2)	1902
Capital outlay:							
Total	P 265C		do	247	362	(2)	1902
General control	P 266C		do	(5)	(5)	(2)	1902
Public safety	P 267C		do	(5)	(5)	(2)	1902
Highways	P 268C		do	99	123	(2)	1902
Sanitation	P 269C		do	(5)	(5)	(2)	1902
Schools	P 274C		do	(5)	(5)	(2)	1902
Recreation	P 276C		do	(5)	(5)	(2)	1902
Other	P 277C		do	148	239	(2)	1912

[1] Comprises combined totals for all cities having 100,000 inhabitants or more in the 1940 census.
[2] Not available.
[3] Local shares of State-administered taxes, except any amounts locally collected and retained, are classified as State aid and the cities' shares of such taxes are included in aid received.
[4] Segregation not available.
[5] Segregation not available; included in "other" capital outlay.

TABLE B.—REVISIONS IN HISTORICAL STATISTICS FOR 1946 AND EARLIER YEARS

[Series numbers are as shown in table A, this appendix; and in *Historical Statistics of the United States, 1789–1945*. Figures are as provided by source agencies. Revisions for 1945 and earlier years are probably incomplete. In some instances, figures are included to fill cells left blank in *Historical Statistics* because data were not available when that volume went to press. Revisions shown are in *addition* to those presented in table 1102, 1949 *Abstract*. To bring *Historical Statistics* to date, consult table below and table A of this appendix and tables 1101 and 1102, 1949 *Abstract*. See also Errata Sheet No. 1 (dated Mar. 31, 1950), available on request]

SERIES NO.	Unit	Year	Revised figures
A 101	Bil. dols	1946	212.6
		1945	215.2
		1944	213.7
		1943	194.3
		1942	161.6
		1941	126 4
		1940	101.4
		1939	91.3
A 102	do	1946	147.8
		1945	123.1
		1944	111.6
		1943	102.2
		1942	91.2
A 103	do	1946	16.5
		1945	8.5
		1944	7.1
		1943	6.8
		1942	7.1
A 104	do	1946	86 8
		1945	74.9
		1944	67 1
		1943	61.0
		1942	52.9
A 105	do	1946	44.5
		1945	39.7
		1944	37.4
		1943	34.4
		1942	31.2
A 106	do	1946	29.5
		1945	10.7
		1944	7.7
		1943	5.7
		1942	10 9
		1941	18.3
		1940	13.9
		1939	9.9
A 107	do	1946	10.3
		1945	3.9
		1944	2.8
		1943	2.5
		1942	4.0
		1941	6.8
		1940	5.6
		1939	4.9
A 110	do	1946	12.5
		1945	7.5
		1944	5.7
		1943	4.1
		1942	4.9
A 111	do	1946	6.7
		1945	—.7
		1944	—.8
		1943	—.9
		1942	2.1
A 113	do	1946	30.7
A 116	do	1946	9.9
		1942	7.7
A 117	do	1946	179 6
		1945	182.7
		1944	183.8
		1943	169.7
		1942	137.1
A 118	Bil. dols	1946	117.0
		1945	123.0
		1943	109.2
		1942	84.9
A 119	do	1946	111.4
		1945	117 7
		1943	105.6
		1942	81.9
A 120	do	1946	90.5
		1944	83.4
		1943	78.8
		1942	65.8
A 121	do	1916	8.0
		1945	22.6
		1944	20.6
		1943	14.4
A 124	do	1946	35.0
		1945	31.2
		1944	29.0
		1943	26.8
		1942	23.1
A 125	do	1946	20.8
		1945	18.7
		1944	17.2
		1943	15.0
		1942	12.6
A 126	do	1946	14.2
		1945	12.5
		1944	11.8
		1942	10.5
A 127	do	1946	6.2
		1945	6.3
		1944	6.5
		1943	6.1
A 128	do	1946	18.3
		1945	19.2
		1943	21.3
		1942	19.9
A 129	do	1946	23.6
		1945	19.7
		1943	25.1
A 130	do	1946	9 6
		1945	11.2
		1943	14.4
A 131	do	1946	13.9
		1945	8.5
		1943	10.6
A 132	do	1946	—5.2
		1942	—1 2
A 133	do	1946	3.0
A 134	do	1946	176.9
		1945	171.9
		1944	165.9
		1943	150.3
		1942	122.7
A 135	do	1946	109.4
		1945	115.3
		1943	103.6
		1942	80.7
A 137	do	1946	41.3
		1945	37.5
		1944	35.5
		1943	32.8
		1942	28.4

TABLE B.—REVISIONS IN HISTORICAL STATISTICS FOR 1946 AND EARLIER YEARS—Continued

[See headnote, p. 961]

SERIES NO.	Unit	Year	Revised figures
A 138	Bil. dols	1946	5.8
A 139	do	1946	7.4
A 141	do	1946	18.8
A 142	do	1946	158.1
		1945	151.1
		1944	147.0
		1943	132.4
		1942	116.7
A 143	do	1946	147.8
		1945	123.1
		1944	111.6
		1943	102.2
		1942	91.2
A 144	do	1946	10.3
		1945	28.0
		1944	35.4
		1943	30.2
		1942	25.6
C 37	Rate [1]	1944	1,258
		1943	1,329
		1942	1,282
		1941	1,169
		1940	1,116
		1939	1,088
		1938	1,113
		1937	1,085
		1936	1,071
		1935	1,093
C 56	Rate [1]	1940	45.8
C 57	do	1940	291.9
C 58	do	1940	70.1
C 59	do	1940	120.0
C 120–155	[2]	[2]	[2]
D 117	Dollars	1946	1.086
		1922	.487
		1921	.515
		1920	.555
D 118	Number	1922	44.2
		1921	43.1
		1920	47.4
D 119	Dollars	1946	43 82
		1922	21.51
		1921	22.18
		1920	26.30
D 120	1939 avg.=100	1946	271.7
		1945	293.5
		1944	343.7
		1943	331.1
		1942	241.5
		1941	164.9
		1940	107.5
		1938	84.7
		1937	108.9
		1936	91.1
		1935	78.6
		1934	68.3
		1933	53.1
		1932	49.5
		1931	71.8
		1930	94.8
		1929	117.1
		1928	109.8
		1927	108.5
		1926	110.5
D 120—Con.	1939 avg.=100	1925	107.3
		1924	101.8
		1923	109.1
		1922	86.0
		1921	80.2
		1920	124.2
		1919	103.9
D 172–176	[4]	[4]	[4]
D 215	1939=100	1946	107.0
		1945	106.1
		1944	104.7
		1943	101.5
D 217	do	1943	116.7
E 2	Mil. dols	1946	70,265
E 61	1,000 workers	1946	11,092
		1945	10,813
		1944	11,055
		1943	11,329
		1942	11,458
		1941	11,419
		1940	11,671
		1939	11,723
		1938	11,658
		1937	11,651
		1936	11,688
		1935	11,654
		1934	11,285
		1933	11,347
		1932	11,283
		1931	11,258
		1930	11,161
		1929	11,282
		1928	11,295
		1927	11,213
		1926	11,511
		1925	11,466
E 62	do	1946	8,766
		1945	8,548
		1944	8,643
		1943	8,704
		1942	8,689
		1941	8,652
		1940	8,866
		1939	8,915
		1938	8,856
		1937	8,850
		1936	8,977
		1935	9,130
		1934	8,864
		1933	8,861
		1932	8,754
		1931	8,560
		1930	8,329
		1929	8,302
		1928	8,341
		1927	8,288
		1926	8,499
		1925	8,579
E 63	do	1946	2,326
		1945	2,265
		1944	2,412
		1943	2,625
		1942	2,769

[1] Per 1,000 female population.
[2] Per 100,000 population.
[3] See footnotes 3–5, p, 914.
[4] See footnotes 3 and 4, p. 916.

TABLE B.—REVISIONS IN HISTORICAL STATISTICS FOR 1946 AND EARLIER YEARS—Continued

[See headnote, p. 961]

SERIES NO.	Unit	Year	Revised figures
E 63—Con.	1,000 workers	1941	2,767
		1940	2,805
		1939	2,808
		1938	2,802
		1937	2,801
		1936	2,711
		1935	2,524
		1934	2,421
		1933	2,486
		1932	2,529
		1931	2,698
		1930	2,832
		1929	2,980
		1928	2,954
		1927	2,955
		1926	3,012
		1925	2,887
E 64–68	[1]	[1]	[1]
E 70	1935–39=100	1946	144
E 72	do	1946	137
E 80	Mil. dols	1944	87
		1943	87
		1942	98
E 86	Cents	1945	8.0
E 91	Mil. dols	1946	29,255
E 92	do	1946	14,238
		1945	12,629
		1944	11,640
		1943	10,882
		1942	9,465
		1941	7,469
		1940	6,484
E 93	do	1946	15,017
		1945	12,790
		1944	12,519
		1943	12,126
		1942	9,086
		1941	6,412
		1940	4,525
E 94	do	1946	16,679
		1945	13,973
		1944	13,659
		1943	14,084
		1942	11,168
		1941	7,665
		1940	5,347
E 98–100	[2]	[2]	[2]
E 101	1910–14=100	1934	147
		1924	250
		1920	216
		1916	132
E 104	[2]	[2]	[2]
E 239	Dollars	1946	93.80
E 251	1,000 dols	1920	[3] 19,324
		1919	[3] 53,030
		1918	[3] 6,600
		1917	[3] 1,890
E 255	1910–14=100	1934	147
		1924	250
		1920	216
		1916	132
		1913	109
E 259	1,000 dols	1940	18,963
		1936	16,135
		1935	96,382
E 260	do	1940	167,795
E 269	1924–29=100	1933	59
F 9	1,000 dols	1945	14,147
		1944	15,169
		1943	10,543
		1942	9,914
		1941	8,655
		1940	7,653
		1939	8,642
		1938	9,247
		1937	7,815
		1936	5,240
F 10	1,000 acres	1898	5,600
		1894	8,467
		1850	55,400
		1841	7,807
F 15	do	1880	6,055
		1879	[4] 5,267
		1878	[4] 4,497
		1877	[4] 2,176
		1876	[4] 2,868
		1875	[4] 2,370
		1874	[4] 3,490
		1873	[4] 3,760
		1872	[4] 4,595
		1871	[4] 4,657
		1870	[4] 3,754
		1869	[4] 2,698
		1868	[4] 2,332
		1867	[4] 1,835
		1866	[4] 1,891
		1865	[4] 1,141
		1864	[4] 1,247
		1863	[4] 1,033
F 20	do	1898	[4] 100
		1865	42,796
F 21	do	1865	41,454
F 24	do	1898	[4] 100
F 155	Mil. lbs	1945	4,576
F 160	1,000 lbs	1946	155,035
F 164	do	1945	112,390
F 165	do	1945	153,027
F 174	do	1945	13,553
F 193	do	1946	158,595
F 200	Cases	1946	20,882,583
F 202	48-lb. cases	1946	4,510,167
F 203	Dollars	1946	70,160,653
F 210	Cases	1946	3,303,180
F 213	Dollars	1946	20,360,948
F 214	U. S. Standard gallons.	1946	20,031,010
F 215	Dollars	1946	34,702,132
G 59	Mil. cu. ft	1945	3,918,688
G 106	Long tons	1946	3,666
G 131	Number	1946	76,546
		1945	71,665
		1944	81,674
		1943	100,593
G 132	do	1946	255

[1] See footnotes 1–3, p. 918.
[2] See footnote 3, p. 919.
[3] Partially estimated.
[4] Not shown in *Historical Statistics*.

TABLE B.—REVISIONS IN HISTORICAL STATISTICS FOR 1946 AND EARLIER YEARS—Continued

[See headnote, p. 961]

SERIES NO.	Unit	Year	Revised figures
G 133	Number	1946	116
		1945	112
		1944	147
		1943	220
G 134	do	1946	1 78
G 136	do	1946	133. 82
G 144	do	1946	968
		1945	1, 068
G 156	do	1946	463, 079
		1945	437, 921
G 171	Mil. kwh	1946	269, 609
G 172	do	1946	83, 150
G 173	do	1946	186, 458
G 174	do		
G 179	do	1946	46, 431
G 180	do	1946	4, 744
G 181	do	1946	41, 687
G 182	do		
G 183	do	1946	269, 609
G 190	do	1946	46, 431
G 205	1,000 kwh	1946	63, 066
G 206	do	1946	15, 828
G 207	do	1946	45, 442
G 208	do	1946	1, 796
G 213	do	1946	12, 749
G 214	do	1946	980
G 215	do	1946	11, 129
G 216	do	1946	640
G 217	do	1946	63, 066
G 224	do	1946	12, 749
H 65	1913=100	1945	257
		1941	217
		1940	194
		1937	193
		1936	166
		1933	141
H 70	1925–29=100	1945	111 7
H 72	1910–14=100	1946	270
H 113	Mil. dols	1928	[1] 4, 843
H 117	do	1935	[1] 393
J 1	Number	1939	[2] 173, 802
J 3 [3]	do	1939	[2] 1, 719, 101
J 4	do	1939	[2] 7, 808, 205
J 5	1,000 dols	1939	[2] 12, 706, 102
J 6	do	1939	[2] 3, 708, 587
J 7	do	1939	[2] 8, 997, 515
J 10	do	1939	[2] 24, 487, 304
J 171	Mil. lbs	1916	[4] 602
J 172 [5]	1,000 bbls	1932	2, 766
		1931	3, 137
		1930	3, 681
J 173 [6]	1,000 tax gals	1946	634, 454
		1945	1, 174, 391
		1944	1, 011, 763
		1943	772, 267
		1942	675, 482
J 174	Millions	1931	[4] 117. 408
J 180	Thousands	1946	[7] 22, 777
K 101	Gross tons	1946	29, 705, 380
K 102	do	1946	8, 791, 202
K 133	1,000 short tons	1946	878, 803
		1945	870. 282
		1944	859, 954
		1943	804. 104
		1942	827, 624
		1941	920, 634
		1940	836, 416
		1939	769, 689
		1938	664, 751
		1937	745, 032
		1936	649, 860
		1935	543, 270
		1934	480, 893
		1932	390, 323
		1931	493, 442
		1930	591, 331
		1929	655, 045
		1928	608, 001
		1927	594, 755
		1926	602, 196
		1925	548, 200
		1924	487, 167
K 134	do	1946	148, 877
		1945	172, 094
		1942	127, 284
		1940	111, 255
		1935	81, 639
		1933	69, 466
		1931	89, 525
		1925	108, 548
K 135	do	1936	37, 507
		1935	33, 942
		1933	27, 671
		1925	42, 793
K 137	do	1946	4, 163
		1940	4, 118
K 138	do	1946	20, 177
		1945	20, 724
		1943	24, 001
		1931	9, 293
K 139	do	1946	468, 155
		1945	446, 812
		1943	453, 297
		1940	496, 645
		1933	324, 638
		1931	356, 123
		1925	374, 852
		1924	352, 139
K 140	do	1946	729, 926
		1945	698, 188
		1944	706, 218
		1943	676, 820
		1942	728, 403
		1941	799, 982
		1940	725, 161
		1939	657, 022

[1] Corrected figure. Incorrectly shown in table 1102 of 1949 *Statistical Abstract.*

[2] Revised for comparability with 1947 figures by excluding data for establishments classified as manufacturing in 1939 but classified as nonmanufacturing in 1947. Series J 3, J 5, and J 6 also revised for comparability with 1947 figures by including data for employees of manufacturing establishments engaged in distribution and in construction work.

[3] See footnote 4, p. 937.

[4] Corrected figure.

[5] Barrels of 31 wine gallons. For years ending June 30. Includes data for Alaska and Hawaii. For 1921–33, only cereal beverages were permitted to be produced. (This note also applies to all data shown for series J 172 in *Historical Statistics.*)

[6] For years ending June 30. Includes ethyl alcohol. Includes data for Hawaii and beginning August 1928, alcohol for Puerto Rico. (This note also applies to all data shown for series J 173 in *Historical Statistics.*)

[7] Revised to include all cotton-system spindles active July 31, including those consuming 100 percent synthetic fibers and other fibers and blends.

TABLE B.—REVISIONS IN HISTORICAL STATISTICS FOR 1946 AND EARLIER YEARS—Continued

[See headnote, p. 961]

SERIES NO.	Unit	Year	Revised figures
K 140—Con.	1,000 short tons	1938	559, 569
		1937	630, 619
		1936	559, 613
		1935	461, 631
		1934	402, 995
		1933	377, 778
		1932	319, 894
		1931	403, 917
		1930	477, 220
		1929	527, 534
		1928	481, 233
		1927	474, 232
		1926	470, 903
		1925	439, 652
		1924	385, 605
K 141	do	1946	137, 609
		1945	90, 705
		1943	60, 009
		1942	71, 016
		1941	155, 927
		1940	157, 027
		1938	138, 545
		1937	149, 740
		1936	132, 515
		1935	115, 561
		1934	113, 349
		1933	110, 675
K 142	do	1946	138, 617
		1945	157, 900
		1944	164, 971
		1942	172, 606
		1941	163, 161
		1940	141, 103
		1938	72, 846
		1937	135, 075
		1936	115, 250
		1935	83, 628
		1934	71, 685
		1933	68, 911
		1927	112, 805
		1926	115, 791
		1925	110, 626
		1924	92, 563
K143 [1]	do	1946	91, 225
		1945	97, 822
		1944	106, 194
		1942	104, 189
		1941	98, 728
		1940	97, 632
		1939	87, 710
		1938	76, 216
		1937	91, 059
		1936	88, 024
		1935	76, 583
		1934	60, 998
		1933	55, 207
		1932	54, 845
		1931	67, 530
		1930	79, 414
		1929	89, 528
		1928	75, 728
		1927	78, 020
		1926	88, 270
		1925	59, 981
K 144 [2]	1,000 short tons	1946	81, 668
		1945	87, 073
		1944	95, 821
		1943	93, 689
		1942	92, 748
		1941	85, 368
		1940	70, 217
		1939	62, 014
		1938	56, 034
		1937	55, 295
		1936	44, 337
		1935	35, 720
		1934	34, 894
		1933	26, 030
		1932	27, 242
		1931	37, 327
		1930	37, 591
		1929	41, 995
		1928	39, 870
		1927	40, 559
		1926	36, 798
		1925	49, 787
		1924	34, 101
K 145	do	1942	284, 844
		1941	296, 798
		1940	259, 182
		1939	243, 006
		1938	215, 928
		1933	116, 955
		1928	127, 080
		1925	114, 168
		1924	93, 117
K 146	1,000 net tons	1946	80, 258
K 147	do	1946	53, 045
K 149	do	1946	69, 520
K 150	do	1946	49, 143
K 151	do	1946	20, 378
K 152	do	1946	77, 225
K 153	do	1946	49, 124
K 154	do	1946	28, 101
K 155	do	1946	66, 376
K 156	do	1946	45, 113
K 157	do	1946	21, 263
L 45	1935-39=100	1946	112. 4
M 42	1,000 dols	1946	9, 996, 243
M 43	do	1946	5, 532, 593
		1945	4, 280, 134
		1944	4, 066, 075
		1943	3, 511, 194
		1942	3, 112, 776
M 44	do	1946	+4, 463, 650
		1945	+5, 816, 396
		1944	+11, 278, 770
		1943	+9, 517, 256
		1942	+4, 968, 314
M 51	do	1946	9, 738, 321
		1944	14, 258, 702
		1943	12, 964, 906
M 52	do	1946	9, 500, 184
		1944	14, 161, 544
		1943	12, 841, 542
		1942	8, 003, 113

[1] Represents traffic local to seaports, Great Lakes ports, and communities on inland waterways. Traffic between Great Lakes ports and river ports has been transferred from series K 143 to series K 144.

[2] Represents traffic among ports and communities utilizing inland waterways exclusively. Internal waterborne commerce. See note 1.

TABLE B.—REVISIONS IN HISTORICAL STATISTICS FOR 1946 AND EARLIER YEARS—Continued

[See headnote, p. 961]

SERIES NO.	Unit	Year	Revised figures
M 53	1,000 dols	1946	238,137
		1944	97,158
		1943	123,364
		1942	75,875
M 54	do	1946	4,942,054
		1945	4,159,138
		1944	3,928,866
		1943	3,381,498
		1942	2,755,893
M 55	do	1946	+4,796,267
		1945	+5,646,487
		1944	+10,329,837
		1943	+9,583,408
		1942	+5,323,095
M 56	do	1946	9,500,184
M 57	do	1946	1,415,808
	do	1941	361,741
	do	1940	463,678
M 58	do	1946	648,103
M 59	do	1946	1,522,400
M 60	do	1946	895,125
	do	1941	771,442
	do	1940	900,022
M 61	do	1946	5,018,748
M 62	do	1946	4,824,902
		1945	4,098,101
		1944	3,887,490
		1943	3,390,101
		1942	2,780,317
M 63	do	1946	1,729,074
		1945	1,183,081
		1944	1,078,173
		1943	1,037,386
		1942	1,060,713
M 64	do	1946	814,403
M 65	do	1946	503,946
M 66	do	1946	930,600
M 67	do	1946	846,879
M 68	do	1946	4,824,902
		1945	4,098,101
		1944	3,887,490
		1943	3,390,101
		1942	2,780,317
M 69	do	1946	2,934,955
		1945	2,749,345
		1944	2,717,986
		1943	2,192,852
		1942	1,778,623
M 70	do	1946	1,889,946
		1945	1,348,756
		1944	1,169,504
		1943	1,197,249
		1942	1,001,693
M 71	do	1943	392,540
M 72	Percent	1945	9.29
		1944	9.45
		1942	11.51
M 73	do	1943	32.79
M 75	1,000 dols	1946	2,934,955
		1945	2,749,345
		1944	2,717,986
		1943	2,192,852
		1942	1,778,623
M 76	do	1946	1,889,946
M 77	1,000 dols	1946	1,166,749
		1945	745,819
		1944	727,410
		1943	683,836
		1942	731,316
M 78	do	1946	562,325
M 79	do	1946	652,307
M 80	do	1946	162,095
M 81	do	1946	221,333
M 82	do	1946	282,613
M 83	do	1946	489,524
M 84	do	1946	441,075
M 85	do	1946	405,042
M 86	do	1946	441,838
M 87	do	1946	9,738,321
M 88	do	1946	1,462,917
M 89	do	1946	1,072,097
M 90	do	1946	1,148,590
M 91	do	1946	4,122,358
M 92	do	1946	1,326,870
M 93	do	1946	116,671
M 94	do	1946	488,819
M 95	do	1946	4,942,054
		1945	4,159,138
		1944	3,928,866
		1943	3,381,498
		1942	2,755,893
M 96	do	1946	910,529
M 97	do	1946	733,222
		1945	752,034
		1944	757,844
		1943	641,827
		1942	380,688
M 98	do	1946	1,118,138
		1945	976,101
		1944	931,271
		1943	775,611
		1942	647,836
M 99	do	1946	804,326
M 100	do	1946	886,946
		1944	321,940
		1943	234,814
		1942	339,658
M 101	do	1946	182,574
		1944	130,305
		1943	245,376
		1942	230,834
M 102	do	1946	306,317
		1945	297,015
		1944	222,312
		1943	203,812
		1942	203,581
N 35	Number	1898	[1] 5,918
		1897	[1] 5,847
		1894	[1] 5,738
		1892	[1] 5,577
N 43	do	1894	1,024
N 45	do	1897	4,108
		1892	3,357
N 47	do	1898	773
N 53	Mil. dols	1925	7,427
N 67	Percent	1919	10.2
N 76	Mil. dols	1933	[2] 303,216
N 93	Number	1942	3,602
N 95	do	1942	2,010
N 116	1,000 dols	1915	32,300
N 140	Number	1924	615

[1] Figures in *Historical Statistics* remain unchanged but, on incorporation of revisions in component series N 43, N 45, and N 47 (see below), footnotes 3 and 4 in that volume no longer apply.
[2] Data for 11 months.

TABLE B.—REVISIONS IN HISTORICAL STATISTICS FOR 1946 AND EARLIER YEARS—Continued

[See headnote, p. 961]

SERIES NO.	Unit	Year	Revised figures
N 141	1,000 dols	1938	13,012
		1933	3,598,975
		1932	715,626
		1931	1,690,669
		1930	853,363
		1928	142,580
		1922	93,043
N 143	do	1938	12,422
N 146	do	1938	12,765
P 50		1921–23	R301
P 52		1923–25	3
P 63	Number	1943	280,813
P 64	do	1943	2,876,300
P 68	do	1946	[1] 868,443
		1941	561,789
		1916	42,057
P 70	Thousands	1946	6,121
P 71	do	1946	2,661
P 81	Mil. dols	1946	1,097.8
P 82	do	1946	554.1
P 89	1,000 dols	1946	44,238,135
		1945	47,750,306
		1944	45,441,049
		1943	23,402,322
		1942	13,676,680
		1941	7,995,612
		1940	5,893,368
		1939	5,667,824
		1938	6,241,661
		1937	5,293,590
P 89a	do	1946	40,026,889
		1945	44,761,609
		1944	43,891,673
		1943	22,201,502
		1942	12,696,286
		1941	7,227,281
		1940	5,264,663
		1939	5,103,397
		1938	5,802,186
		1937	4,978,601
		1936	4,068,937
		1935	3,729,914
		1934	3,064,268
		1933	2,021,213
		1932	1,923,913
		1931	3,115,557
P 92	do	1946	9,425,537
		1945	8,728,951
		1944	7,030,135
		1943	6,050,300
		1942	5,032,653
		1941	3,892,037
		1940	3,177,809
		1939	2,972,464
		1938	3,034,034
		1937	2,433,726
P 93	do	1946	3,492,327
		1945	3,493,529
		1943	934,063
		1942	294,614
		1941	242,067
		1940	241,643
		1937	210,094
P 96	1,000 dols	1946	3,492,200
		1945	3,305,242
		1943	933,934
		1942	294,524
		1941	241,889
		1940	241,526
		1937	210,023
P 99	do	1946	60,703,060
		1945	98,702,525
		1944	95,315,065
		1943	79,621,932
		1942	34,186,529
		1941	13,386,554
		1940	9,182,682
		1939	8,965,555
		1938	6,978,802
		1937	7,756,021
		1936	8,493,486
		1935	6,520,966
		1934	6,693,900
		1933	4,622,865
		1932	4,659,203
		1931	3,577,434
P 103	do	1946	12,833,579
		1945	14,548,585
		1944	16,730,121
		1943	14,399,860
		1942	10,021,346
		1941	6,023,860
		1940	6,343,102
		1939	6,657,036
		1938	4,812,128
		1937	5,704,859
		1936	6,596,620
		1935	4,775,779
		1934	5,231,768
		1933	3,149,506
		1932	3,226,103
		1931	2,133,384
P 107	do	1946	11,376,097
		1945	13,746,065
		1944	16,232,896
		1943	13,918,180
		1942	9,539,905
		1941	5,527,060
		1940	5,835,233
		1939	6,152,114
		1938	4,331,712
		1937	5,229,982
		1936	6,082,639
		1935	4,310,085
		1934	4,837,070
		1933	2,774,414
		1932	2,764,581
		1931	1,726,558
P 109	do	1935	3,266,315
P 154	do	1943	240,479,381
		1935	77,441,006
P 159	do	1946	7,762,034
P 163	do	1945	168,346
P 188b	Mil. dols	1942	6,099
P 250	do	1942	2,108
P 251	do	1942	1,355
P 252	do	1942	222
P 253	do	1942	376

[1] Includes war service appointments, prior to Aug. 16, 1945, and excludes temporary appointments pending establishment of register after that date.

APPENDIX II

Weights, measures, and foreign exchange

UNITED STATES UNITS WITH METRIC EQUIVALENTS

1 inch = 2.540 centimeters.
1 foot = 0.3048 meter.
1 yard = 0.9144 meter.
1 mile = 1.609 kilometers.
1 square yard = 0.8361 square meter.
1 acre = 0.4047 hectare.
1 square mile = 2.590 square kilometers.
1 cubic inch = 16.39 cubic centimeters.
1 cubic foot = 0.02832 cubic meter.
1 cubic yard = 0.7646 cubic meter.
1 liquid quart = 0.9463 liter.
1 gallon = 231 cubic inches = 3.785 liters.
1 bushel (measured) = 2,150.4 cubic inches = 35.24 liters.
1 avoirdupois ounce = 28.35 grams.
1 troy ounce = 31.10 grams.
1 pound = 0.4536 kilogram.
1 long ton = 2,240 pounds = 1.0160 metric tons of 1,000 kilograms.
1 short ton = 2,000 pounds = 0.9072 metric ton.

UNITED STATES GALLON AND BUSHEL WITH BRITISH EQUIVALENTS

1 United States gallon = 231 cubic inches = 0.8331 imperial gallon.

1 United States bushel = 2,150.4 cubic inches = 0.9694 imperial bushel.

OFFICIAL WEIGHTS OF THE BARREL OF NONLIQUID PRODUCTS

	Pounds	Kilograms
Wheat flour, barley flour, rye flour, and corn meal (net) [1]	196	88.90
Rosin, tar, and pitch (gross)	500	226.80
Fish, pickled (net)	200	90.72
Lime (net)	200	90.72
Cement (4 bags counted as 1 barrel) (net) [1]	376	170.55

[1] Except as noted in the tables.

OFFICIAL WEIGHTS OF THE UNITED STATES BUSHEL

	Pounds	Kilograms
Wheat, beans, peas, potatoes (Irish or white)	60	27.22
Rye, corn (maize), linseed (flaxseed), maslin (mixed grain)	56	25.40
Barley, buckwheat	48	21.77
Onions	57	25.86
Rough rice	45	20.41
Malt	34	15.42
Oats	32	14.51
Peanuts, green, in shell	22	9.98
Castor beans	50	22.68

APPROXIMATE WEIGHT OF PETROLEUM AND PRODUCTS

In the United States petroleum and its products are measured by bulk, not weight. Whether handled in containers or without them the quantities are customarily reduced to the equivalent of barrels of 42 United States gallons (barrel thus equals 158.984 liters). In many foreign countries these commodities are measured by weight. The specific gravity of the different grades of crude petroleum and of the finished products varies materially. On the basis of approximate averages the Department of Commerce in converting foreign weight statistics to gallons or barrels of 42 gallons uses the factors shown in the following table:

	WEIGHT OF UNITED STATES GALLON		WEIGHT OF BARREL OF 42 GALLONS	
	Pounds	Kilograms	Pounds	Kilograms
Crude petroleum	7.3	3.311	306.6	139.07
Lubricating oils	7.0	3.175	294.0	133.36
Illuminating oils (kerosene)	6.6	2.994	277.2	125.74
Gasoline and related products (motor spirit, benzine, etc.)	6.1	2.767	256.2	116.21
Fuel and gas oils	7.7	3.493	323.4	146.69

FOREIGN EXCHANGE RATES

[**Averages of certified noon buying rates in New York for cable transfers. In cents per unit of foreign currency.** For further information concerning rates and averages for previous years, see *Statistical Abstract*, 1949, Appendix II, p. 1053]

COUNTRY	MONETARY UNIT	1941	1943	1944	1945	1946	1947	1948	1949
Argentina: [1]									
Basic	Peso	29.773	29.773	29.773	29.773	29.773	29.773	[2] 29.744	[2] 29.774
Preferential "A"	do								[3] 20.695
Preferential "B"	do	[4] 23 704	24.732	25.125	25.125	25.125	25.125	25 125	[2] 23.355
Special	do							[4] 20.000	[2] 18.591
Australia:									
Official	Pound	322.80	322.80	322.80	[4] 322.80	321.34	321.00	321.22	293.80
Free	do	321 27	[4] 321.50		321.17				
Belgium	Franc				[4] 2.2860	2.2829	2.2817	2.2816	2.2009
Foreign "Bank Notes" account.	do								[5] 2.1407
Brazil:									
Official	Cruzeiro [6]	6.0575	6.0586	6.0594	6.0602	[4] 6.0602	5.4403	5.4406	5.4406
Free	do	5.0705	5 1280	5.1469	5.1802				
Canada:									
Official	Dollar	90.909	90.909	90.909	90.909	95 198	100.00	100.00	97.491
Free	do	87 345	89.978	89.853	90.485	93.288	91.999	91.691	92 881
Ceylon	Rupee								[7] 27.839
Chile:									
Official	Peso	[4] 5.1664							
Export	do	[4] 4 0000							
China	Yuan Shanghai	[4] 5 3133							
Colombia	Peso	57 004	57.265	57.272	57.014	57.020	57.001	[4] 57.006	
Czechoslovakia	Koruna					[4] 2 0060	2.0060	2.0060	2.0060
Denmark	Krone					[4] 20.876	20.864	20.857	19.117
Finland	Markka	[4] 2.0101							
France (Metropolitan):									
Official	Franc				[4] 1.9711	.8409	.8407	[4] .4929	[8] .4671
Free	do							[4] .3240	.3017
Hong Kong	Dollar	[4] 24.592							
India [9]	Rupee	30.137	30.122	30.122	30.122	30.155	30.164	30.169	27.706
Italy	Lira	[4] 5 0703				[4] .4434			
Mexico	Peso	20.538	20 577	20.581	20.581	20.581	20.577	[4] 18.860	12.620
Netherlands	Guilder				[4] 37.933	37.813	37.760	37.668	34.528
New Zealand	Pound	322.54	324.20	324.42	323.46	322.63	322.29	350.48	365.07
Norway	Krone					[4] 20.176	20.160	20.159	18.481
Philippine Republic	Peso								[7] 49.723
Portugal	Escudo	[4] 4.0023				[4] 4.0501	4.0273	4.0183	3.8800
South Africa	Pound	398.00	398.00	398.00	399.05	400.50	400.74	400.75	366.62
Spain	Peseta	[4] 9.1300				[4] 9.1324	9.1324	[4] 9.1324	
Straits Settlements	Dollar	47 133							[7] 42.973
Sweden	Krona	[4] 23 829				[4] 25.859	27.824	27.824	25.480
Switzerland	Franc	[4] 23.210				[4] 23.363	23.363	23.363	23.314
United Kingdom:									
Official	Pound	403.50	403.50	403.50	[4] 403.50	403.28	402.86	403.13	368.72
Free	do	403.18	[4] 403.50		403.02				
Uruguay: [10]									
Controlled	Peso	65.830	65.830	65.830	65.830	65.830	65.830	[4] 65.830	[11] 65.830
Noncontrolled	do	43.380	52.855	53.506	55.159	56.280	56.239	[4] 56.182	[11] 56.180
	do							[4] 58.822	[12] 58.822
	do							[4] 53.191	[12] 53.191
	do								[13] 42.553

[1] Beginning Oct. 11, 1949, new designations were given to rates shown previously.
[2] Quotations not available Sept. 19 through Oct. 10.
[3] Based on quotations beginning Oct. 11.
[4] Average of daily rates for part of year during which quotations were certified.
[5] Based on quotations Mar. 22 through Nov. 11; rate abolished thereafter.
[6] Prior to Nov. 1, 1942, official designation of Brazilian currency unit was "milreis."
[7] Based on quotations beginning Jan. 24.
[8] Based on quotations through Sept. 16; rate abolished thereafter.
[9] Excludes Pakistan, beginning Apr. 1948.
[10] Application of rates shown for 1948 and 1949 depends upon type of merchandise.
[11] Quotation not available Oct. 6 through Dec. 21.
[12] Based on quotations through Oct. 5; rate not certified thereafter.
[13] Based on quotations beginning Dec. 22.

Source: Board of Governors of the Federal Reserve System; annual and monthly figures published currently in Federal Reserve Bulletin.

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Much valuable information will also be found in State reports and in reports for particular commodities, industries, or similar segments of our economic and social structure. However, because of the large number of such references, they are not included here.

Section references on the right-hand side of each page indicate where data from the report cited appear in the *Statistical Abstract*. Where current reports and a summary volume are both cited in the bibliography the section reference will often appear opposite the summary volume only. Reference to the sections indicated will enable the user to ascertain the type of information presented in the original source. However, it should not be assumed that all of the subjects from that source are summarized in the *Abstract*.

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